Revisionsentwurf zur Ergänzung 1 zu Anhang 4 der Verordnung des EDI vom 22. März 2017 über das elektronische Patientendossier

Austauschformat nach Artikel 4 Absatz 1 EPDV-EDI

Impfdossier

Änderungsnachweis

Die Austauschformate für das elektronische Patientendossier werden durch eHealth Suisse in Art-Decor modelliert. Die aktuellsten Vorgaben sind abrufbar unter: http://ehealthsuisse.art-decor.org/.
Da es sich um normative Vorgaben handelt, werden diese zusätzlich durch das BAG in die Ergänzungen zum Anhang 4 der EPDV-EDI überführt.

Version: 0.9
Datum: 5. Juni 2018

Version	Kapitel	Ticket	Anpassung
0.9	ganzes Dokument	-	Überarbeitung des Austauschformats eImpfdossier nach der Vernehmlassung, welche am 25. Oktober 2017 zu Ende gegangen ist.

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1 Templates

1.1 CDA Struktur

1.1.1 CDA Document Level Templates

1.1.1.1 Immunization Administration

Id	2.16.756.5.30.1.1.10.1.16	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	CDA-CH-VACD-ADM-V2	**Display Name**	Immunization Administration
Description	Swiss eVACDOC - Immunization Administration		
Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 0 templates, Uses 20 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.25	Include	Document Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.18	Include	Document Template Ids CDA-CH v2.0 - structuredBody (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.67	Include	Document Template Ids CDA-CH-VACD V2 for Swiss EPR (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.63	Include	Document Code (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include	Document Confidentiality Code (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.22	Include	Document Language (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.20	Include	Document Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.68	Include	Human Patient - recordTarget (2018)	DYNAMIC
2.16.756.5.30.1.1.10.9.23	Include	Author (2017)	DYNAMIC

2.16.756.5.30.1.1.10.2.7	Include	Data Enterer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.3	Include	Custodian (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.4	Include	Recipient - informationRecipient (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.5	Include	Legal Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.6	Include	Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include	Order Reference - inFulfillmentOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.15	Include	Insurance - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.13	Include	Document Replacement - relatedDocument (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.47	Containment	Immunizations Section - coded (2016)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.1.14 (DYNAMIC)
Specialization: template 2.16.756.5.30.1.1.10.1.9 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.2 (2005-09-07)

Example

Example

```
<!-- See http://svn.code.sf.net/p/hl7ch/code/trunk/projects/eHealthSuisse/eVACDOC/v2.0/ for examples -->
```

Item	DT	Card	Conf	Description	Label
hl7:ClinicalDocument		1 … 1	M	Swiss eVACDOC - Immunization Administration Conformity rules that are not further modelled in ART-DECOR:	(CDA...-V2)

				▪ **XML encoding** UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?> ▪ **Phone numbers** Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telephone number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.25 *Document Realm* (DYNAMIC)	
└ `hl7:realmCode`	**CS**	**1 … 1**	**M**	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└ `@code`	CONF	**1 … 1**	**F**	CHE	
└ `hl7:typeId`	**II**	**1 … 1**	**M**	HL7 CDA R2, 2005	(CDA...-V2)
└ `@root`	uid	**1 … 1**	F	2.16.840.1.113883.1.3	
└ `@extension`	st	**1 … 1**	F	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.10.2.18 *Document Template Ids CDA-CH v2.0 - structuredBody* (DYNAMIC)	

└ hl7:templateId		II	0 … 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└ @root		uid	1 … 1	F	2.16.756.5.30.1.1.1.1.4	
└ hl7:templateId		II	1 … 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
└ @root		uid	1 … 1	F	2.16.840.1.113883.10.12.2	
└ hl7:templateId		II	1 … 1	M	HL7 CDA R2 (2005).	CDA-CH V2
└ @root		uid	1 … 1	F	2.16.840.1.113883.10.12.1	
Included					from 2.16.756.5.30.1.1.10.2.67 *Document Template Ids CDA-CH-VACD V2 for Swiss EPR* (DYNAMIC)	
└ hl7:templateId		II	0 … 1		CDA-CH-VACD / eVACDOC V2 specification. This is an informational reference, only.	CDA-...VACD
└ @root		uid	1 … 1	F	2.16.756.5.30.1.1.1.1.3.5.2	
└ hl7:templateId		II	0 … 1		Exchange format according to the Swiss EPR. This templateId MUST be present, when submitting a document to a XDS.b Registry/Repository according the Federal Act on the Electronic Patient Record (EPRA). It MAY be omitted for other use cases.	CDA-...VACD

└ @root	uid	1 … 1	F	2.16.756.5.30.1.127.1.4	
	Schematron assert	role	error		
		test	not(//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')])		
		Message	The Swiss Social Security number is not allowed for the Swiss EPR.		
└ hl7:templateId	II	1 … 1	M	Immunization Content (IC) Content Module, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2	
└ hl7:templateId	II	1 … 1	M	Medical Documents Specification, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.1	
└ hl7:templateId	II	1 … 1	M	CDA-CH-VACD / Immunization Administration ART-DECOR model.	(CDA...-V2)
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.1.16	
Included		1 … 1	M	from 2.16.756.5.30.1.1.10.2.63 *Document Code* (DYNAMIC)	
└ hl7:code	CE	1 … 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. The LOINC code of the document MUST read according to IHE PCC TF2, Rev.11: 11369-6 (HISTORY OF IMMUNIZATIONS)	IHE PCC TF2 Rev.11, 6.3.1.10.1

└ @code	cs	**1 … 1**	F	11369-6	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	HISTORY OF IMMUNIZATIONS	
└ hl7:translation	**CD**	**1 … 1**	**M**	The translation to the Swiss EPR XDS.b metadata.	IHE PCC TF2 Rev.11, 6.3.1.10.1
└ @code	cs	**1 … 1**	F	41000179103	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	F	Immunization record	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *EprDocumentType-Code* (DYNAMIC)			
└ hl7:title	**ST**	**1 … 1**	**M**	The document title MUST read: ▪ [en]: 'Immunization Administration' ▪ [de]: 'Verabreichte Impfung' ▪ [fr]: 'TOTRANSLATE-FR' ▪ [it]: 'TOTRANSLATE-IT'	(CDA...-V2)
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or starts-with(text(),'Immunization Administration')		

		Message	The English title MUST read 'Immunization Administration'		
	Schematron assert	role	error		
		test	not($languageCode='de') or starts-with(text(),'Verabreichte Impfung')		
		Message	The German title MUST read 'Verabreichte Impfung'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or starts-with(text(),'TOTRANSLATE-FR')		
		Message	The French title MUST read 'TOTRANSLATE-FR'		
	Schematron assert	role	error		
		test	not($languageCode='it') or starts-with(text(),'TOTRANSLATE-IT')		
		Message	The Italian title MUST read 'TOTRANSLATE-IT'		
hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**M**	ClinicalDocument/effectiveTime MUST exist. It contains the creation date and time of the laboratory report. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	(CDA...-V2)
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.19 *Document Confidentiality Code* (DYNAMIC)	
hl7:confidentialityCode	**CE** (required)	**1 … 1**	**M**	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
@code	cs	**1 … 1**	R	The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R	The value of @displayName MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 *EprDocumentConfidentialityCode* (DYNAMIC)			

Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.22 *Document Language* (DYNAMIC)	
hl7:languageCode	**CS**	**1 … 1**	**M**	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.20 *Document Set Id and Version Number* (DYNAMIC)	
hl7:setId	**II**	**1 … 1**	**M**	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
@root	uid	**1 … 1**	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
@extension	st	0	NP	NP/not present	
	Schematron assert	role	error		
		test	(parent::*/hl7:versionNumber[@value='1'] and @root=parent::*/hl7:id/@root and (@extension=parent::*/hl7:id/@extension or (not(@extension) and not(parent::*/hl7:id/@extension)))) or (parent::*/hl7:versionNumber[not(@value='1')] and ((@root=parent::*/hl7:id/@root and @extension and not(@extension=parent::*/hl7:id/@extension)) or(not(@root=parent::*/hl7:id/@root))))		
		Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.		
hl7:versionNumber	**INT.NONNEG**	**1 … 1**	**M**	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.68 *Human Patient - recordTarget* (DYNAMIC)	

└ hl7:recordTarget		**1 … 1**	**M**	A human patient for whom this CDA document instance was created.	CDA-...VACD
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.68	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.1	
└ hl7:patientRole		**1 … 1**	**R**		CDA-...VACD
└ hl7:id	**II**	**1 … ***	**R**	The patient's id.	CDA-...VACD
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:addr	**AD**	**0 … ***		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
hl7:telecom	**TEL**	**0 … ***		The patient's means of communication (phone, eMail, ...).	CDA-...VACD
hl7:patient		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
where *[hl7:administrativeGenderCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.25-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]*					
hl7:administrativeGenderCode	**CE**	**1 … 1**	**M**	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-...VACD
@displayName	st	**1 … 1**	R		
@code	cs	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	F	HL7 AdministrativeGender	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.1	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 *EprGender* (DYNAMIC)			

hl7:birthTime	**TS.CH.TZ**	**1 … 1**	**M**	The patient's birthdate.	CDA-...VACD
hl7:maritalStatusCode	**CE**	**0 … 1**		The patient's marital status.	CDA-...VACD
@displayName	st	**1 … 1**	R		
@code	cs	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	F	HL7 MaritalStatus	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.1.11.12212	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 *MaritalStatus* (DYNAMIC)			
hl7:translation		**0 … ***		A translation of the code to another coding system	CDA-...VACD
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		

hl7:religiousAffiliationCode	**CE**	**0 … 1**		The patient's religion.	CDA-...VACD
@nullFlavor	cs	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**			
@codeSystemName	st	**0 … 1**			
@displayName	st	**0 … 1**			
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)	
		Message		Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.	
hl7:guardian		**0 … ***		The patient's guardian.	CDA-...VACD
hl7:id	**II**	**0 … ***		The guardian's id.	CDA-...VACD
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code	**CE**	**0 … 1**		The guardian's role.	CDA-...VACD
@nullFlavor	cs	**0 … 1**			
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.5.111	
@codeSystemName	st	**0 … 1**	F	HL7RoleCode	
@displayName	st	**0 … 1**			
	Schematron assert	role	error		
		test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))		
		Message	Either nullFlavor or a valid code is required.		
hl7:addr	**AD**	**0 … ***		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
hl7:telecom	**TEL**	**0 … ***		The guardian's means of communication (phone, eMail, ...).	CDA-...VACD
Choice		**1 … 1**		Elements to choose from: ▪ hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	

└ hl7:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
└ hl7:guardianOrganization				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-...VACD
└ hl7:birthplace		**0 … 1**		The patient's birthplace.	CDA-...VACD
└ hl7:place		**1 … 1**			CDA-...VACD
└ hl7:name	**EN**	**0 … 1**		The patient's birthplace name.	CDA-...VACD
└ hl7:addr	**AD**	**1 … 1**	**R**	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
└ hl7:languageCommunication		**0 … ***		The patient's language skills.	CDA-...VACD

hl7:languageCode	**CS**	**1 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
hl7:modeCode	**CE**	**0 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 *LanguageAbilityMode* (DYNAMIC)			
hl7:proficiencyLevelCode	**CE**	**0 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 *LanguageAbilityProficiency* (DYNAMIC)			
hl7:preferenceInd	**BL**	**0 … 1**		In case of @value=true it is the patient's correspondence language.	CDA-...VACD
hl7:providerOrganization		**0 … 1**		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 *Organization Compilation with GLN and name* (DYNAMIC)	CDA-...VACD
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.9.23 *Author* (DYNAMIC)	

hl7:author		**1 … ***	**M**	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.23	
hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@nullFlavor	st	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**0 … 1**	F	SNOMED CT	
@displayName	st	**0 … 1**			
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)			
	Example	Patient			

		<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>			
	Example	Nurse <functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>			
	Example	Home helper <functionCode nullFlavor="NAV"> <originalText>Home helper</originalText> </functionCode>			
	Example	Laboratory technician <functionCode nullFlavor="NAV"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>			
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		

hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 … 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
hl7:id	**II**	**1 … 1**	**R**	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 … 1**	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	**0 … 1**		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED		

hl7:id	**II**	**0 … ***		Other ids are allowed.	CDA-CH V2
@root	cs	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:addr	**AD**	**0 … ***		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		**1 … 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 … 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:assignedAuthoringDevice		**0 … 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2

hl7:representedOrganization		0 … 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		0 … 1		from 2.16.756.5.30.1.1.10.2.7 *Data Enterer* (DYNAMIC)	
hl7:dataEnterer		0 … 1		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	1 … 1	**M**		CDA-CH V2
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.7	
hl7:time	**TS.CH.TZ**	0 … 1		Timestamp of the data input.	CDA-CH V2
hl7:assignedEntity		1 … 1	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		1 … 1	**M**	from 2.16.756.5.30.1.1.10.2.3 *Custodian* (DYNAMIC)	
hl7:custodian		1 … 1	**M**	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2

└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.3	
└ hl7:assignedCustodian		**1 … 1**	**R**		CDA-CH V2
└ hl7:representedCustodianOrganization		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**1 … ***	**M**	The custodian's id.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:name	**ON**	**1 … 1**	**R**	The custodian's name.	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2

hl7:addr	**AD**	**0 … ***		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.2.4 *Recipient - informationRecipient* (DYNAMIC)	
hl7:informationRecipient		**1 … ***	**M**	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). **Recipient types:** ▪ The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. ▪ Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
@typeCode	cs	**0 … 1**		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 *x_InformationRecipient* (DYNAMIC)			
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.4	

└ hl7:intendedRecipient		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**0 … ***	**R**	The recipient's identification(s).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:informationRecipient		**0 … 1**		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:receivedOrganization		**0 … 1**		The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.5 *Legal Authenticator* (DYNAMIC)	

hl7:legalAuthenticator		**0 … 1**		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.5	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			

hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.6 *Authenticator* (DYNAMIC)	
hl7:authenticator		**0 … 1**		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.6	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	

	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.16 *Order Reference - inFulfillmentOf* (DYNAMIC)	
hl7:inFulfillmentOf		**0 … 1**		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.16	
hl7:order		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**R**	Order number.	CDA-CH V2
@root	uid	**1 … 1**	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
@extension	st	**0 … 1**		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	

Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.46 *Health Service - documentationOf* (DYNAMIC)	
└ hl7:documentationOf		**0 … 1**		Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	DOC	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.46	
└ hl7:serviceEvent		**1 … 1**	**R**		CDA-CH V2
└ @classCode	cs	**1 … 1**	F	ACT	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:id	**II**	**0 … ***		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	

└ hl7:code	**CE**	**1 … 1**	**R**	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
└ @nullFlavor	st	**1 … 1**	F	NAV	
└ @code	cs	0	NP	NP/not present	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Duration of the health service.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the health service.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	
hl7:performer		**0 … ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
@typeCode	cs	**1 … 1**	F	PRF	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 … 1**	**R**		CDA-CH V2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	

hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

Schematron assert	role: error test: not(@code='133932002') or (hl7:originalText/text()) Message: Other Caregivers description MUST be declared in the originalText element.

Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.

hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2

└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Duration of the performance.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the performance.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the performance.	CDA-CH V2
└ hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.14 *Insurance Card - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance card.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	HLD	

hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.14	
hl7:time	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 … 1**			CDA-CH V2
@nullFlavor	cs	**1 … 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	POLHOLD	
hl7:id	**II**	**1 … 1**	**R**	The insurance card's id.	CDA-CH V2

└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.123.100.1.1.1	
└ @extension	st	**1 … 1**	R	Number of the insurance card.	
└ hl7:associatedPerson		**0 … 1**		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**0 … 1**		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.15 *Insurance - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	COV	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.15	
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Validity period of the contract.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the contract.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the contract.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	PAYOR	
hl7:id	**II**	**1 … 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**1 … 1**	**R**	The underlying law for the contract.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV	
@code	cs	**0 … 1**		832.10, 832.20, 221.229.1, 833.1, 831.20	

└ @codeSystem	oid	**0 … 1**	F	2.16.756.5.30.2.1.1.11	
└ @codeSystemName	st	**0 … 1**	F	ins-laws	
└ @displayName	st	**0 … 1**		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
└ hl7:associatedPerson		**0 … 1**		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**1 … 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.13 *Document Replacement - relatedDocument* (DYNAMIC)	
└ hl7:relatedDocument		**0 … ***		Relationship to another CDA-CH V2 based document that is replaced by the current one. **Notes:** For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid:	CDA-CH V2

				▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	
└ @typeCode	cs	**1 … 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.13	
└ hl7:parentDocument		**1 … 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
└ hl7:id	**II**	**1 … 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The id (GUID) of the document to be replaced.	
└ @extension	st	0	NP	NP/not present	
└ hl7:setId	**II**	**1 … 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2

└ @extension	st	0	NP	NP/not present	
└ @root	uid	**1 … 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
└ hl7:versionNumber	**INT**	**1 … 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	@value > /hl7:ClinicalDocument/hl7:versionNumber/@value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
└ hl7:component		**1 … 1**	**R**		(CDA...-V2)
└ hl7:structuredBody		**1 … 1**	**R**		(CDA...-V2)
└ hl7:component		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.3.47 *Immunizations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					

Schematron assert	role	warning
	test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])
	Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.
Schematron report	role	warning
	test	//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole
	Message	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.
Schematron assert	role	error
	test	not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])
	Message	Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.

1.1.1.2 Immunization Certificate

Id	2.16.756.5.30.1.1.10.1.15	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	CDA-CH-VACD-CER-V2	**Display Name**	Immunization Certificate
Description	Swiss eVACDOC - Immunization Certificate		
Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 0 templates, Uses 20 templates

Uses	as	Name	Version

2.16.756.5.30.1.1.10.2.25	Include	Document Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.18	Include	Document Template Ids CDA-CH v2.0 - structuredBody (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.67	Include	Document Template Ids CDA-CH-VACD V2 for Swiss EPR (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.63	Include	Document Code (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include	Document Confidentiality Code (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.22	Include	Document Language (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.20	Include	Document Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.68	Include	Human Patient - recordTarget (2018)	DYNAMIC
2.16.756.5.30.1.1.10.9.23	Include	Author (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.7	Include	Data Enterer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.3	Include	Custodian (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.4	Include	Recipient - informationRecipient (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.5	Include	Legal Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.6	Include	Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include	Order Reference - inFulfillmentOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.15	Include	Insurance - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.13	Include	Document Replacement - relatedDocument (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.47	Containment	Immunizations Section - coded (2016)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.1.14 (DYNAMIC)
Specialization: template 2.16.756.5.30.1.1.10.1.9 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.2 (2005-09-07)

Example	Example <!-- See http://svn.code.sf.net/p/hl7ch/code/trunk/projects/eHealthSuisse/eVACDOC/v2.0/ for examples -->

Item	DT	Card	Conf	Description	Label
hl7:ClinicalDocument		1 … 1	M	Swiss eVACDOC - Immunization Certificate Conformity rules that are not further modelled in ART-DECOR: ▪ **XML encoding** UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?> ▪ **Phone numbers** Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telephone number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	(CDA...-V2)
Included		1 … 1	M	from 2.16.756.5.30.1.1.10.2.25 *Document Realm* (DYNAMIC)	
└ hl7:realmCode	CS	1 … 1	M	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└ @code	CONF	1 … 1	F	CHE	

hl7:typeId	II	1 … 1	M	HL7 CDA R2, 2005	(CDA...-V2)
@root	uid	1 … 1	F	2.16.840.1.113883.1.3	
@extension	st	1 … 1	F	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.10.2.18 *Document Template Ids CDA-CH v2.0 - structuredBody* (DYNAMIC)	
hl7:templateId	II	0 … 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
@root	uid	1 … 1	F	2.16.756.5.30.1.1.1.1.4	
hl7:templateId	II	1 … 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
@root	uid	1 … 1	F	2.16.840.1.113883.10.12.2	
hl7:templateId	II	1 … 1	M	HL7 CDA R2 (2005).	CDA-CH V2
@root	uid	1 … 1	F	2.16.840.1.113883.10.12.1	
Included				from 2.16.756.5.30.1.1.10.2.67 *Document Template Ids CDA-CH-VACD V2 for Swiss EPR* (DYNAMIC)	

hl7:templateId	II	0 … 1		CDA-CH-VACD / eVACDOC V2 specification. This is an informational reference, only.	CDA-...VACD
@root	uid	1 … 1	F	2.16.756.5.30.1.1.1.1.3.5.2	
hl7:templateId	II	0 … 1		Exchange format according to the Swiss EPR. This templateId MUST be present, when submitting a document to a XDS.b Registry/Repository according the Federal Act on the Electronic Patient Record (EPRA). It MAY be omitted for other use cases.	CDA-...VACD
@root	uid	1 … 1	F	2.16.756.5.30.1.127.1.4	
	Schematron assert	role		error	
		test		not(//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')])	
		Message		The Swiss Social Security number is not allowed for the Swiss EPR.	
hl7:templateId	II	1 … 1	M	Immunization Content (IC) Content Module, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2	
hl7:templateId	II	1 … 1	M	Medical Documents Specification, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.1	

└ hl7:templateId	**II**	**1 … 1**	**M**	CDA-CH-VACD / Immunization Certificate ART-DECOR model.	(CDA...-V2)
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.1.15	
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.63 *Document Code* (DYNAMIC)	
└ hl7:code	**CE**	**1 … 1**	**M**	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. The LOINC code of the document MUST read according to IHE PCC TF2, Rev.11: 11369-6 (HISTORY OF IMMUNIZATIONS)	IHE PCC TF2 Rev.11, 6.3.1.10.1
└ @code	cs	**1 … 1**	F	11369-6	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	HISTORY OF IMMUNIZATIONS	
└ hl7:translation	**CD**	**1 … 1**	**M**	The translation to the Swiss EPR XDS.b metadata.	IHE PCC TF2 Rev.11, 6.3.1.10.1
└ @code	cs	**1 … 1**	F	41000179103	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	F	Immunization record	

	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *EprDocumentType-Code* (DYNAMIC)			
hl7:title	**ST**	**1 … 1**	**M**	The document title MUST read: ▪ [de]: 'Impfausweis' ▪ [fr]: 'Carnet de vaccination' ▪ [it]: 'Certificato di vaccinazione' ▪ [en]: 'Immunization Certificate'	(CDA...-V2)
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or starts-with(text(),'Immunization Certificate')		
		Message	The English title MUST read 'Immunization Certificate'		
	Schematron assert	role	error		
		test	not($languageCode='de') or starts-with(text(),'Impfausweis')		
		Message	The German title MUST read 'Impfausweis'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or starts-with(text(),'Carnet de vaccination')		
		Message	The French title MUST read 'Carnet de vaccination'		
	Schematron assert	role	error		
		test	not($languageCode='it') or starts-with(text(),'Certificato di vaccinazione')		
		Message	The Italian title MUST read 'Certificato di vaccinazione'		
hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**M**	ClinicalDocument/effectiveTime MUST exist. It contains the creation date and time of the laboratory report. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	(CDA...-V2)
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.19 *Document Confidentiality Code* (DYNAMIC)	

└ hl7:confidentialityCode	**CE** (required)	**1 … 1**	**M**	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
└ @code	cs	**1 … 1**	R	The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R	The value of @displayName MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 *EprDocumentConfidentialityCode* (DYNAMIC)			
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.22 *Document Language* (DYNAMIC)	
└ hl7:languageCode	**CS**	**1 … 1**	**M**	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.20 *Document Set Id and Version Number* (DYNAMIC)	
└ hl7:setId	**II**	**1 … 1**	**M**	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
└ @extension	st	0	NP	NP/not present	

	Schematron assert	role	error		
		test	(parent::*/hl7:versionNumber[@value='1'] and @root=parent::*/hl7:id/@root and (@extension=parent::*/hl7:id/@extension or (not(@extension) and not(parent::*/hl7:id/@extension)))) or (parent::*/hl7:versionNumber[not(@value='1')] and ((@root=parent::*/hl7:id/@root and @extension and not(@extension=parent::*/hl7:id/@extension)) or(not(@root=parent::*/hl7:id/@root))))		
		Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.		
hl7:versionNumber	**INT.NONNEG**	**1 … 1**	**M**	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.68 *Human Patient - recordTarget* (DYNAMIC)	
hl7:recordTarget		**1 … 1**	**M**	A human patient for whom this CDA document instance was created.	CDA-...VACD
hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.68	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.1	

└ hl7:patientRole		**1 … 1**	**R**		CDA-...VACD
└ hl7:id	**II**	**1 … ***	**R**	The patient's id.	CDA-...VACD
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
└ hl7:telecom	**TEL**	**0 … ***		The patient's means of communication (phone, eMail, ...).	CDA-...VACD
└ hl7:patient		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
where *[hl7:administrativeGenderCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.25-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]*					

└ hl7:administrativeGenderCode	**CE**	**1 … 1**	**M**	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-...VACD
└ @displayName	st	**1 … 1**	R		
└ @code	cs	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	F	HL7 AdministrativeGender	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.1	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 *EprGender* (DYNAMIC)			
└ hl7:birthTime	**TS.CH.TZ**	**1 … 1**	**M**	The patient's birthdate.	CDA-...VACD
└ hl7:maritalStatusCode	**CE**	**0 … 1**		The patient's marital status.	CDA-...VACD
└ @displayName	st	**1 … 1**	R		
└ @code	cs	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	F	HL7 MaritalStatus	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.1.11.12212	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 *MaritalStatus* (DYNAMIC)			

hl7:translation		0 … *		A translation of the code to another coding system	CDA-...VACD
@code	cs	1 … 1	R		
@codeSystem	oid	1 … 1	R		
@codeSystemName	st	1 … 1	R		
@displayName	st	1 … 1	R		
hl7:religiousAffiliationCode	**CE**	0 … 1		The patient's religion.	CDA-...VACD
@nullFlavor	cs	0 … 1	F	NAV	
@code	cs	0 … 1			
@codeSystem	oid	0 … 1			
@codeSystemName	st	0 … 1			
@displayName	st	0 … 1			
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)	
		Message		Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.	

hl7:guardian		0 … *		The patient's guardian.	CDA-...VACD
hl7:id	II	0 … *		The guardian's id.	CDA-...VACD
@root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	CE	0 … 1		The guardian's role.	CDA-...VACD
@nullFlavor	cs	0 … 1			
@code	cs	0 … 1			
@codeSystem	oid	0 … 1	F	2.16.840.1.113883.5.111	
@codeSystemName	st	0 … 1	F	HL7RoleCode	
@displayName	st	0 … 1			
	Schematron assert	role	error		
		test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))		
		Message	Either nullFlavor or a valid code is required.		

hl7:addr	**AD**	**0 … ***		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
hl7:telecom	**TEL**	**0 … ***		The guardian's means of communication (phone, eMail, ...).	CDA-...VACD
Choice		**1 … 1**		Elements to choose from: ▪ hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	
hl7:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
hl7:guardianOrganization				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-...VACD
hl7:birthplace		**0 … 1**		The patient's birthplace.	CDA-...VACD
hl7:place		**1 … 1**			CDA-...VACD

└ hl7:name	**EN**	**0 … 1**		The patient's birthplace name.	CDA-...VACD
└ hl7:addr	**AD**	**1 … 1**	**R**	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
└ hl7:languageCommunication		**0 … ***		The patient's language skills.	CDA-...VACD
└ hl7:languageCode	**CS**	**1 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
└ hl7:modeCode	**CE**	**0 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 *LanguageAbilityMode* (DYNAMIC)			
└ hl7:proficiencyLevelCode	**CE**	**0 … 1**			CDA-...VACD

	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 *LanguageAbilityProficiency* (DYNAMIC)			
└ hl7:preferenceInd	**BL**	**0 … 1**		In case of @value=true it is the patient's correspondence language.	CDA-...VACD
└ hl7:providerOrganization		**0 … 1**		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 *Organization Compilation with GLN and name* (DYNAMIC)	CDA-...VACD
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.9.23 *Author* (DYNAMIC)	
└ hl7:author		**1 … ***	**M**	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.23	
└ hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2

@nullFlavor	st	**0 … 1**	F	NAV
@code	cs	**0 … 1**		
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96
@codeSystemName	st	**0 … 1**	F	SNOMED CT
@displayName	st	**0 … 1**		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	Patient `<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>`
Example	Nurse `<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	Home helper
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	Laboratory technician
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

Schematron assert	role: error test: (@code and @codeSystem) or (@nullFlavor='NAV') Message: Either a code with its code system or nullFlavor='NAV' is required.
Schematron assert	role: error test: not(@nullFlavor) or (hl7:originalText) Message: Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.

hl7:translation		0 … *		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	1 … 1	R		
@codeSystem	oid	1 … 1	R		
@codeSystemName	st	1 … 1	R		
@displayName	st	1 … 1	R		
hl7:time	**TS.CH.TZ**	1 … 1	R	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		1 … 1	R		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
hl7:id	**II**	1 … 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
@nullFlavor	cs	0 … 1	F	NAV Temporarily unknown, will be filled later.	

└ @root	cs	**0 … 1**	F	2.51.1.3 OID for GS1 GLN.
└ @extension	st	**0 … 1**		The GS1 GLN.
	Schematron assert	role	error	
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')	
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	
└ hl7:id	**II**	**0 … ***		Other ids are allowed. CDA-CH V2
└ @root	cs	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
└ hl7:addr	**AD**	**0 … ***		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC) CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The author's means of communication (phone, eMail, ...). CDA-CH V2
Choice		**1 … 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)

hl7:assignedPerson		**0 … 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:assignedAuthoringDevice		**0 … 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		**0 … 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.7 *Data Enterer* (DYNAMIC)	
hl7:dataEnterer		**0 … 1**		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.7	
hl7:time	**TS.CH.TZ**	**0 … 1**		Timestamp of the data input.	CDA-CH V2

hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.3 *Custodian* (DYNAMIC)	
hl7:custodian		**1 … 1**	**M**	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.3	
hl7:assignedCustodian		**1 … 1**	**R**		CDA-CH V2
hl7:representedCustodianOrganization		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**M**	The custodian's id.	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	

└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:name	**ON**	**1 … 1**	**R**	The custodian's name.	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:addr	**AD**	**0 … ***		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.2.4 *Recipient - informationRecipient* (DYNAMIC)	
└ hl7:informationRecipient		**1 … ***	**M**	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). **Recipient types:** ▪ The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. ▪ Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
└ @typeCode	cs	0 … 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone,	

				in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 *x_InformationRecipient* (DYNAMIC)			
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.4	
└ hl7:intendedRecipient		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**0 … ***	**R**	The recipient's identification(s).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2

└ hl7:informationRecipient		**0 … 1**		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:receivedOrganization		**0 … 1**		The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.5 *Legal Authenticator* (DYNAMIC)	
└ hl7:legalAuthenticator		**0 … 1**		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.5	
└ hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
└ hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
└ @code	cs	**1 … 1**	F	S	

└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
└ hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.6 *Authenticator* (DYNAMIC)	
└ hl7:authenticator		**0 … 1**		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.6	
└ hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2

hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.16 *Order Reference - inFulfillmentOf* (DYNAMIC)	
hl7:inFulfillmentOf		**0 … 1**		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.16	

hl7:order		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**R**	Order number.	CDA-CH V2
@root	uid	**1 … 1**	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
@extension	st	**0 … 1**		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.46 *Health Service - documentationOf* (DYNAMIC)	
hl7:documentationOf		**0 … 1**		Information about a health service describing the context of this CDA document.	CDA-CH V2
@typeCode	cs	**1 … 1**	F	DOC	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.46	
hl7:serviceEvent		**1 … 1**	**R**		CDA-CH V2

└ @classCode	cs	**1 … 1**	F	ACT	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:id	**II**	**0 … ***		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	
└ hl7:code	**CE**	**1 … 1**	**R**	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
└ @nullFlavor	st	**1 … 1**	F	NAV	
└ @code	cs	0	NP	NP/not present	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	**1 … 1**	R		

└ @codeSystem	oid	1 … 1	R		
└ @codeSystemName	st	1 … 1	R		
└ @displayName	st	1 … 1	R		
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Duration of the health service.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the health service.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	
└ hl7:performer		**0 … ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
└ @typeCode	cs	1 … 1	F	PRF	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.9.31	

hl7:templateId		**1 … 1**	**R**		CDA-CH V2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

Schematron assert	role error

		test	not(@code='133932002') or (hl7:originalText/text())		
		Message	Other Caregivers description MUST be declared in the originalText element.		
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ `hl7:originalText`	**ED**	**0 … 1**	**C**		CDA-CH V2
└ `hl7:reference`	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ `@value`		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		

└ hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Duration of the performance.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the performance.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the performance.	CDA-CH V2
└ hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.14 *Insurance Card - participant* (DYNAMIC)	

hl7:participant		**0 … ***		Information on a patient's insurance card.	CDA-CH V2
@typeCode	cs	**1 … 1**	F	HLD	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.14	
hl7:time	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 … 1**			CDA-CH V2
@nullFlavor	cs	**1 … 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2

└ @classCode	cs	**1 … 1**	F	POLHOLD	
└ hl7:id	**II**	**1 … 1**	**R**	The insurance card's id.	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.123.100.1.1.1	
└ @extension	st	**1 … 1**	R	Number of the insurance card.	
└ hl7:associatedPerson		**0 … 1**		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**0 … 1**		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.15 *Insurance - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	COV	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.15	

hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Validity period of the contract.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the contract.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the contract.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	PAYOR	
hl7:id	**II**	**1 … 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**1 … 1**	**R**	The underlying law for the contract.	CDA-CH V2

@nullFlavor	cs	**0 … 1**	F	NAV	
@code	cs	**0 … 1**		832.10, 832.20, 221.229.1, 833.1, 831.20	
@codeSystem	oid	**0 … 1**	F	2.16.756.5.30.2.1.1.11	
@codeSystemName	st	**0 … 1**	F	ins-laws	
@displayName	st	**0 … 1**		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
hl7:associatedPerson		**0 … 1**		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:scopingOrganization		**1 … 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.13 *Document Replacement - relatedDocument* (DYNAMIC)	
hl7:relatedDocument		**0 … ***		Relationship to another CDA-CH V2 based document that is replaced by the current one. **Notes:** For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original docu-	CDA-CH V2

				ment has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid: ▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	
└ @typeCode	cs	**1 … 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.13	
└ hl7:parentDocument		**1 … 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
└ hl7:id	**II**	**1 … 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The id (GUID) of the document to be replaced.	
└ @extension	st	0	NP	NP/not present	

hl7:setId	**II**	**1 … 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2
@extension	st	0	NP	NP/not present	
@root	uid	**1 … 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
hl7:versionNumber	**INT**	**1 … 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	@value > /hl7:ClinicalDocument/hl7:versionNumber/@value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
hl7:component		**1 … 1**	**R**		(CDA...-V2)
hl7:structuredBody		**1 … 1**	**R**		(CDA...-V2)

└ hl7:component		1 … 1	R	Contains 2.16.756.5.30.1.1.10.3.47 *Immunizations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
	Schematron assert	role	warning		
		test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])		
		Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.		
	Schematron report	role	warning		
		test	//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole		
		Message	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.		
	Schematron assert	role	error		
		test	not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])		
		Message	Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.		

1.1.1.3 Immunization Recommendation Request

Id	2.16.756.5.30.1.1.10.1.17	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	CDA-CH-VACD-REQ-V2	**Display Name**	Immunization Recommendation Request
Description	Swiss eVACDOC - Immunization Recommendation Request		
Context	Pathname /		
Classification	CDA Document Level Template		

Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 0 templates, Uses 27 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.25	Include	Document Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.18	Include	Document Template Ids CDA-CH v2.0 - structuredBody (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.71	Include	Document Template Ids CDA-CH-VACD V2 non Swiss EPR (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.63	Include	Document Code (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include	Document Confidentiality Code (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.22	Include	Document Language (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.20	Include	Document Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.69	Include	Masked Patient - recordTarget (2018)	DYNAMIC
2.16.756.5.30.1.1.10.9.23	Include	Author (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.7	Include	Data Enterer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.3	Include	Custodian (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.4	Include	Recipient - informationRecipient (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.5	Include	Legal Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.6	Include	Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include	Order Reference - inFulfillmentOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.15	Include	Insurance - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.13	Include	Document Replacement - relatedDocument (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.47	Containment	Immunizations Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.25	Containment	Active Problems Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.50	Containment	History Of Past Illness Section - coded (2016)	DYNAMIC

2.16.756.5.30.1.1.10.3.51	Containment	Allergies and other Adverse Reactions Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.46	Containment	Other Relevant Observations Section - coded (2018)	DYNAMIC
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section - coded (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	DYNAMIC
2.16.756.5.30.1.1.10.3.2	Containment	Remarks Section - coded (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.1.14 (DYNAMIC)
Specialization: template 2.16.756.5.30.1.1.10.1.9 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.2 (2005-09-07)

Example

Example

```
<!-- See http://svn.code.sf.net/p/hl7ch/code/trunk/projects/eHealthSuisse/eVACDOC/v2.0/ for examples -->
```

Item	DT	Card	Conf	Description	Label
hl7:ClinicalDocument		1 … 1	M	Swiss eVACDOC - Immunization Recommendation Request Conformity rules that are not further modelled in ART-DECOR: ▪ **XML encoding** UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?> ▪ **Phone numbers** Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public	(CDA...-V2)

				and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telephone number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.25 *Document Realm* (DYNAMIC)	
└ hl7:realmCode	**CS**	**1 … 1**	**M**	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└ @code	CONF	**1 … 1**	**F**	CHE	
└ hl7:typeId	**II**	**1 … 1**	**M**	HL7 CDA R2, 2005	(CDA...-V2)
└ @root	uid	**1 … 1**	F	2.16.840.1.113883.1.3	
└ @extension	st	**1 … 1**	F	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.10.2.18 *Document Template Ids CDA-CH v2.0 - structuredBody* (DYNAMIC)	
└ hl7:templateId	**II**	**0 … 1**		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.1.1.4	

hl7:templateId	II	1 … 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
@root	uid	1 … 1	F	2.16.840.1.113883.10.12.2	
hl7:templateId	II	1 … 1	M	HL7 CDA R2 (2005).	CDA-CH V2
@root	uid	1 … 1	F	2.16.840.1.113883.10.12.1	
Included				from 2.16.756.5.30.1.1.10.2.71 *Document Template Ids CDA-CH-VACD V2 non Swiss EPR* (DYNAMIC)	
hl7:templateId	II	0 … 1		CDA-CH-VACD / eVACDOC V2 specification. This is an informational reference, only.	CDA-...VACD
@root	uid	1 … 1	F	2.16.756.5.30.1.1.1.1.3.5.2	
hl7:templateId	II	1 … 1	M	Immunization Content (IC) Content Module, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2	
hl7:templateId	II	1 … 1	M	Medical Documents Specification, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD

└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.1	
	Schematron assert	role	error		
		test	not(/hl7:ClinicalDocument/hl7:templateId[@root='2.16.756.5.30.1.127.1.4'])		
		Message	This document is not allowed for the Swiss EPR. It therefore MAY NOT contain the templateID for exchange formats according to the Swiss EPR.		
└ hl7:templateId	**II**	**1 … 1**	**M**	CDA-CH-VACD / Immunization Recommendation Request ART-DECOR model.	(CDA...-V2)
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.1.17	
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.63 *Document Code* (DYNAMIC)	
└ hl7:code	**CE**	**1 … 1**	**M**	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. The LOINC code of the document MUST read according to IHE PCC TF2, Rev.11: 11369-6 (HISTORY OF IMMUNIZATIONS)	IHE PCC TF2 Rev.11, 6.3.1.10.1
└ @code	cs	**1 … 1**	F	11369-6	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	HISTORY OF IMMUNIZATIONS	
└ hl7:translation	**CD**	**1 … 1**	**M**	The translation to the Swiss EPR XDS.b metadata.	IHE PCC TF2 Rev.11, 6.3.1.10.1
└ @code	cs	**1 … 1**	F	41000179103	

└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	1 … 1	F	SNOMED CT	
└ @displayName	st	1 … 1	F	Immunization record	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *EprDocumentType-Code* (DYNAMIC)			
└ hl7:title	**ST**	**1 … 1**	**M**	The document title MUST read: ▪ [en]: 'Immunization Recommendation Request' ▪ [de]: 'Anfrage Impfempfehlung' ▪ [fr]: 'TOTRANSLATE-FR' ▪ [it]: 'TOTRANSLATE-IT'	(CDA...-V2)
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or starts-with(text(),'Immunization Recommendation Request')		
		Message	The English title MUST read 'Immunization Recommendation Request'		
	Schematron assert	role	error		
		test	not($languageCode='de') or starts-with(text(),'Anfrage Impfempfehlung')		
		Message	The German title MUST read 'Anfrage Impfempfehlung'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or starts-with(text(),'TOTRANSLATE-FR')		
		Message	The French title MUST read 'TOTRANSLATE-FR'		
	Schematron assert	role	error		
		test	not($languageCode='it') or starts-with(text(),'TOTRANSLATE-IT')		
		Message	The Italian title MUST read 'TOTRANSLATE-IT'		

└ hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**M**	ClinicalDocument/effectiveTime MUST exist. It contains the creation date and time of the laboratory report. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	(CDA...-V2)
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.19 *Document Confidentiality Code* (DYNAMIC)	
└ hl7:confidentialityCode	**CE** (required)	**1 … 1**	**M**	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
└ @code	cs	**1 … 1**	R	The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R	The value of @displayName MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 *EprDocumentConfidentialityCode* (DYNAMIC)			
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.22 *Document Language* (DYNAMIC)	
└ hl7:languageCode	**CS**	**1 … 1**	**M**	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.20 *Document Set Id and Version Number* (DYNAMIC)	

hl7:setId	**II**	**1 … 1**	**M**	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
@root	uid	**1 … 1**	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
@extension	st	0	NP	NP/not present	
	Schematron assert	role	error		
		test	(parent::*/hl7:versionNumber[@value='1'] and @root=parent::*/hl7:id/@root and (@extension=parent::*/hl7:id/@extension or (not(@extension) and not(parent::*/hl7:id/@extension)))) or (parent::*/hl7:versionNumber[not(@value='1')] and ((@root=parent::*/hl7:id/@root and @extension and not(@extension=parent::*/hl7:id/@extension)) or(not(@root=parent::*/hl7:id/@root))))		
		Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.		
hl7:versionNumber	**INT.NONNEG**	**1 … 1**	**M**	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.69 *Masked Patient - recordTarget* (DYNAMIC)	
hl7:recordTarget		**1 … 1**	**M**	A human patient for whom this CDA document instance was created. Its demographic data is masked as much as possible. Only the demographic information (such as gender, birthdate and city) that is needed for a immunization recommendation is allowed.	CDA-...VACD
hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD

└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.69	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.1	
└ hl7:patientRole		**1 … 1**	**R**		CDA-...VACD
└ hl7:id	**II**	**1 … ***	**M**	The patient's id. This information is mandatory to assign immunization recommendation responses to the correct patient in the requester's information system, because demographic data is masked.	CDA-...VACD
└ @root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**1 … 1**	**R**	The patient's address MUST be masked.	CDA-...VACD
└ hl7:city	**ADXP**	**1 … 1**	**R**	Addressed city (in foreign addresses if necessary including province, etc.). When using the information according to the Swiss Post, the 27-digit city name must be used.	CDA-...VACD

hl7:postalCode	**ADXP**	**1 … 1**	**R**	Postal code given by Swiss Post or postal code issued by a post office abroad, that can consist of numbers, letters or a combination of both, possibly even special characters.	CDA-...VACD
hl7:country	**ADXP**	**1 … 1**	**R**	Two-digit, alphanumeric ISO country code according to [ISO 3166-1] of the country in which the address is located. The country defines the conventions for addressing. The country code MUST also be declared for Swiss postal addresses. Caution: Political changes or renaming of countries will result in adjustments to the ISO country list. The length of the feature is 2 characters.	CDA-...VACD
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.24.2		
		test	string-length(text()) < 3		
		Message	eCH-0010 restricts the content length to max. 2 characters		
	Schematron assert	role	error		
		test	count(child::*)=3 and hl7:postalCode and hl7:city and hl7:country		
		Message	Detailed address elements are NOT ALLOWED for masked patients. Only postalCode, city and country MUST be filled.		
hl7:telecom	**TEL**	**0 … 1**	**R**	The patient's means of communication (phone, eMail, ...) MUST be masked, if present.	CDA-...VACD
@nullFlavor		**1 … 1**	F	MSK	
	Schematron assert	role	error		
		test	not(@value)		
		Message	Telecom values are NOT ALLOWED for masked patients.		

hl7:patient		1 … 1	R		CDA-...VACD
hl7:name	PN	0 … 1	R	The person's name MUST be masked, if present.	CDA-...VACD
@nullFlavor		1 … 1	F	MSK	
	Schematron assert	role	error		
		test	count(child::*)=0		
		Message	Name elements are NOT ALLOWED for masked patients.		
hl7:administrativeGenderCode	CE	1 … 1	M	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-...VACD
@code	cs	1 … 1	R		
@codeSystem	oid	1 … 1	F	2.16.840.1.113883.5.1	
@codeSystemName	st	1 … 1	F	HL7 AdministrativeGender	
@displayName	st	1 … 1	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 *EprGender* (DYNAMIC)			

hl7:birthTime	**TS.CH.TZ**	**1 … 1**	**R**	The patient's birthdate.	CDA-...VACD
hl7:maritalStatusCode	**CE**		**NP**	The patient's marital status is NOT ALLOWED.	CDA-...VACD
hl7:religiousAffiliationCode	**CE**		**NP**	The patient's religion is NOT ALLOWED.	CDA-...VACD
hl7:guardian			**NP**	The patient's guardian is NOT ALLOWED.	CDA-...VACD
hl7:birthplace			**NP**	The patient's birthplace is NOT ALLOWED.	CDA-...VACD
hl7:languageCommunication			**NP**	The patient's language skills are NOT ALLOWED.	CDA-...VACD
hl7:providerOrganization			**NP**	The organization who took care of the patient in the same context with the current CDA document is NOT ALLOWED.	CDA-...VACD
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.9.23 *Author* (DYNAMIC)	

hl7:author		**1 … ***	**M**	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.23	
hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@nullFlavor	st	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**0 … 1**	F	SNOMED CT	
@displayName	st	**0 … 1**			
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)			
	Example	Patient			

		<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>			
	Example	Nurse <functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>			
	Example	Home helper <functionCode nullFlavor="NAV"> <originalText>Home helper</originalText> </functionCode>			
	Example	Laboratory technician <functionCode nullFlavor="NAV"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>			
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		

hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 … 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
hl7:id	**II**	**1 … 1**	**R**	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 … 1**	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	**0 … 1**		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED		

└ hl7:id	**II**	**0 … ***		Other ids are allowed.	CDA-CH V2
└ @root	cs	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		**1 … 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
└ hl7:assignedPerson		**0 … 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:assignedAuthoringDevice		**0 … 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2

hl7:representedOrganization		0 … 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		0 … 1		from 2.16.756.5.30.1.1.10.2.7 *Data Enterer* (DYNAMIC)	
hl7:dataEnterer		0 … 1		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	1 … 1	**M**		CDA-CH V2
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.7	
hl7:time	**TS.CH.TZ**	0 … 1		Timestamp of the data input.	CDA-CH V2
hl7:assignedEntity		1 … 1	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		1 … 1	**M**	from 2.16.756.5.30.1.1.10.2.3 *Custodian* (DYNAMIC)	
hl7:custodian		1 … 1	**M**	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2

hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.3	
hl7:assignedCustodian		**1 … 1**	**R**		CDA-CH V2
hl7:representedCustodianOrganization		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**M**	The custodian's id.	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 … 1**	**R**	The custodian's name.	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2

└ hl7:addr	**AD**	**0 … ***		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.2.4 *Recipient - informationRecipient* (DYNAMIC)	
└ hl7:informationRecipient		**1 … ***	**M**	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). **Recipient types:** ▪ The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. ▪ Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
└ @typeCode	cs	**0 … 1**		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 *x_InformationRecipient* (DYNAMIC)			
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.4	

└ hl7:intendedRecipient		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**0 … ***	**R**	The recipient's identification(s).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:informationRecipient		**0 … 1**		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:receivedOrganization		**0 … 1**		The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.5 *Legal Authenticator* (DYNAMIC)	

hl7:legalAuthenticator		**0 … 1**		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.5	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			

hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.6 *Authenticator* (DYNAMIC)	
hl7:authenticator		**0 … 1**		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.6	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	

	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.16 *Order Reference - inFulfillmentOf* (DYNAMIC)	
hl7:inFulfillmentOf		**0 … 1**		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.16	
hl7:order		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**R**	Order number.	CDA-CH V2
@root	uid	**1 … 1**	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
@extension	st	**0 … 1**		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	

Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.46 *Health Service - documentationOf* (DYNAMIC)	
└ hl7:documentationOf		**0 … 1**		Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	DOC	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.46	
└ hl7:serviceEvent		**1 … 1**	**R**		CDA-CH V2
└ @classCode	cs	**1 … 1**	F	ACT	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:id	**II**	**0 … ***		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	

└ hl7:code	**CE**	**1 … 1**	**R**	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
└ @nullFlavor	st	**1 … 1**	F	NAV	
└ @code	cs	0	NP	NP/not present	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Duration of the health service.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the health service.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	
hl7:performer		**0 … ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
@typeCode	cs	**1 … 1**	F	PRF	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 … 1**	**R**		CDA-CH V2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	

hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

Schematron assert	role: error test: not(@code='133932002') or (hl7:originalText/text()) Message: Other Caregivers description MUST be declared in the originalText element.

Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.

hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2

└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Duration of the performance.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the performance.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the performance.	CDA-CH V2
└ hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.14 *Insurance Card - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance card.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	HLD	

hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.14	
hl7:time	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 … 1**			CDA-CH V2
@nullFlavor	cs	**1 … 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	POLHOLD	
hl7:id	**II**	**1 … 1**	**R**	The insurance card's id.	CDA-CH V2

└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.123.100.1.1.1	
└ @extension	st	**1 … 1**	R	Number of the insurance card.	
└ hl7:associatedPerson		**0 … 1**		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**0 … 1**		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.15 *Insurance - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	COV	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.15	
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Validity period of the contract.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the contract.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the contract.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	PAYOR	
hl7:id	**II**	**1 … 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**1 … 1**	**R**	The underlying law for the contract.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV	
@code	cs	**0 … 1**		832.10, 832.20, 221.229.1, 833.1, 831.20	

└ @codeSystem	oid	**0 … 1**	F	2.16.756.5.30.2.1.1.11	
└ @codeSystemName	st	**0 … 1**	F	ins-laws	
└ @displayName	st	**0 … 1**		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
└ hl7:associatedPerson		**0 … 1**		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**1 … 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.13 *Document Replacement - relatedDocument* (DYNAMIC)	
└ hl7:relatedDocument		**0 … ***		Relationship to another CDA-CH V2 based document that is replaced by the current one. **Notes:** For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid:	CDA-CH V2

				▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	
└ @typeCode	cs	**1 … 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.13	
└ hl7:parentDocument		**1 … 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
└ hl7:id	**II**	**1 … 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The id (GUID) of the document to be replaced.	
└ @extension	st	0	NP	NP/not present	
└ hl7:setId	**II**	**1 … 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2

└ @extension	st	0	NP	NP/not present	
└ @root	uid	**1 … 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
└ hl7:versionNumber	**INT**	**1 … 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	@value > /hl7:ClinicalDocument/hl7:versionNumber/@value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
└ hl7:component		**1 … 1**	**R**		(CDA...-V2)
└ hl7:structuredBody		**1 … 1**	**R**		(CDA...-V2)
└ hl7:component		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.3.47 *Immunizations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					

└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.25 *Active Problems Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.50 *History Of Past Illness Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.51 *Allergies and other Adverse Reactions Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.46 *Other Relevant Observations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.3 *Laboratory Speciality Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section [hl7:code [concat(@code, @codeSystem) = doc('include/voc-1.3.6.1.4.1.19376.1.3.11.1-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]]*					

└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.53 *Current Pregnancy Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.2 *Remarks Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					

Schematron assert	role	warning
	test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])
	Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.
Schematron report	role	warning
	test	//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole
	Message	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.
Schematron assert	role	error
	test	not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])
	Message	Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.

1.1.1.4 Immunization Recommendation Response

Id	2.16.756.5.30.1.1.10.1.18	**Effective Date**	2018-04-19

Status	Under pre-publication review	**Version Label**	2018
Name	CDA-CH-VACD-RSP-V2	**Display Name**	Immunization Recommendation Response
Description	Swiss eVACDOC - Immunization Recommendation Response		
Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 0 templates, Uses 28 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.25	Include	Document Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.18	Include	Document Template Ids CDA-CH v2.0 - structuredBody (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.71	Include	Document Template Ids CDA-CH-VACD V2 non Swiss EPR (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.63	Include	Document Code (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include	Document Confidentiality Code (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.22	Include	Document Language (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.20	Include	Document Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.69	Include	Masked Patient - recordTarget (2018)	DYNAMIC
2.16.756.5.30.1.1.10.9.23	Include	Author (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.7	Include	Data Enterer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.3	Include	Custodian (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.4	Include	Recipient - informationRecipient (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.5	Include	Legal Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.6	Include	Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include	Order Reference - inFulfillmentOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.15	Include	Insurance - participant (2017)	DYNAMIC

2.16.756.5.30.1.1.10.2.13	Include	Document Replacement - relatedDocument (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.47	Containment	Immunizations Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.25	Containment	Active Problems Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.50	Containment	History Of Past Illness Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.51	Containment	Allergies and other Adverse Reactions Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.46	Containment	Other Relevant Observations Section - coded (2018)	DYNAMIC
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section - coded (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	DYNAMIC
2.16.756.5.30.1.1.10.3.48	Containment	Immunization Recommendations Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.2	Containment	Remarks Section - coded (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.1.14 (DYNAMIC)
Specialization: template 2.16.756.5.30.1.1.10.1.9 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.2 (2005-09-07)

Example

Example

```
<!-- See http://svn.code.sf.net/p/hl7ch/code/trunk/projects/eHealthSuisse/eVACDOC/v2.0/ for examples -->
```

Item	DT	Card	Conf	Description	Label
hl7:ClinicalDocument		1 … 1	M	Swiss eVACDOC - Immunization Recommendation Response Conformity rules that are not further modelled in ART-DECOR:	(CDA...-V2)

				▪ **XML encoding** UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?> ▪ **Phone numbers** Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telephone number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.25 *Document Realm* (DYNAMIC)	
└ `hl7:realmCode`	**CS**	**1 … 1**	**M**	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└ `@code`	CONF	**1 … 1**	**F**	CHE	
└ `hl7:typeId`	**II**	**1 … 1**	**M**	HL7 CDA R2, 2005	(CDA...-V2)
└ `@root`	uid	**1 … 1**	F	2.16.840.1.113883.1.3	
└ `@extension`	st	**1 … 1**	F	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.10.2.18 *Document Template Ids CDA-CH v2.0 - structuredBody* (DYNAMIC)	

└ hl7:templateId		II	0 … 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└ @root		uid	1 … 1	F	2.16.756.5.30.1.1.1.1.4	
└ hl7:templateId		II	1 … 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
└ @root		uid	1 … 1	F	2.16.840.1.113883.10.12.2	
└ hl7:templateId		II	1 … 1	M	HL7 CDA R2 (2005).	CDA-CH V2
└ @root		uid	1 … 1	F	2.16.840.1.113883.10.12.1	
Included					from 2.16.756.5.30.1.1.10.2.71 *Document Template Ids CDA-CH-VACD V2 non Swiss EPR* (DYNAMIC)	
└ hl7:templateId		II	0 … 1		CDA-CH-VACD / eVACDOC V2 specification. This is an informational reference, only.	CDA-...VACD
└ @root		uid	1 … 1	F	2.16.756.5.30.1.1.1.1.3.5.2	
└ hl7:templateId		II	1 … 1	M	Immunization Content (IC) Content Module, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD

└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2	
└ hl7:templateId	II	1 … 1	M	Medical Documents Specification, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.1	
	Schematron assert	role	error		
		test	not(/hl7:ClinicalDocument/hl7:templateId[@root='2.16.756.5.30.1.127.1.4'])		
		Message	This document is not allowed for the Swiss EPR. It therefore MAY NOT contain the templateID for exchange formats according to the Swiss EPR.		
└ hl7:templateId	II	1 … 1	M	CDA-CH-VACD / Immunization Recommendation Response ART-DECOR model.	(CDA...-V2)
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.1.18	
Included		1 … 1	M	from 2.16.756.5.30.1.1.10.2.63 *Document Code* (DYNAMIC)	
└ hl7:code	CE	1 … 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. The LOINC code of the document MUST read according to IHE PCC TF2, Rev.11: 11369-6 (HISTORY OF IMMUNIZATIONS)	IHE PCC TF2 Rev.11, 6.3.1.10.1
└ @code	cs	1 … 1	F	11369-6	
└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 … 1	F	LOINC	
└ @displayName	st	1 … 1	F	HISTORY OF IMMUNIZATIONS	

hl7:translation	**CD**	**1 … 1**	**M**	The translation to the Swiss EPR XDS.b metadata.	IHE PCC TF2 Rev.11, 6.3.1.10.1
@code	cs	**1 … 1**	F	41000179103	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	F	Immunization record	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *EprDocumentType-Code* (DYNAMIC)			
hl7:title	**ST**	**1 … 1**	**M**	The document title MUST read: ▪ [en]: 'Immunization Recommendation' ▪ [de]: 'Impfempfehlung' ▪ [fr]: 'TOTRANSLATE-FR' ▪ [it]: 'TOTRANSLATE-IT'	(CDA...-V2)
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or starts-with(text(),'Immunization Recommendation')		
		Message	The English title MUST read 'Immunization Recommendation'		
	Schematron assert	role	error		
		test	not($languageCode='de') or starts-with(text(),'Impfempfehlung')		
		Message	The German title MUST read 'Impfempfehlung'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or starts-with(text(),'TOTRANSLATE-FR')		

		Message	The French title MUST read 'TOTRANSLATE-FR'		
	Schematron assert	role	error		
		test	not($languageCode='it') or starts-with(text(),'TOTRANSLATE-IT')		
		Message	The Italian title MUST read 'TOTRANSLATE-IT'		
hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**M**	ClinicalDocument/effectiveTime MUST exist. It contains the creation date and time of the laboratory report. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	(CDA...-V2)
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.19 *Document Confidentiality Code* (DYNAMIC)	
hl7:confidentialityCode	**CE** (required)	**1 … 1**	**M**	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
@code	cs	**1 … 1**	R	The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R	The value of @displayName MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 *EprDocumentConfidentialityCode* (DYNAMIC)			
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.22 *Document Language* (DYNAMIC)	
hl7:languageCode	**CS**	**1 … 1**	**M**	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2

	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.20 *Document Set Id and Version Number* (DYNAMIC)	
└ hl7:setId	**II**	**1 … 1**	**M**	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
└ @extension	st	0	NP	NP/not present	
	Schematron assert	role		error	
		test		(parent::*/hl7:versionNumber[@value='1'] and @root=parent::*/hl7:id/@root and (@extension=parent::*/hl7:id/@extension or (not(@extension) and not(parent::*/hl7:id/@extension)))) or (parent::*/hl7:versionNumber[not(@value='1')] and ((@root=parent::*/hl7:id/@root and @extension and not(@extension=parent::*/hl7:id/@extension)) or(not(@root=parent::*/hl7:id/@root))))	
		Message		The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.	
└ hl7:versionNumber	**INT.NONNEG**	**1 … 1**	**M**	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.69 *Masked Patient - recordTarget* (DYNAMIC)	
└ hl7:recordTarget		**1 … 1**	**M**	A human patient for whom this CDA document instance was created. Its demographic data is masked as much as possible. Only the demographic information (such as gender, birthdate and city) that is needed for a immunization recommendation is allowed.	CDA-...VACD

hl7:templateId	II	1 … 1	M		CDA-...VACD
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.69	
hl7:templateId	II	1 … 1	M		CDA-...VACD
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.1	
hl7:patientRole		1 … 1	R		CDA-...VACD
hl7:id	II	1 … *	M	The patient's id. This information is mandatory to assign immunization recommendation responses to the correct patient in the requester's information system, because demographic data is masked.	CDA-...VACD
@root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:addr	AD	1 … 1	R	The patient's address MUST be masked.	CDA-...VACD

hl7:city	**ADXP**	**1 … 1**	**R**	Addressed city (in foreign addresses if necessary including province, etc.). When using the information according to the Swiss Post, the 27-digit city name must be used.	CDA-...VACD
hl7:postalCode	**ADXP**	**1 … 1**	**R**	Postal code given by Swiss Post or postal code issued by a post office abroad, that can consist of numbers, letters or a combination of both, possibly even special characters.	CDA-...VACD
hl7:country	**ADXP**	**1 … 1**	**R**	Two-digit, alphanumeric ISO country code according to [ISO 3166-1] of the country in which the address is located. The country defines the conventions for addressing. The country code MUST also be declared for Swiss postal addresses. Caution: Political changes or renaming of countries will result in adjustments to the ISO country list. The length of the feature is 2 characters.	CDA-...VACD
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.24.2		
		test	string-length(text()) < 3		
		Message	eCH-0010 restricts the content length to max. 2 characters		
	Schematron assert	role	error		
		test	count(child::*)=3 and hl7:postalCode and hl7:city and hl7:country		
		Message	Detailed address elements are NOT ALLOWED for masked patients. Only postalCode, city and country MUST be filled.		
hl7:telecom	**TEL**	**0 … 1**	**R**	The patient's means of communication (phone, eMail, ...) MUST be masked, if present.	CDA-...VACD
@nullFlavor		**1 … 1**	F	MSK	
	Schematron assert	role	error		

		test	not(@value)		
		Message	Telecom values are NOT ALLOWED for masked patients.		
hl7:patient		**1 … 1**	**R**		CDA-...VACD
hl7:name	**PN**	**0 … 1**	**R**	The person's name MUST be masked, if present.	CDA-...VACD
@nullFlavor		**1 … 1**	F	MSK	
	Schematron assert	role	error		
		test	count(child::*)=0		
		Message	Name elements are NOT ALLOWED for masked patients.		
hl7:administrativeGenderCode	**CE**	**1 … 1**	**M**	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-...VACD
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.1	
@codeSystemName	st	**1 … 1**	F	HL7 AdministrativeGender	
@displayName	st	**1 … 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 *EprGender* (DYNAMIC)			

hl7:birthTime	**TS.CH.TZ**	**1 … 1**	**R**	The patient's birthdate.	CDA-...VACD
hl7:maritalStatusCode	**CE**		**NP**	The patient's marital status is NOT ALLOWED.	CDA-...VACD
hl7:religiousAffiliationCode	**CE**		**NP**	The patient's religion is NOT ALLOWED.	CDA-...VACD
hl7:guardian			**NP**	The patient's guardian is NOT ALLOWED.	CDA-...VACD
hl7:birthplace			**NP**	The patient's birthplace is NOT ALLOWED.	CDA-...VACD
hl7:languageCommunication			**NP**	The patient's language skills are NOT ALLOWED.	CDA-...VACD
hl7:providerOrganization			**NP**	The organization who took care of the patient in the same context with the current CDA document is NOT ALLOWED.	CDA-...VACD
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.9.23 *Author* (DYNAMIC)	

hl7:author		**1 … ***	**M**	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.23	
hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@nullFlavor	st	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**0 … 1**	F	SNOMED CT	
@displayName	st	**0 … 1**			
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)			
	Example	Patient			

		<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>			
	Example	Nurse <functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>			
	Example	Home helper <functionCode nullFlavor="NAV"> <originalText>Home helper</originalText> </functionCode>			
	Example	Laboratory technician <functionCode nullFlavor="NAV"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>			
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		

hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 … 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
hl7:id	**II**	**1 … 1**	**R**	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 … 1**	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	**0 … 1**		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED		

hl7:id	**II**	**0 … ***		Other ids are allowed.	CDA-CH V2
@root	cs	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:addr	**AD**	**0 … ***		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		**1 … 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 … 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:assignedAuthoringDevice		**0 … 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2

└ hl7:representedOrganization		**0 … 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.7 *Data Enterer* (DYNAMIC)	
└ hl7:dataEnterer		**0 … 1**		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.7	
└ hl7:time	**TS.CH.TZ**	**0 … 1**		Timestamp of the data input.	CDA-CH V2
└ hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.3 *Custodian* (DYNAMIC)	
└ hl7:custodian		**1 … 1**	**M**	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2

└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.3	
└ hl7:assignedCustodian		**1 … 1**	**R**		CDA-CH V2
└ hl7:representedCustodianOrganization		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**1 … ***	**M**	The custodian's id.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:name	**ON**	**1 … 1**	**R**	The custodian's name.	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2

hl7:addr	**AD**	**0 … ***		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.2.4 *Recipient - informationRecipient* (DYNAMIC)	
hl7:informationRecipient		**1 … ***	**M**	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). **Recipient types:** ▪ The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. ▪ Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
@typeCode	cs	**0 … 1**		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 *x_InformationRecipient* (DYNAMIC)			
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.4	

└ hl7:intendedRecipient		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**0 … ***	**R**	The recipient's identification(s).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:informationRecipient		**0 … 1**		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:receivedOrganization		**0 … 1**		The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.5 *Legal Authenticator* (DYNAMIC)	

hl7:legalAuthenticator		**0 … 1**		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.5	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			

hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.6 *Authenticator* (DYNAMIC)	
hl7:authenticator		**0 … 1**		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.6	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	

	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.16 *Order Reference - inFulfillmentOf* (DYNAMIC)	
hl7:inFulfillmentOf		**0 … 1**		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.16	
hl7:order		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**R**	Order number.	CDA-CH V2
@root	uid	**1 … 1**	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
@extension	st	**0 … 1**		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	

Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.46 *Health Service - documentationOf* (DYNAMIC)	
└ hl7:documentationOf		**0 … 1**		Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	DOC	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.46	
└ hl7:serviceEvent		**1 … 1**	**R**		CDA-CH V2
└ @classCode	cs	**1 … 1**	F	ACT	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:id	**II**	**0 … ***		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	

└ hl7:code	**CE**	**1 … 1**	**R**	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
└ @nullFlavor	st	**1 … 1**	F	NAV	
└ @code	cs	0	NP	NP/not present	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Duration of the health service.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the health service.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	
hl7:performer		**0 … ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
@typeCode	cs	**1 … 1**	F	PRF	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 … 1**	**R**		CDA-CH V2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	

hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		

CONF: The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)

Example

```
<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>
```

Example

```
<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">
  <originalText>Home helper</originalText>
</functionCode>
```

Example

```
<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">
  <originalText>Laboratory technician</originalText>
  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>
</functionCode>
```

Schematron assert

role	error
test	not(@code='133932002') or (hl7:originalText/text())
Message	Other Caregivers description MUST be declared in the originalText element.

Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.

hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2

└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Duration of the performance.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the performance.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the performance.	CDA-CH V2
└ hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.14 *Insurance Card - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance card.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	HLD	

hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.14	
hl7:time	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 … 1**			CDA-CH V2
@nullFlavor	cs	**1 … 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	POLHOLD	
hl7:id	**II**	**1 … 1**	**R**	The insurance card's id.	CDA-CH V2

└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.123.100.1.1.1	
└ @extension	st	**1 … 1**	R	Number of the insurance card.	
└ hl7:associatedPerson		**0 … 1**		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**0 … 1**		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.15 *Insurance - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	COV	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.15	
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Validity period of the contract.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the contract.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the contract.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	PAYOR	
hl7:id	**II**	**1 … 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**1 … 1**	**R**	The underlying law for the contract.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV	
@code	cs	**0 … 1**		832.10, 832.20, 221.229.1, 833.1, 831.20	

└ @codeSystem	oid	**0 … 1**	F	2.16.756.5.30.2.1.1.11	
└ @codeSystemName	st	**0 … 1**	F	ins-laws	
└ @displayName	st	**0 … 1**		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
└ hl7:associatedPerson		**0 … 1**		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**1 … 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.13 *Document Replacement - relatedDocument* (DYNAMIC)	
└ hl7:relatedDocument		**0 … ***		Relationship to another CDA-CH V2 based document that is replaced by the current one. **Notes:** For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid:	CDA-CH V2

				▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	
└ @typeCode	cs	**1 … 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.13	
└ hl7:parentDocument		**1 … 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
└ hl7:id	**II**	**1 … 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The id (GUID) of the document to be replaced.	
└ @extension	st	0	NP	NP/not present	
└ hl7:setId	**II**	**1 … 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2

└ @extension	st	0	NP	NP/not present	
└ @root	uid	**1 … 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
└ hl7:versionNumber	**INT**	**1 … 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	@value > /hl7:ClinicalDocument/hl7:versionNumber/@value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
└ hl7:component		**1 … 1**	**R**		(CDA...-V2)
└ hl7:structuredBody		**1 … 1**	**R**		(CDA...-V2)
└ hl7:component		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.3.47 *Immunizations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					

└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.25 *Active Problems Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.50 *History Of Past Illness Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.51 *Allergies and other Adverse Reactions Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.46 *Other Relevant Observations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.3 *Laboratory Speciality Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section [hl7:code [concat(@code, @codeSystem) = doc('include/voc-1.3.6.1.4.1.19376.1.3.11.1-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]]*					

└ hl7:component		0 … 1		Contains 2.16.756.5.30.1.1.10.3.53 *Current Pregnancy Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		1 … 1	R	Contains 2.16.756.5.30.1.1.10.3.48 *Immunization Recommendations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		0 … 1		Contains 2.16.756.5.30.1.1.10.3.2 *Remarks Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					

Schematron assert	role	warning
	test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])
	Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.
Schematron report	role	warning
	test	//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole
	Message	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.
Schematron assert	role	error
	test	not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])

Message	Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.

1.1.1.5 Vaccination Record

Id	2.16.756.5.30.1.1.10.1.19	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	CDA-CH-VACD-VRC-V2	**Display Name**	Vaccination Record
Description	Swiss eVACDOC - Vaccination Record		
Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 0 templates, Uses 27 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.25	Include	Document Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.18	Include	Document Template Ids CDA-CH v2.0 - structuredBody (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.67	Include	Document Template Ids CDA-CH-VACD V2 for Swiss EPR (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.63	Include	Document Code (2018)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include	Document Confidentiality Code (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.22	Include	Document Language (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.20	Include	Document Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.68	Include	Human Patient - recordTarget (2018)	DYNAMIC
2.16.756.5.30.1.1.10.9.23	Include	Author (2017)	DYNAMIC

2.16.756.5.30.1.1.10.2.7	Include	Data Enterer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.3	Include	Custodian (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.4	Include	Recipient - informationRecipient (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.5	Include	Legal Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.6	Include	Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include	Order Reference - inFulfillmentOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.15	Include	Insurance - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.13	Include	Document Replacement - relatedDocument (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.47	Containment	Immunizations Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.25	Containment	Active Problems Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.50	Containment	History Of Past Illness Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.51	Containment	Allergies and other Adverse Reactions Section - coded (2016)	DYNAMIC
2.16.756.5.30.1.1.10.3.46	Containment	Other Relevant Observations Section - coded (2018)	DYNAMIC
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section - coded (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	DYNAMIC
2.16.756.5.30.1.1.10.3.2	Containment	Remarks Section - coded (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.1.14 (DYNAMIC)
Specialization: template 2.16.756.5.30.1.1.10.1.9 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.2 (2005-09-07)

Example

Example

```
<!-- See http://svn.code.sf.net/p/hl7ch/code/trunk/projects/eHealthSuisse/eVACDOC/v2.0/ for examples -->
```

Item	DT	Card	Conf	Description	Label
hl7:ClinicalDocument		1 … 1	M	Swiss eVACDOC - Vaccination Record Conformity rules that are not further modelled in ART-DECOR: ▪ **XML encoding** UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?> ▪ **Phone numbers** Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telephone number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	(CDA...-V2)
Included		1 … 1	M	from 2.16.756.5.30.1.1.10.2.25 *Document Realm* (DYNAMIC)	
└ hl7:realmCode	CS	1 … 1	M	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└ @code	CONF	1 … 1	F	CHE	
└ hl7:typeId	II	1 … 1	M	HL7 CDA R2, 2005	(CDA...-V2)

└ @root	uid	**1 … 1**	F	2.16.840.1.113883.1.3	
└ @extension	st	**1 … 1**	F	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.10.2.18 *Document Template Ids CDA-CH v2.0 - structuredBody* (DYNAMIC)	
└ hl7:templateId	**II**	**0 … 1**		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.1.1.4	
└ hl7:templateId	**II**	**1 … 1**	**M**	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.840.1.113883.10.12.2	
└ hl7:templateId	**II**	**1 … 1**	**M**	HL7 CDA R2 (2005).	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.840.1.113883.10.12.1	
Included				from 2.16.756.5.30.1.1.10.2.67 *Document Template Ids CDA-CH-VACD V2 for Swiss EPR* (DYNAMIC)	
└ hl7:templateId	**II**	**0 … 1**		CDA-CH-VACD / eVACDOC V2 specification. This is an informational reference, only.	CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.1.1.3.5.2	

hl7:templateId	II	0 … 1		Exchange format according to the Swiss EPR. This templateId MUST be present, when submitting a document to a XDS.b Registry/Repository according the Federal Act on the Electronic Patient Record (EPRA). It MAY be omitted for other use cases.	CDA-...VACD
@root	uid	1 … 1	F	2.16.756.5.30.1.127.1.4	
	Schematron assert	role	error		
		test	not(//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')])		
		Message	The Swiss Social Security number is not allowed for the Swiss EPR.		
hl7:templateId	II	1 … 1	M	Immunization Content (IC) Content Module, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2	
hl7:templateId	II	1 … 1	M	Medical Documents Specification, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.1	
hl7:templateId	II	1 … 1	M	CDA-CH-VACD / Vaccination Record ART-DECOR model.	(CDA...-V2)
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.1.19	
Included		1 … 1	M	from 2.16.756.5.30.1.1.10.2.63 *Document Code* (DYNAMIC)	

hl7:code	**CE**	**1 … 1**	**M**	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. The LOINC code of the document MUST read according to IHE PCC TF2, Rev.11: 11369-6 (HISTORY OF IMMUNIZATIONS)	IHE PCC TF2 Rev.11, 6.3.1.10.1
@code	cs	**1 … 1**	F	11369-6	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 … 1**	F	LOINC	
@displayName	st	**1 … 1**	F	HISTORY OF IMMUNIZATIONS	
hl7:translation	**CD**	**1 … 1**	**M**	The translation to the Swiss EPR XDS.b metadata.	IHE PCC TF2 Rev.11, 6.3.1.10.1
@code	cs	**1 … 1**	F	41000179103	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	F	Immunization record	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *EprDocumentType-Code* (DYNAMIC)			
hl7:title	**ST**	**1 … 1**	**M**	The document title MUST read: ▪ [de]: 'Impfdossier' ▪ [fr]: 'TOTRANSLATE-FR' ▪ [it]: 'TOTRANSLATE-IT'	(CDA...-V2)

				▪ [en]: 'Vaccination Record'	
	Variable let	Name		languageCode	
		Value		substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)	
	Schematron assert	role		error	
		test		not($languageCode='en') or starts-with(text(),'Vaccination Record')	
		Message		The English title MUST read 'Vaccination Record'	
	Schematron assert	role		error	
		test		not($languageCode='de') or starts-with(text(),'Impfdossier')	
		Message		The German title MUST read 'Impfdossier'	
	Schematron assert	role		error	
		test		not($languageCode='fr') or starts-with(text(),'TOTRANSLATE-FR')	
		Message		The French title MUST read 'TOTRANSLATE-FR'	
	Schematron assert	role		error	
		test		not($languageCode='it') or starts-with(text(),'TOTRANSLATE-IT')	
		Message		The Italian title MUST read 'TOTRANSLATE-IT'	
hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**M**	ClinicalDocument/effectiveTime MUST exist. It contains the creation date and time of the laboratory report. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	(CDA...-V2)
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.19 *Document Confidentiality Code* (DYNAMIC)	
hl7:confidentialityCode	**CE** (required)	**1 … 1**	**M**	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
@code	cs	**1 … 1**	R	The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	

└ @codeSystemName	st	1 … 1	F	SNOMED CT	
└ @displayName	st	1 … 1	R	The value of @displayName MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 *EprDocumentConfidentialityCode* (DYNAMIC)			
Included		1 … 1	M	from 2.16.756.5.30.1.1.10.2.22 *Document Language* (DYNAMIC)	
└ hl7:languageCode	**CS**	1 … 1	M	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
Included		1 … 1	M	from 2.16.756.5.30.1.1.10.2.20 *Document Set Id and Version Number* (DYNAMIC)	
└ hl7:setId	**II**	1 … 1	M	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
└ @root	uid	1 … 1	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
└ @extension	st	0	NP	NP/not present	
	Schematron assert	role		error	
		test		(parent::*/hl7:versionNumber[@value='1'] and @root=parent::*/hl7:id/@root and (@extension=parent::*/hl7:id/@extension or (not(@extension) and not(parent::*/hl7:id/@extension)))) or (parent::*/hl7:versionNumber[not(@value='1')] and ((@root=parent::*/hl7:id/@root and @extension and not(@extension=parent::*/hl7:id/@extension)) or(not(@root=parent::*/hl7:id/@root))))	
		Message		The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.	

└ hl7:versionNumber	**INT.NONNEG**	**1 … 1**	**M**	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Included		**1 … 1**	**M**	from 2.16.756.5.30.1.1.10.2.68 *Human Patient - recordTarget* (DYNAMIC)	
└ hl7:recordTarget		**1 … 1**	**M**	A human patient for whom this CDA document instance was created.	CDA-...VACD
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.68	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.1	
└ hl7:patientRole		**1 … 1**	**R**		CDA-...VACD
└ hl7:id	**II**	**1 … ***	**R**	The patient's id.	CDA-...VACD

└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
└ hl7:telecom	**TEL**	**0 … ***		The patient's means of communication (phone, eMail, ...).	CDA-...VACD
└ hl7:patient		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
where *[hl7:administrativeGenderCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.25-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]*					
└ hl7:administrativeGenderCode	**CE**	**1 … 1**	**M**	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-...VACD
└ @displayName	st	**1 … 1**	R		
└ @code	cs	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	F	HL7 AdministrativeGender	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.1	

	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 *EprGender* (DYNAMIC)			
hl7:birthTime	**TS.CH.TZ**	**1 … 1**	**M**	The patient's birthdate.	CDA-...VACD
hl7:maritalStatusCode	**CE**	**0 … 1**		The patient's marital status.	CDA-...VACD
@displayName	st	**1 … 1**	R		
@code	cs	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	F	HL7 MaritalStatus	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.1.11.12212	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 *MaritalStatus* (DYNAMIC)			
hl7:translation		**0 … ***		A translation of the code to another coding system	CDA-...VACD
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		

hl7:religiousAffiliationCode	**CE**	**0 … 1**		The patient's religion.	CDA-...VACD
@nullFlavor	cs	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**			
@codeSystemName	st	**0 … 1**			
@displayName	st	**0 … 1**			
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)	
		Message		Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.	
hl7:guardian		**0 … ***		The patient's guardian.	CDA-...VACD
hl7:id	**II**	**0 … ***		The guardian's id.	CDA-...VACD
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code	**CE**	**0 … 1**		The guardian's role.	CDA-...VACD
@nullFlavor	cs	**0 … 1**			
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.5.111	
@codeSystemName	st	**0 … 1**	F	HL7RoleCode	
@displayName	st	**0 … 1**			
	Schematron assert	role	error		
		test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))		
		Message	Either nullFlavor or a valid code is required.		
hl7:addr	**AD**	**0 … ***		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
hl7:telecom	**TEL**	**0 … ***		The guardian's means of communication (phone, eMail, ...).	CDA-...VACD
Choice		**1 … 1**		Elements to choose from: ▪ hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	

└ hl7:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
└ hl7:guardianOrganization				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-...VACD
└ hl7:birthplace		**0 … 1**		The patient's birthplace.	CDA-...VACD
└ hl7:place		**1 … 1**			CDA-...VACD
└ hl7:name	**EN**	**0 … 1**		The patient's birthplace name.	CDA-...VACD
└ hl7:addr	**AD**	**1 … 1**	**R**	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
└ hl7:languageCommunication		**0 … ***		The patient's language skills.	CDA-...VACD

hl7:languageCode	**CS**	**1 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
hl7:modeCode	**CE**	**0 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 *LanguageAbilityMode* (DYNAMIC)			
hl7:proficiencyLevelCode	**CE**	**0 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 *LanguageAbilityProficiency* (DYNAMIC)			
hl7:preferenceInd	**BL**	**0 … 1**		In case of @value=true it is the patient's correspondence language.	CDA-...VACD
hl7:providerOrganization		**0 … 1**		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 *Organization Compilation with GLN and name* (DYNAMIC)	CDA-...VACD
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.9.23 *Author* (DYNAMIC)	

hl7:author		**1 … ***	**M**	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.23	
hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@nullFlavor	st	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**0 … 1**	F	SNOMED CT	
@displayName	st	**0 … 1**			
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)			
	Example	Patient			

		<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>			
	Example	Nurse <functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>			
	Example	Home helper <functionCode nullFlavor="NAV"> <originalText>Home helper</originalText> </functionCode>			
	Example	Laboratory technician <functionCode nullFlavor="NAV"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>			
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		

hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 … 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
hl7:id	**II**	**1 … 1**	**R**	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 … 1**	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	**0 … 1**		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED		

└ hl7:id	**II**	**0 … ***		Other ids are allowed.	CDA-CH V2
└ @root	cs	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		**1 … 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
└ hl7:assignedPerson		**0 … 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:assignedAuthoringDevice		**0 … 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2

hl7:representedOrganization		0 … 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		0 … 1		from 2.16.756.5.30.1.1.10.2.7 *Data Enterer* (DYNAMIC)	
hl7:dataEnterer		0 … 1		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	1 … 1	**M**		CDA-CH V2
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.7	
hl7:time	**TS.CH.TZ**	0 … 1		Timestamp of the data input.	CDA-CH V2
hl7:assignedEntity		1 … 1	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		1 … 1	**M**	from 2.16.756.5.30.1.1.10.2.3 *Custodian* (DYNAMIC)	
hl7:custodian		1 … 1	**M**	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2

└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.3	
└ hl7:assignedCustodian		**1 … 1**	**R**		CDA-CH V2
└ hl7:representedCustodianOrganization		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**1 … ***	**M**	The custodian's id.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:name	**ON**	**1 … 1**	**R**	The custodian's name.	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2

└ hl7:addr	**AD**	**0 … ***		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
Included		**1 … ***	**M**	from 2.16.756.5.30.1.1.10.2.4 *Recipient - informationRecipient* (DYNAMIC)	
└ hl7:informationRecipient		**1 … ***	**M**	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). **Recipient types:** ▪ The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. ▪ Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
└ @typeCode	cs	**0 … 1**		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 *x_InformationRecipient* (DYNAMIC)			
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.4	

└ hl7:intendedRecipient		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**0 … ***	**R**	The recipient's identification(s).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:informationRecipient		**0 … 1**		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:receivedOrganization		**0 … 1**		The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.5 *Legal Authenticator* (DYNAMIC)	

hl7:legalAuthenticator		**0 … 1**		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.5	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			

hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.6 *Authenticator* (DYNAMIC)	
hl7:authenticator		**0 … 1**		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.6	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	

	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.16 *Order Reference - inFulfillmentOf* (DYNAMIC)	
hl7:inFulfillmentOf		**0 … 1**		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.16	
hl7:order		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**R**	Order number.	CDA-CH V2
@root	uid	**1 … 1**	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
@extension	st	**0 … 1**		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	

Included		**0 … 1**		from 2.16.756.5.30.1.1.10.2.46 *Health Service - documentationOf* (DYNAMIC)	
└ hl7:documentationOf		**0 … 1**		Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	DOC	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.46	
└ hl7:serviceEvent		**1 … 1**	**R**		CDA-CH V2
└ @classCode	cs	**1 … 1**	F	ACT	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:id	**II**	**0 … ***		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	

└ hl7:code	**CE**	**1 … 1**	**R**	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
└ @nullFlavor	st	**1 … 1**	F	NAV	
└ @code	cs	0	NP	NP/not present	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Duration of the health service.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the health service.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	
hl7:performer		**0 … ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
@typeCode	cs	**1 … 1**	F	PRF	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 … 1**	**R**		CDA-CH V2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	

hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

Schematron assert	role: error test: not(@code='133932002') or (hl7:originalText/text()) Message: Other Caregivers description MUST be declared in the originalText element.

Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.

hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2

└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Duration of the performance.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the performance.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the performance.	CDA-CH V2
└ hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.14 *Insurance Card - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance card.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	HLD	

hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.14	
hl7:time	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 … 1**			CDA-CH V2
@nullFlavor	cs	**1 … 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	POLHOLD	
hl7:id	**II**	**1 … 1**	**R**	The insurance card's id.	CDA-CH V2

└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.123.100.1.1.1	
└ @extension	st	**1 … 1**	R	Number of the insurance card.	
└ hl7:associatedPerson		**0 … 1**		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**0 … 1**		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.15 *Insurance - participant* (DYNAMIC)	
└ hl7:participant		**0 … ***		Information on a patient's insurance.	CDA-CH V2
└ @typeCode	cs	**1 … 1**	F	COV	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.15	
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Validity period of the contract.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the contract.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the contract.	CDA-CH V2
hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
@classCode	cs	**1 … 1**	F	PAYOR	
hl7:id	**II**	**1 … 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**1 … 1**	**R**	The underlying law for the contract.	CDA-CH V2
@nullFlavor	cs	**0 … 1**	F	NAV	
@code	cs	**0 … 1**		832.10, 832.20, 221.229.1, 833.1, 831.20	

└ @codeSystem	oid	**0 … 1**	F	2.16.756.5.30.2.1.1.11	
└ @codeSystemName	st	**0 … 1**	F	ins-laws	
└ @displayName	st	**0 … 1**		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role		error	
		test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
└ hl7:associatedPerson		**0 … 1**		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**1 … 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.2.13 *Document Replacement - relatedDocument* (DYNAMIC)	
└ hl7:relatedDocument		**0 … ***		Relationship to another CDA-CH V2 based document that is replaced by the current one. **Notes:** For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid:	CDA-CH V2

				▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	
└ @typeCode	cs	**1 … 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.13	
└ hl7:parentDocument		**1 … 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
└ hl7:id	**II**	**1 … 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The id (GUID) of the document to be replaced.	
└ @extension	st	0	NP	NP/not present	
└ hl7:setId	**II**	**1 … 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2

└ @extension	st	0	NP	NP/not present	
└ @root	uid	**1 … 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
└ hl7:versionNumber	**INT**	**1 … 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	@value > /hl7:ClinicalDocument/hl7:versionNumber/@value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
└ hl7:component		**1 … 1**	**R**		(CDA...-V2)
└ hl7:structuredBody		**1 … 1**	**R**		(CDA...-V2)
└ hl7:component		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.3.47 *Immunizations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					

└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.25 *Active Problems Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.50 *History Of Past Illness Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.51 *Allergies and other Adverse Reactions Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.46 *Other Relevant Observations Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.3 *Laboratory Speciality Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section [hl7:code [concat(@code, @codeSystem) = doc('include/voc-1.3.6.1.4.1.19376.1.3.11.1-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]]*					

└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.53 *Current Pregnancy Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					
└ hl7:component		**0 … 1**		Contains 2.16.756.5.30.1.1.10.3.2 *Remarks Section - coded* (DYNAMIC)	(CDA...-V2)
where *[hl7:section]*					

Schematron assert	role	warning
	test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])
	Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.
Schematron report	role	warning
	test	//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole
	Message	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.
Schematron assert	role	error
	test	not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])
	Message	Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.

1.1.2 CDA Header Level Templates

1.1.2.1 Assigned Entity Compilation with GLN and name

Id	2.16.756.5.30.1.1.10.9.51	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_AssignedEntityCompilationGlnName	**Display Name**	Assigned Entity Compilation with GLN and name

Description

Reusable template wherever an assigned entity with a required GLN is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 0 templates, Uses 4 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.30	Containment	Organization Compilation with GLN and name (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.9.12 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.153 (2005-09-07)

Example

Example

```
<id root="2.51.1.3" extension="7608888888888"/>
<id root="2.999" extension="p98457u-"/>
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<addr use="WP">
  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
```

Item	DT	Card	Conf	Description	Label

hl7:id	**II**	**1 … 1**	**R**	The assigned entity's GLN (including the assigned person's GLN).	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.51.1.3	
└ @extension	st	**1 … 1**	R	The GLN itself.	
hl7:id	**II**	**0 … ***	**R**	Other assigned entity's id (including the assigned person's id).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**0 … 1**		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)			

	Example	<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
	Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode>				
	Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>				
	Schematron assert	role	error			
		test	not(@code='133932002') or (originalText/text())			
		Message	Other Caregivers description MUST be declared in the originalText element.			
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.		
└ hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2	
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2	
└ @value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.		
	Schematron assert	role	error			
		test	starts-with(@value,'#')			
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.			
	Variable let	Name	idvalue			

		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		
hl7:addr	**AD**	**0 … ***		The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2

hl7:assignedPerson		0 … 1		The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		0 … 1		The assigned organization. Contains 2.16.756.5.30.1.1.10.9.30 *Organization Compilation with GLN and name* (DYNAMIC)	CDA-CH V2

1.1.2.2 Authenticator

Id	2.16.756.5.30.1.1.10.2.6	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_Authenticator	**Display Name**	Authenticator

Description

Information about an authenticator of a CDA document. An authenticator MUST be a person. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.6
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.107 (2005-09-07)

Example

Example

```
<authenticator>
  <templateId root="2.16.756.5.30.1.1.10.2.6"/>
  <time value="20071205"/>
  <signatureCode code="S"/>
  <assignedEntity>
    <id root="2.51.1.3" extension="7604444444444"/>
    <assignedPerson>
      <name>
        <prefix>Dr. med.</prefix>
        <given>Freddy</given>
        <family>Fango</family>
        <suffix>Ärztlicher Leiter</suffix>
      </name>
    </assignedPerson>
  </assignedEntity>
</authenticator>
```

Item	DT	Card	Conf	Description	Label

hl7:authenticator		**0 … ***		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.6	
└ hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
└ hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
└ @code	cs	**1 … 1**	F	S	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			

hl7:assignedEntity		1 … 1	R	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2

1.1.2.3 Custodian

Id	2.16.756.5.30.1.1.10.2.3	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_Custodian	**Display Name**	Custodian

Description

The organization in whose name this CDA document has been created (corresponds to the sender of a letter). All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.3
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18

2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.104 (2005-09-07)

Example

Example

```
<custodian>
  <templateId root="2.16.756.5.30.1.1.10.2.3"/>
  <assignedCustodian>
    <representedCustodianOrganization>
      <id root="2.51.1.3" extension="7601234567890"/>
      <name>Gruppenpraxis CH</name>
      <telecom value="tel:+41.32.234.55.66" use="WP"/>
      <addr use="WP">
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedCustodianOrganization>
  </assignedCustodian>
</custodian>
```

Item	DT	Card	Conf	Description	Label
hl7:custodian		1 .. 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2

hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.3	
hl7:assignedCustodian		**1 … 1**	**R**		CDA-CH V2
hl7:representedCustodianOrganization		**1 … 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 … ***	**M**	The custodian's id.	CDA-CH V2
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 … 1**	**R**	The custodian's name.	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2

hl7:addr	AD	0 … *		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

1.1.2.4 Data Enterer

Id	2.16.756.5.30.1.1.10.2.7	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DataEnterer	**Display Name**	Data Enterer

Description

Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.7
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18

2.16.756.5.30.1.1.10.1.14	CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18	
2.16.756.5.30.1.1.10.1.9	CDA-CH v2.0 - structuredBody (2017)	2018-04-18	
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.103 (2005-09-07)

Example

Example

```
<dataEnterer>
  <templateId root="2.16.756.5.30.1.1.10.2.7"/>
  <time value="201709122029+0200"/>
  <assignedEntity>
    <id root="2.999" extension="0812763"/>
    <assignedPerson>
      <name>
        <given>Jean</given>
        <family>Dupont</family>
      </name>
    </assignedPerson>
  </assignedEntity>
</dataEnterer>
```

Item	DT	Card	Conf	Description	Label
hl7:dataEnterer		**0 … 1**		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2

hl7:templateId	II	1 … 1	M		CDA-CH V2
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.7	
hl7:time	TS.CH.TZ	0 … 1		Timestamp of the data input.	CDA-CH V2
hl7:assignedEntity		1 … 1	R	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2

1.1.2.5 Document Code

Id	2.16.756.5.30.1.1.10.2.63	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	cdachvacd_header_DocumentCode	**Display Name**	Document Code

Description

A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.

The LOINC code of the document MUST read: 11369-6 (HISTORY OF IMMUNIZATIONS)

Context	Pathname

Label	IHE PCC TF2 Rev.11, 6.3.1.10.1
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 5 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.15	Include	Immunization Certificate (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.16	Include	Immunization Administration (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.17	Include	Immunization Recommendation Request (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.18	Include	Immunization Recommendation Response (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.19	Include	Vaccination Record (2018)	2018-04-19

Relationship	Specialization: template 2.16.756.5.30.1.1.10.2.44 (DYNAMIC)

Example

eVACDOC, CDA-CH-VACD V2, Immunization Certificate

```
<!-- IHE IC defines the valid document code -->
<code code="11369-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HISTORY OF IMMUNIZATIONS">
  <!-- Mapping to the Swiss EPR XDS.b metadata accorting to the Value-Set EprDocumentTypeCode (201704.1-beta;
2.16.756.5.30.1.127.3.10.1.27) -->
  <translation code="41000179103" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Immunization re-
cord"/>
</code>
```

Item	DT	Card	Conf	Description	Label
hl7:code	**CE**	**1 .. 1**	**M**	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.	IHE PCC TF2 Rev.11, 6.3.1.10.1

				The LOINC code of the document MUST read according to IHE PCC TF2, Rev.11: 11369-6 (HISTORY OF IMMUNIZATIONS)	
└ @code	cs	**1 … 1**	F	11369-6	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	HISTORY OF IMMUNIZATIONS	
└ hl7:translation	**CD**	**1 … 1**	**M**	The translation to the Swiss EPR XDS.b metadata.	IHE PCC TF2 Rev.11, 6.3.1.10.1
└ @code	cs	**1 … 1**	F	41000179103	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	F	Immunization record	
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *EprDocumentTypeCode* (DYNAMIC)	

1.1.2.6 Document Confidentiality Code

Id	2.16.756.5.30.1.1.10.2.19	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentConfidentialityCode	**Display Name**	Document Confidentiality Code

Description

A confidentiality level of a CDA document instance according to the Swiss EPR regulation. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.

Language dependent references to the Swiss EPR regulation:

- en: Federal Act on the Electronic Patient Record (EPRA), FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3 (Metadata)
- de: Bundesgesetz über das elektronische Patientendossier (EPDG), Verordnung des EDI über das elektronische Patientendossier (EPDV-EDI), Anhang 3 (Metadaten)
- fr: Loi fédérale sur le dossier électronique du patient (LDEP), Ordonnance du DFI sur le dossier électronique du patient (ODEP-DFI), Annexe 3 (Métadonnées)
- it: Legge federale sulla cartella informatizzata del paziente (LCIP), Ordinanza del DFI sulla cartella informatizzata del paziente (OCIP-DFI), Allegato 3 (Metadati)

Context	Pathname
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Example

Example

```
<confidentialityCode code="1051000195109" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="normal"/>
```

Item	DT	Card	Conf	Description	Label
hl7:confidentialityCode	**CE** (required)	**1 … 1**	**M**	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
└ @code	cs	**1 … 1**	R	The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R	The value of @displayName MUST be drawn from value set EprDocumentConfidentiality-Code (2.16.756.5.30.1.127.3.10.1.5)	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 *EprDocumentConfidentialityCode* (DYNAMIC)			

1.1.2.7 Document Language

Id	2.16.756.5.30.1.1.10.2.22	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentLanguage	**Display Name**	Document Language

Description

The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.

Context	Pathname
Label	CDA-CH V2

Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Example

US-English

```
<languageCode code="en-US"/>
```

Example

Swiss-German

```
<languageCode code="de-CH"/>
```

Example

Swiss-French

```
<languageCode code="fr-CH"/>
```

Example

Swiss-Italian

```
<languageCode code="it-CH"/>
```

Item	DT	Card	Conf	Description	Label
hl7:languageCode	**CS**	**1 … 1**	**M**	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			

1.1.2.8 Document Realm

Id	2.16.756.5.30.1.1.10.2.25	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentRealm	**Display Name**	Document Realm
Description	Swiss Realm (CHE) of HL7 CDA. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Pathname		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 3 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.12	Include	CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14	Include	CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9	Include	CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Example	Example `<realmCode code="CHE"/>`

Item	DT	Card	Conf	Description	Label
hl7:realmCode	**CS**	**1 … 1**	**M**	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└ @code	CONF	**1 … 1**	**F**	CHE	

1.1.2.9 Document Replacement - relatedDocument

Id	2.16.756.5.30.1.1.10.2.13	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentReplacement	**Display Name**	Document Replacement - relatedDocument
Description	Relationship to another CDA-CH V2 based document that is replaced by the current one. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.13		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates		

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Relationship	Specialization: template 2.16.840.1.113883.10.12.111 (2005-09-07)

Example

Example

```
<relatedDocument typeCode="RPLC">
  <templateId root="2.16.756.5.30.1.1.10.2.13"/>
  <parentDocument>
    <id root="30E19F60-3DB9-48B8-9BFD-FF04C342D0B1"/>
    <setId root="452A118A-06AB-47D2-A29B-709F7F2EC6FE"/>
    <versionNumber value="5"/>
  </parentDocument>
</relatedDocument>
```

Item	DT	Card	Conf	Description	Label
hl7:relatedDocument		**0 … ***		Relationship to another CDA-CH V2 based document that is replaced by the current one. **Notes:** For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid:	CDA-CH V2

				▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	
└ @typeCode	cs	**1 … 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.13	
└ hl7:parentDocument		**1 … 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
└ hl7:id	**II**	**1 … 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The id (GUID) of the document to be replaced.	
└ @extension	st	0	NP	NP/not present	
└ hl7:setId	**II**	**1 … 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2

└ @extension	st	0	NP	NP/not present	
└ @root	uid	**1 … 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
└ hl7:versionNumber	**INT**	**1 … 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	@value > /hl7:ClinicalDocument/hl7:versionNumber/@value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		

1.1.2.10 Document Set Id and Version Number

Id	2.16.756.5.30.1.1.10.2.20	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentSetIdAndVersionNumber	**Display Name**	Document Set Id and Version Number
Description	Unity of document versions. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Pathname		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 4 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Example

Version 1

```
<!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/
id/@root="807563C2-5146-11D5-A672-00B0D022E945" (equal to setId) -->
<setId root="807563C2-5146-11D5-A672-00B0D022E945"/>
<versionNumber value="1"/>
```

Example

Version 2

```
<!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/
id/@root="FD05DCA1-14A9-4AAE-B57E-6B28E621D853" (not equal to setId)-->
<setId root="807563C2-5146-11D5-A672-00B0D022E945"/>
<versionNumber value="2"/>
```

Item	DT	Card	Conf	Description	Label
hl7:setId	II	1 .. 1	R	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2

└ @root	uid	1 … 1	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
└ @extension	st	0	NP	NP/not present	
	Schematron assert	role	error		
		test	(parent::*/hl7:versionNumber[@value='1'] and @root=parent::*/hl7:id/@root and (@extension=parent::*/hl7:id/@extension or (not(@extension) and not(parent::*/hl7:id/@extension)))) or (parent::*/hl7:versionNumber[not(@value ='1')] and ((@root=parent::*/hl7:id/@root and @extension and not(@extension=parent::*/hl7:id/@extension)) or(not(@root=parent::*/hl7:id/@root))))		
		Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.		
hl7:versionNumber	**INT.NONNEG**	**1 … 1**	**R**	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2

1.1.2.11 Document Template Ids CDA-CH v2.0 - structuredBody

Id	2.16.756.5.30.1.1.10.2.18	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentTemplateIdsCdaChv2.0-structuredBody	**Display Name**	Document Template Ids CDA-CH v2.0 - structuredBody

Description

CDA-CH V2 bases on HL7 CDA R2 (2005) and - by using this template - require a structured body. All CDA-CH V2 derivatives, i.e. Swiss exchange formats SHALL reference this template. These SHALL define further template ids in their own separate templates.

Context	Pathname
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 2 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.14	Include	CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9	Include	CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Example

Example

```
<!-- CDA-CH v2.0 specification (optional, but informative template id). -->
<templateId root="2.16.756.5.30.1.1.1.1.4"/>
<!-- HL7 CDA R2 (2005) having a structuredBody. -->
<templateId root="2.16.840.1.113883.10.12.2"/>
<!-- HL7 CDA R2 (2005). -->
<templateId root="2.16.840.1.113883.10.12.1"/>
```

Item	DT	Card	Conf	Description	Label
hl7:templateId	II	**0 … 1**		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.1.1.4	

hl7:templateId	II	1 … 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
└ @root	uid	1 … 1	F	2.16.840.1.113883.10.12.2	
hl7:templateId	II	1 … 1	M	HL7 CDA R2 (2005).	CDA-CH V2
└ @root	uid	1 … 1	F	2.16.840.1.113883.10.12.1	

1.1.2.12 Document Template Ids CDA-CH-VACD V2 for Swiss EPR

Id	2.16.756.5.30.1.1.10.2.67	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	cdachvacd_header_TemplateIdsCdaChVacdV2Epr	**Display Name**	Document Template Ids CDA-CH-VACD V2 for Swiss EPR
Description	CDA-CH-VACD V2 bases on CDA-CH V2 (2017) and the Immunization Content profile (IHE PCC TF 11.0, 2016). This template defines the rules for documents to be published in the Swiss EPR.		
Context	Pathname		
Label	CDA-CH-VACD		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 3 templates, Uses 0 templates		

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.15	Include	Immunization Certificate (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.16	Include	Immunization Administration (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.19	Include	Vaccination Record (2018)	2018-04-19

Example

Example

```
<ClinicalDocument>
  <!-- ... -->
  <templateId root="2.16.756.5.30.1.1.1.1.3.5.2"/>
  <templateId root="2.16.756.5.30.1.127.1.4"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2"/>
  <!-- ... -->
</ClinicalDocument>
```

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**0 … 1**		CDA-CH-VACD / eVACDOC V2 specification. This is an informational reference, only.	CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.1.1.3.5.2	
hl7:templateId	**II**	**0 … 1**		Exchange format according to the Swiss EPR. This templateId MUST be present, when submitting a document to a XDS.b Registry/Repository according the Federal Act on the Electronic Patient Record (EPRA). It MAY be omitted for other use cases.	CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.127.1.4	
	Schematron assert	role	error		

		test	not(//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')])		
		Message	The Swiss Social Security number is not allowed for the Swiss EPR.		
hl7:templateId	II	1 … 1	M	Immunization Content (IC) Content Module, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2	
hl7:templateId	II	1 … 1	M	Medical Documents Specification, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.1	

1.1.2.13 Document Template Ids CDA-CH-VACD V2 non Swiss EPR

Id	2.16.756.5.30.1.1.10.2.71	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	cdachvacd_header_TemplateIdsCdaChVacdV2NonEpr	**Display Name**	Document Template Ids CDA-CH-VACD V2 non Swiss EPR
Description	CDA-CH-VACD V2 bases on CDA-CH V2 (2017) and the Immunization Content profile (IHE PCC TF 11.0, 2016). This template defines the rules for documents that are not to be published in the Swiss EPR.		
Context	Pathname		
Label	CDA-CH-VACD		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 2 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.17	Include	Immunization Recommendation Request (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.18	Include	Immunization Recommendation Response (2018)	2018-04-19

Example

Example

```
<ClinicalDocument>
  <!-- ... -->
  <templateId root="2.16.756.5.30.1.1.1.1.3.5.2"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2"/>
  <!-- ... -->
</ClinicalDocument>
```

Item	DT	Card	Conf	Description	Label
hl7:templateId	II	0 … 1		CDA-CH-VACD / eVACDOC V2 specification. This is an informational reference, only.	CDA-...VACD
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.1.1.3.5.2	
hl7:templateId	II	1 … 1	M	Immunization Content (IC) Content Module, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.1.2	

hl7:templateId	II	1 ... 1	M	Medical Documents Specification, IHE PCC Technical Framework Revision 11.0 - November 11, 2016.	CDA-...VACD
@root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.1	
	Schematron assert	role	error		
		test	not(/hl7:ClinicalDocument/hl7:templateId[@root='2.16.756.5.30.1.127.1.4'])		
		Message	This document is not allowed for the Swiss EPR. It therefore MAY NOT contain the templateID for exchange formats according to the Swiss EPR.		

1.1.2.14 Health Service - documentationOf

Id	2.16.756.5.30.1.1.10.2.46	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_HealthService	**Display Name**	Health Service - documentationOf
Description	Information about a health service describing the context of this CDA document. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.46		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18

2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.31	Include	Performer (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.110 (2005-09-07)

Example

Case identification and duration

```
<documentationOf typeCode="DOC">
  <templateId root="2.16.756.5.30.1.1.10.2.46"/>
  <serviceEvent classCode="ACT" moodCode="EVN">
    <id root="2.999" extension="FID-124982"/>
    <effectiveTime>
      <low value="20171001"/>
      <high value="20171001"/>
    </effectiveTime>
  </serviceEvent>
</documentationOf>
```

Item	DT	Card	Conf	Description	Label
hl7:documentationOf		**0 … ***		Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	CS	**1 … 1**	F	DOC	

hl7:templateId	II	1 … 1	M		CDA-CH V2
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.46	
hl7:serviceEvent		1 … 1	R		CDA-CH V2
@classCode	cs	1 … 1	F	ACT	
@moodCode	cs	1 … 1	F	EVN	
hl7:id	II	0 … *		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
@root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		The id itself. It MUST be unique within the issuing system.	
hl7:code	CE	1 … 1	R	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
@nullFlavor	st	1 … 1	F	NAV	
@code	cs	0	NP	NP/not present	
@codeSystem	oid	0	NP	NP/not present	

└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Duration of the health service.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the health service.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 … ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	

hl7:performer		**0 … ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
@typeCode	cs	**1 … 1**	F	PRF	
hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 … 1**	**R**		CDA-CH V2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		

	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)		
	Example			`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`		

	Example			`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
				`  <originalText>Home helper</originalText>`
				`</functionCode>`		

	Example			`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
				`  <originalText>Laboratory technician</originalText>`
				`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
				`</functionCode>`		

	Schematron assert	role		error		
		test		not(@code='133932002') or (hl7:originalText/text())		
		Message		Other Caregivers description MUST be declared in the originalText element.		
Included			**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:originalText	**ED**		**0 … 1**	**C**		CDA-CH V2
└ hl7:reference	**TEL**		**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value			**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role		error		
		test		starts-with(@value,'#')		

		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		
hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Duration of the performance.	CDA-CH V2

hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the performance.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the performance.	CDA-CH V2
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2

1.1.2.15 Human Patient - recordTarget

Id	2.16.756.5.30.1.1.10.2.68	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	cdachvacd_header_Patient	**Display Name**	Human Patient - recordTarget
Description	A human patient for whom this CDA document instance was created.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.68		
Label	CDA-CH-VACD		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 3 templates, Uses 4 templates		

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.15	Include	Immunization Certificate (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.16	Include	Immunization Administration (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.19	Include	Vaccination Record (2018)	2018-04-19
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.30	Containment	Organization Compilation with GLN and name (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.2.1 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07)

Example

Sample patient

```
<recordTarget>
  <templateId root="2.16.756.5.30.1.1.10.2.68"/>
  <templateId root="2.16.756.5.30.1.1.10.2.1"/>
  <patientRole>
    <id root="2.999" extension="898989"/>
    <addr use="HP">
      <streetName>Leidensweg</streetName>
      <houseNumber>10</houseNumber>
      <postalCode>9876</postalCode>
      <city>Specimendorf</city>
      <country>CH</country>
    </addr>
    <telecom use="HP" value="tel:+41.32.685.12.34"/>
    <telecom use="PUB" value="mailto:sesuna.tigrinja@sampledomain.ch"/>
    <patient>
      <name>
        <given>Sesuna</given>
        <family>Tigrinja</family>
      </name>
      <administrativeGenderCode code="F" codeSystem="2.16.840.1.113883.5.1" codeSystemName="AdministrativeGender" displayNa-
me="Female"/>
      <birthTime value="20000404"/>
```

```
    </patient>
    <providerOrganization>
      <id root="2.51.1.3" extension="7608888888888"/>
      <name>Gruppenpraxis CH, Dr. med. Allzeit Bereit</name>
    </providerOrganization>
  </patientRole>
</recordTarget>
```

Item	DT	Card	Conf	Description	Label
hl7:recordTarget		**1 … 1**	**R**	A human patient for whom this CDA document instance was created.	CDA-...VACD
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.68	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.1	
└ hl7:patientRole		**1 … 1**	**R**		CDA-...VACD

hl7:id	**II**	**1 … ***	**R**	The patient's id.	CDA-...VACD
@root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:addr	**AD**	**0 … ***		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
hl7:telecom	**TEL**	**0 … ***		The patient's means of communication (phone, eMail, ...).	CDA-...VACD
hl7:patient		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
where *[hl7:administrativeGenderCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.25-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]*					
hl7:administrativeGenderCode	**CE**	**1 … 1**	**M**	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-...VACD
@displayName	st	**1 … 1**	R		
@code	cs	**1 … 1**	R		

└ @codeSystemName	st	1 … 1	F	HL7 AdministrativeGender	
└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.5.1	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 *EprGender* (DYNAMIC)			
└ **hl7:birthTime**	**TS.CH.TZ**	**1 … 1**	**M**	The patient's birthdate.	CDA-...VACD
└ **hl7:maritalStatusCode**	**CE**	**0 … 1**		The patient's marital status.	CDA-...VACD
└ @displayName	st	1 … 1	R		
└ @code	cs	1 … 1	R		
└ @codeSystemName	st	1 … 1	F	HL7 MaritalStatus	
└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.1.11.12212	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 *MaritalStatus* (DYNAMIC)			
└ **hl7:translation**		**0 … ***		A translation of the code to another coding system	CDA-...VACD
└ @code	cs	1 … 1	R		
└ @codeSystem	oid	1 … 1	R		

@codeSystemName	st	1 … 1	R		
@displayName	st	1 … 1	R		
hl7:religiousAffiliationCode	**CE**	**0 … 1**		The patient's religion.	CDA-...VACD
@nullFlavor	cs	0 … 1	F	NAV	
@code	cs	0 … 1			
@codeSystem	oid	0 … 1			
@codeSystemName	st	0 … 1			
@displayName	st	0 … 1			
	Schematron assert	role	error		
		test	(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)		
		Message	Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.		
hl7:guardian		**0 … ***		The patient's guardian.	CDA-...VACD
hl7:id	**II**	**0 … ***		The guardian's id.	CDA-...VACD

└ @root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CE**	**0 … 1**		The guardian's role.	CDA-...VACD
└ @nullFlavor	cs	0 … 1			
└ @code	cs	0 … 1			
└ @codeSystem	oid	0 … 1	F	2.16.840.1.113883.5.111	
└ @codeSystemName	st	0 … 1	F	HL7RoleCode	
└ @displayName	st	0 … 1			
	Schematron assert	role		error	
		test		(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
		Message		Either nullFlavor or a valid code is required.	
└ hl7:addr	**AD**	**0 … ***		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD
└ hl7:telecom	**TEL**	**0 … ***		The guardian's means of communication (phone, eMail, ...).	CDA-...VACD
Choice		**1 … 1**		Elements to choose from:	

				▪ hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	
└ hl7:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...VACD
└ hl7:guardianOrganization				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-...VACD
└ hl7:birthplace		**0 … 1**		The patient's birthplace.	CDA-...VACD
└ hl7:place		**1 … 1**			CDA-...VACD
└ hl7:name	**EN**	**0 … 1**		The patient's birthplace name.	CDA-...VACD
└ hl7:addr	**AD**	**1 … 1**	**R**	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...VACD

└ hl7:languageCommunication		**0 … ***		The patient's language skills.	CDA-...VACD
└ hl7:languageCode	**CS**	**1 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
└ hl7:modeCode	**CE**	**0 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 *LanguageAbilityMode* (DYNAMIC)			
└ hl7:proficiencyLevelCode	**CE**	**0 … 1**			CDA-...VACD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 *LanguageAbilityProficiency* (DYNAMIC)			
└ hl7:preferenceInd	**BL**	**0 … 1**		In case of @value=true it is the patient's correspondence language.	CDA-...VACD

hl7:providerOrganization		0 … 1		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 *Organization Compilation with GLN and name* (DYNAMIC)	CDA-...VACD

1.1.2.16 Insurance - participant

Id	2.16.756.5.30.1.1.10.2.15	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_Insurance	**Display Name**	Insurance - participant
Description	Information on a patient's insurance. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.15		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 4 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC

	2.16.756.5.30.1.1.10.9.26	Containment	Organization Compilation with GLN, name, addr and telecom (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)

Example

Example

```
<participant typeCode="COV">
  <templateId root="2.16.756.5.30.1.1.10.2.15"/>
  <time>
    <low value="20170910"/>
    <high nullFlavor="NASK"/>
  </time>
  <associatedEntity classCode="PAYOR">
    <id root="2.999" extension="23.253-m"/>
    <code code="832.10" codeSystem="2.16.756.5.30.2.1.1.11" codeSystemName="ins-laws" displayName="Federal Act on Health In-
surance (HIA)"/>
    <scopingOrganization>
      <id root="2.51.1.3" extension="7607777777777"/>
      <name>NousPaieronsTous assurances</name>
      <telecom nullFlavor="NASK"/>
      <addr use="WP">
        <streetName>rue payant</streetName>
        <houseNumber>89</houseNumber>
        <postalCode>8888</postalCode>
        <city>Guérison-ville</city>
        <country>CH</country>
      </addr>
    </scopingOrganization>
  </associatedEntity>
</participant>
```

Item	DT	Card	Conf	Description	Label
hl7:participant		0 … *		Information on a patient's insurance.	CDA-CH V2

└ @typeCode	cs	1 … 1	F	COV	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.15	
└ hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Validity period of the contract.	CDA-CH V2
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the contract.	CDA-CH V2
└ hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the contract.	CDA-CH V2
└ hl7:associatedEntity		**1 … 1**	**R**		CDA-CH V2
└ @classCode	cs	1 … 1	F	PAYOR	
└ hl7:id	**II**	**1 … 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2

└ @root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		The id itself. It MUST be unique within the issuing system.	
└ hl7:code	**CE**	**1 … 1**	**R**	The underlying law for the contract.	CDA-CH V2
└ @nullFlavor	cs	0 … 1	F	NAV	
└ @code	cs	0 … 1		832.10, 832.20, 221.229.1, 833.1, 831.20	
└ @codeSystem	oid	0 … 1	F	2.16.756.5.30.2.1.1.11	
└ @codeSystemName	st	0 … 1	F	ins-laws	
└ @displayName	st	0 … 1		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role	error		
		test	(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)		
		Message	Either a valid insurance law or nullFlavor="NAV" is REQUIRED.		
└ hl7:associatedPerson		**0 … 1**		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		**1 … 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2

1.1.2.17 Insurance Card - participant

Id	2.16.756.5.30.1.1.10.2.14	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_InsuranceCard	**Display Name**	Insurance Card - participant
Description	Information on a patient's insurance card. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.14		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 4 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)

Example

Example

```
<participant typeCode="HLD">
  <templateId root="2.16.756.5.30.1.1.10.2.14"/>
  <time>
```

```
    <low nullFlavor="NASK"/>
    <!-- Expiration date of the insurance card. -->
    <high value="20171231"/>
  </time>
  <associatedEntity classCode="POLHOLD">
    <!-- Number of the insurance card. -->
    <id root="2.16.756.5.30.1.123.100.1.1.1" extension="80756123450123456789"/>
    <associatedPerson>
      <!-- Family and given name on the insurance card. -->
      <name>
        <given>Specimen</given>
        <family>Franz</family>
      </name>
    </associatedPerson>
    <scopingOrganization>
      <!-- Name of the issuing insurance. -->
      <name>WirZahlenAlles Versicherungen</name>
    </scopingOrganization>
  </associatedEntity>
</participant>
```

Item	DT	Card	Conf	Description	Label
hl7:participant		**0 ... ***		Information on a patient's insurance card.	CDA-CH V2
└ @typeCode	cs	**1 ... 1**	F	HLD	
└ hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
└ @root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.14	

hl7:time	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 ... 1**			CDA-CH V2
@nullFlavor	cs	**1 ... 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 ... 1**	**R**		CDA-CH V2
@classCode	cs	**1 ... 1**	F	POLHOLD	
hl7:id	**II**	**1 ... 1**	**R**	The insurance card's id.	CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.123.100.1.1.1	
@extension	st	**1 ... 1**	R	Number of the insurance card.	

hl7:associatedPerson		0 … 1		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:scopingOrganization		0 … 1		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2

1.1.2.18 Legal Authenticator

Id	2.16.756.5.30.1.1.10.2.5	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_LegalAuthenticator	**Display Name**	Legal Authenticator

Description

Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.5
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.106 (2005-09-07)

Example

Example

```
<legalAuthenticator>
  <templateId root="2.16.756.5.30.1.1.10.2.5"/>
  <time value="201711101453+0100"/>
  <signatureCode code="S"/>
  <assignedEntity>
    <id nullFlavor="NI"/>
    <assignedPerson>
      <name>Hausarzt</name>
    </assignedPerson>
  </assignedEntity>
</legalAuthenticator>
```

Example

Example

```
<legalAuthenticator>
  <templateId root="2.16.756.5.30.1.1.10.2.5"/>
  <time value="20150604"/>
  <signatureCode code="S"/>
  <assignedEntity>
    <id root="2.51.1.3" extension="7601234567890"/>
    <assignedPerson>
      <name>
        <given>Allzeit</given>
```

```
        <family>Bereit</family>
        <prefix>Dr. med.</prefix>
      </name>
    </assignedPerson>
    <representedOrganization>
      <id root="2.51.1.3" extension="7608888888888"/>
      <name>Gruppenpraxis CH</name>
      <telecom value="tel:+41.32.234.55.66" use="WP"/>
      <telecom value="fax:+41.32.234.55.67" use="WP"/>
      <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
      <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
      <addr use="WP">
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedOrganization>
  </assignedEntity>
</legalAuthenticator>
```

Item	DT	Card	Conf	Description	Label
hl7:legalAuthenticator		**0 … 1**		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.5	

hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the signature.	CDA-CH V2
hl7:signatureCode	**CS**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2

1.1.2.19 Masked Patient - recordTarget

Id	2.16.756.5.30.1.1.10.2.69	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	cdachvacd_header_PatientMasked	**Display Name**	Masked Patient - recordTarget

Description

A human patient for whom this CDA document instance was created. Its demographic data is masked as much as possible. Only the demographic information (such as gender, birthdate and city) that is needed for a immunization recommendation is allowed.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.69
Label	CDA-CH-VACD
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 2 templates, Uses 0 templates
Relationship	Specialization: template 2.16.756.5.30.1.1.10.2.1 (DYNAMIC) Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07)

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.17	Include	Immunization Recommendation Request (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.18	Include	Immunization Recommendation Response (2018)	2018-04-19

Example

Masked patient

```
<recordTarget>
  <templateId root="2.16.756.5.30.1.1.10.2.69"/>
  <templateId root="2.16.756.5.30.1.1.10.2.1"/>
  <patientRole>
    <id root="2.999" extension="your id"/>
    <addr>
      <city>Musterhausen</city>
      <postalCode>8888</postalCode>
      <country>CH</country>
    </addr>
    <telecom nullFlavor="MSK"/>
    <patient>
      <name nullFlavor="MSK">name</name>
      <administrativeGenderCode code="F" codeSystem="2.16.840.1.113883.5.1" codeSystemName="HL7 AdministrativeGender" display-
Name="Female"/>
```

```
      <birthTime value="20010312"/>
    </patient>
  </patientRole>
</recordTarget>
```

Item	DT	Card	Conf	Description	Label
hl7:recordTarget		**1 … 1**	**R**	A human patient for whom this CDA document instance was created. Its demographic data is masked as much as possible. Only the demographic information (such as gender, birthdate and city) that is needed for a immunization recommendation is allowed.	CDA-...VACD
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.69	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.1	
└ hl7:patientRole		**1 … 1**	**R**		CDA-...VACD

└ hl7:id	**II**	**1 … ***	**M**	The patient's id. This information is mandatory to assign immunization recommendation responses to the correct patient in the requester's information system, because demographic data is masked.	CDA-...VACD
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**1 … 1**	**R**	The patient's address MUST be masked.	CDA-...VACD
└ hl7:city	**ADXP**	**1 … 1**	**R**	Addressed city (in foreign addresses if necessary including province, etc.). When using the information according to the Swiss Post, the 27-digit city name must be used.	CDA-...VACD
└ hl7:postalCode	**ADXP**	**1 … 1**	**R**	Postal code given by Swiss Post or postal code issued by a post office abroad, that can consist of numbers, letters or a combination of both, possibly even special characters.	CDA-...VACD
└ hl7:country	**ADXP**	**1 … 1**	**R**	Two-digit, alphanumeric ISO country code according to [ISO 3166-1] of the country in which the address is located. The country defines the conventions for addressing. The country code MUST also be declared for Swiss postal addresses. Caution: Political changes or renaming of countries will result in adjustments to the ISO country list. The length of the feature is 2 characters.	CDA-...VACD
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.24.2		
		test	string-length(text()) < 3		
		Message	eCH-0010 restricts the content length to max. 2 characters		

	Schematron assert	role	error		
		test	count(child::*)=3 and hl7:postalCode and hl7:city and hl7:country		
		Message	Detailed address elements are NOT ALLOWED for masked patients. Only postal-Code, city and country MUST be filled.		
hl7:telecom	**TEL**	**0 … 1**	**R**	The patient's means of communication (phone, eMail, ...) MUST be masked, if present.	CDA-...VACD
@nullFlavor		**1 … 1**	F	MSK	
	Schematron assert	role	error		
		test	not(@value)		
		Message	Telecom values are NOT ALLOWED for masked patients.		
hl7:patient		**1 … 1**	**R**		CDA-...VACD
hl7:name	**PN**	**0 … 1**	**R**	The person's name MUST be masked, if present.	CDA-...VACD
@nullFlavor		**1 … 1**	F	MSK	
	Schematron assert	role	error		
		test	count(child::*)=0		
		Message	Name elements are NOT ALLOWED for masked patients.		

└ hl7:administrativeGenderCode	**CE**	**1 … 1**	**M**	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-...VACD
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.1	
└ @codeSystemName	st	**1 … 1**	F	HL7 AdministrativeGender	
└ @displayName	st	**1 … 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 *EprGender* (DYNAMIC)			
└ hl7:birthTime	**TS.CH.TZ**	**1 … 1**	**R**	The patient's birthdate.	CDA-...VACD
└ hl7:maritalStatusCode	**CE**		**NP**	The patient's marital status is NOT ALLOWED.	CDA-...VACD
└ hl7:religiousAffiliationCode	**CE**		**NP**	The patient's religion is NOT ALLOWED.	CDA-...VACD
└ hl7:guardian			**NP**	The patient's guardian is NOT ALLOWED.	CDA-...VACD

hl7:birthplace			**NP**	The patient's birthplace is NOT ALLOWED.	CDA-...VACD
hl7:languageCommunication			**NP**	The patient's language skills are NOT ALLOWED.	CDA-...VACD
hl7:providerOrganization			**NP**	The organization who took care of the patient in the same context with the current CDA document is NOT ALLOWED.	CDA-...VACD

1.1.2.20 Order Reference - inFulfillmentOf

Id	2.16.756.5.30.1.1.10.2.16	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_OrderReference	**Display Name**	Order Reference - inFulfillmentOf

Description

Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.16
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Relationship

Specialization: template 2.16.840.1.113883.10.12.109 (2005-09-07)

Example

Order reference on a CDA-CH V2 (2017) document

```
<inFulfillmentOf>
  <templateId root="2.16.756.5.30.1.1.10.2.16"/>
  <order>
    <id root="9F44AE66-D70B-46DA-89AD-82A51C7A11C6"/>
  </order>
</inFulfillmentOf>
```

Example

Order reference to an order created by an ERP system

```
<inFulfillmentOf>
  <templateId root="2.16.756.5.30.1.1.10.2.16"/>
  <order>
    <id root="2.999" extension="AU-20170021987"/>
  </order>
</inFulfillmentOf>
```

Item	DT	Card	Conf	Description	Label

hl7:inFulfillmentOf		0 … *		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
└ hl7:templateId	II	1 … 1	M		CDA-CH V2
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.2.16	
└ hl7:order		1 … 1	R		CDA-CH V2
└ hl7:id	II	1 … *	R	Order number.	CDA-CH V2
└ @root	uid	1 … 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
└ @extension	st	0 … 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	

1.1.2.21 Recipient - informationRecipient

Id	2.16.756.5.30.1.1.10.2.4	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_InformationRecipient	**Display Name**	Recipient - informationRecipient

Description

A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.4
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 3 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.105 (2005-09-07)

Example

Primary Recipient

```
<informationRecipient typeCode="PRCP">
  <templateId root="2.16.756.5.30.1.1.10.2.4"/>
  <intendedRecipient>
    <informationRecipient>
```

```
      <name>Kurhaus Blumenalp, Zentrum für orthopädische Rehabilitation, Aerztliche Leitung</name>
    </informationRecipient>
    <receivedOrganization>
      <addr use="WP">
        <postalCode>9876</postalCode>
        <city>Blumenalp</city>
        <country>CH</country>
      </addr>
    </receivedOrganization>
  </intendedRecipient>
</informationRecipient>
```

Example

Other Recipient

```
<informationRecipient typeCode="TRC">
  <templateId root="2.16.756.5.30.1.1.10.2.4"/>
  <intendedRecipient>
    <informationRecipient>
      <name>Gruppenpraxis CH, Dr. med. Allzeit Bereit, FMH Allgemeine Medizin</name>
    </informationRecipient>
    <receivedOrganization>
      <addr use="WP">
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <postalCode>8888</postalCode>
        <city>Musterhausen</city>
        <country>CH</country>
      </addr>
    </receivedOrganization>
  </intendedRecipient>
</informationRecipient>
```

Item	DT	Card	Conf	Description	Label
hl7:informationRecipient		1 … *	R	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). **Recipient types:** ▪ The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient).	CDA-CH V2

				Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. ▪ Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	
└ @typeCode	cs	0 … 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 *x_InformationRecipient* (DYNAMIC)			
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.2.4	
└ hl7:intendedRecipient		**1 … 1**	**R**		CDA-CH V2
└ hl7:id	**II**	**0 … ***	**R**	The recipient's identification(s).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	

└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**0 … ***		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
└ hl7:telecom	**TEL**	**0 … ***		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:informationRecipient		**0 … 1**		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:receivedOrganization		**0 … 1**		The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2

1.1.3 CDA Section Level Templates

1.1.3.1 Active Problems Section - coded

Id	2.16.756.5.30.1.1.10.3.25	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_section_ActiveProblemsCoded	**Display Name**	Active Problems Section - coded

Description

Chapter (CDA Body Section) containing the active problem list according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016.

This section MAY contain the current problems of a patient (e.g. current treatments or observations). The section MUST contain at least one Problem entry. In case of no problems, one of the 'special case' codes MUST be used.

In the context of immunizations, medical risks and exposure risks SHALL be recorded.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.25
Label	IHE PCC TF2 Rev.11, 6.3.3.2.3
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 0 templates, Uses 1 template

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.90	Containment	Problem Concern Entry (2016)	DYNAMIC

Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.3.6 (DYNAMIC) Specialization: template 2.16.840.1.113883.10.20.1.11 (DYNAMIC) Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)
Example	Example

```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.25"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.6"/>
  <templateId root="2.16.840.1.113883.10.20.1.11"/>
  <code code="11450-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="PROBLEM LIST"/>
  <title>Problemliste</title>
  <text>
    <!-- Narrative Text -->
```

```
  </text>
  <entry typeCode="DRIV">
    <!-- template 2.16.756.5.30.1.1.10.4.90 'Problem Concern Entry'-->
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label
hl7:section				Chapter (CDA Body Section) containing the active problem list according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. This section MAY contain the current problems of a patient (e.g. current treatments or observations). The section MUST contain at least one Problem entry. In case of no problems, one of the 'special case' codes MUST be used. In the context of immunizations, medical risks and exposure risks SHALL be recorded.	IHE PCC TF2 Rev.11, 6.3.3.2.3
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.3
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.25	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.3
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.6	

hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.3
@root	uid	**1 … 1**	F	2.16.840.1.113883.10.20.1.11	
hl7:id	**II**	**0 … ***	**R**	An ID for this section MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.3.2.3
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.3
@code	st	**1 … 1**	F	11450-4	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 … 1**	F	LOINC	
@displayName	st	**1 … 1**	F	PROBLEM LIST	
hl7:title	**ST**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.3

	CONF	element content shall be "Active Problems" -or- element content shall be "Problemliste" -or- element content shall be "Liste des problèmes" -or- element content shall be "Elenco dei problemi"			
	Variable let	Name: languageCode Value: substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)			
	Schematron assert	role: error test: not($languageCode='en') or (text()='Active Problems') Message: The English title MUST read 'Active Problems'			
	Schematron assert	role: error test: not($languageCode='de') or (text()='Problemliste') Message: The German title must MUST read 'Problemliste'			
	Schematron assert	role: error test: not($languageCode='fr') or (text()='Liste des problèmes') Message: The French title MUST read 'Liste des problèmes'			
	Schematron assert	role: error test: not($languageCode='it') or (text()='Elenco dei problemi') Message: The Italian title MUST read 'Elenco dei problemi'			
└ hl7:text	**SD.TEXT**	**1 … 1**	**M**	The narrative text for this section.	IHE PCC TF2 Rev.11, 6.3.3.2.3

hl7:entry		1 … *	R	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.90 *Problem Concern Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.3.2.3
where *[hl7:act]*					
@typeCode	cs	1 … 1	F	DRIV	

1.1.3.2 Allergies and other Adverse Reactions Section - coded

Id	2.16.756.5.30.1.1.10.3.51	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_section_AllergiesOtherAdverseReactionsCoded	**Display Name**	Allergies and other Adverse Reactions Section - coded

Description

Chapter (CDA Body Section) containing allergies and other adverse reactions according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016.

This section MAY contain allergies and intolerances of a patient. The section MUST contain at least one Allergy and Intolerance Entry. In case of no allergy or intolerance, one of the 'special case' codes MUST be used.

In the context of immunzations, the substances against which the patient reacts SHOULD be recorded. It is possible to record substances in vaccines or other substances (e.g. egg-protein).

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.51
Label	IHE PCC TF2 Rev.11, 6.3.3.2.11
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 0 templates, Uses 1 template

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.91	Containment	Allergies and Intolerances Concern Entry (2016)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)
Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.3.13 (DYNAMIC)

Example

Example

```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.51"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.13"/>
  <templateId root="2.16.840.1.113883.10.20.1.2"/>
  <code code="48765-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="ALLERGIES, ADVERSE REACTIONS,
ALERTS"/>
  <title>Allergies and Other Adverse Reactions</title>
  <text>
    <!-- Narrative Text -->
  </text>
  <entry typeCode="DRIV">
    <!-- template 2.16.756.5.30.1.1.10.4.91 'Allergies and Intolerances Concern Entry' -->
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label
hl7:section				Chapter (CDA Body Section) containing allergies and other adverse reactions according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. This section MAY contain allergies and intolerances of a patient. The section MUST contain at least one Allergy and Intolerance Entry. In case of no allergy or intolerance, one of the 'special case' codes MUST be used.	IHE PCC TF2 Rev.11, 6.3.3.2.11

				In the context of immunzations, the substances against which the patient re-acts SHOULD be recorded. It is possible to record substances in vaccines or other substances (e.g. egg-protein).	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.11
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.51	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.11
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.13	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.11
@root	uid	**1 … 1**	F	2.16.840.1.113883.10.20.1.2	
hl7:id	**II**	**0 … ***	**R**	An ID for this section MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.3.2.11
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code	**CE**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.11
@code	st	**1 … 1**	F	48765-2	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 … 1**	F	LOINC	
@displayName	st	**1 … 1**	F	ALLERGIES, ADVERSE REACTIONS, ALERTS	
hl7:title	**ST**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.11

CONF	element content shall be "Allergies and Other Adverse Reactions" -or- element content shall be "Allergien und Unverträglichkeiten" -or- element content shall be "Allergies et autres réactions indésirables" -or- element content shall be "Allergie e altre reazioni avverse"	
Variable let	Name	languageCode
	Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)
Schematron assert	role	error
	test	not($languageCode='en') or (text()='Allergies and Other Adverse Reactions')
	Message	The English title MUST read 'Allergien und Unverträglichkeiten'
Schematron assert	role	error

		test	not($languageCode='de') or (text()='Allergien und Unverträglichkeiten')		
		Message	The German title must MUST read 'Allergien und Unverträglichkeiten'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or (text()='Allergies et autres réactions indésirables')		
		Message	The French title MUST read 'Allergies et autres réactions indésirables'		
	Schematron assert	role	error		
		test	not($languageCode='it') or (text()='Allergie e altre reazioni avverse')		
		Message	The Italian title MUST read 'Allergie e altre reazioni avverse'		
hl7:text	**SD.TEXT**	**1 … 1**	**M**	The narrative text for this section.	IHE PCC TF2 Rev.11, 6.3.3.2.11
hl7:entry		**1 … ***	**M**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.91 *Allergies and Intolerances Concern Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.3.2.11
where *[not(@nullFlavor)] [hl7:act]*					
@typeCode	CS	**1 … 1**	F	DRIV	

1.1.3.3 Current Pregnancy Section - coded

Id	2.16.756.5.30.1.1.10.3.53	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	chpcc_section_CurrentPregnancyCoded	**Display Name**	Current Pregnancy Section - coded

Description

Chapter (CDA Body Section) containing the information about a current pregnancy. This section is specialisation of the Pregnancy Hostory section according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016.

The section MUST contain at least one Pregnancy Observation entry. In case of no pregnancy, one of the 'special case' codes MUST be used.

This section SHALL not be present for male patients.

For eVACDOC, this section MUST only contain the estimated delivery date.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.53
Label	CDA-CH V2 Body Templates
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 0 templates, Uses 2 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.102	Containment	Pregnancy Observation Delivery Date (2018)	DYNAMIC
2.16.756.5.30.1.1.10.4.92	Containment	Pregnancy Observation Entry (2016)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.3.52 (DYNAMIC) Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 (DYNAMIC) Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)

Example

Example

```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.52"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4"/>
  <code code="10162-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HISTORY OF PREGNANCIES"/>
```

```
  <title>Gravidanze</title>
  <text>
    <!-- Narrative Text -->
  </text>
  <entry typeCode="DRIV">
    <!-- template 2.16.756.5.30.1.1.10.4.92 'Pregnancy Observation Entry' -->
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label
hl7:section				Chapter (CDA Body Section) containing the information about a current pregnancy. This section is specialisation of the Pregnancy Hostory section according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. The section MUST contain at least one Pregnancy Observation entry. In case of no pregnancy, one of the 'special case' codes MUST be used. This section SHALL not be present for male patients. For eVACDOC, this section MUST only contain the estimated delivery date.	CDA-CH V2 Body Templates
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2 Body Templates
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.53	
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2 Body Templates
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4	

hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2 Body Templates
@root	uid	**1 … 1**	F	2.16.756.5.30.1.127.77.1.10.1	
hl7:id	**II**	**0 … ***	**R**	An ID for this section MAY be filled for traceability.	CDA-CH V2 Body Templates
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 … 1**	**M**		CDA-CH V2 Body Templates
@code	st	**1 … 1**	F	10162-6	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 … 1**	F	LOINC	
@displayName	st	**1 … 1**	F	HISTORY OF PREGNANCIES	
hl7:title	**ST**	**1 … 1**	**M**		CDA-CH V2 Body Templates

	CONF	element content shall be "Pregnancy" -or- element content shall be "Schwangerschaft" -or- element content shall be "Grossesse" -or- element content shall be "Gravidanza"			
	Variable let	Name: languageCode Value: substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)			
	Schematron assert	role: error test: not($languageCode='en') or (text()='Pregnancy') Message: The English title MUST read 'Pregnancy'			
	Schematron assert	role: error test: not($languageCode='de') or (text()='Schwangerschaft') Message: The German title must MUST read 'Schwangerschaft'			
	Schematron assert	role: error test: not($languageCode='fr') or (text()='Grossesse') Message: The French title MUST read 'Grossesse'			
	Schematron assert	role: error test: not($languageCode='it') or (text()='Gravidanza') Message: The Italian title MUST read 'Gravidanza'			
└ hl7:text	**SD.TEXT**	**1 … 1**	**M**	The narrative text for this section.	CDA-CH V2 Body Templates
Choice		**1 … ***		Elements to choose from:	

				▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.102 *Pregnancy Observation Delivery Date* (DYNAMIC) ▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.92 *Pregnancy Observation Entry* (DYNAMIC)	
└ hl7:entry		**0 … 1**	**C**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.102 *Pregnancy Observation Delivery Date* (DYNAMIC)	CDA-CH V2 Body Templates
where *[hl7:observation]*					
└ @typeCode	CS	**1 … 1**	F	DRIV	
└ hl7:entry		**0 … ***	**C**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.92 *Pregnancy Observation Entry* (DYNAMIC)	CDA-CH V2 Body Templates
where *[hl7:observation [hl7:code [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.1.11.78-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem)]]]*					
└ @typeCode	CS	**1 … 1**	F	DRIV	
	Schematron assert	role	error		
		test	not(//templateId[@root='2.16.756.5.30.1.1.10.4.92'])		
		Message	This template is not allowed in CDA-CH-VACD.		
	Schematron assert	role	error		
		test	not(/hl7:ClinicalDocument/hl7:recordTarget/hl7:patientRole/hl7:patient/hl7:administrativeGenderCode/@code='M')		
		Message	This section is not allowed for male patients.		

1.1.3.4 History Of Past Illness Section - coded

Id	2.16.756.5.30.1.1.10.3.50	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_section_HistoryOfPastIllnessCoded	**Display Name**	History Of Past Illness Section - coded

Description

Chapter (CDA Body Section) containing the history of past illness according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016.

This section contains the anamnesis of the patient. The section MUST contain at least one Problem entry. In case of no problems, one of the 'special case' codes MUST be used.

In the context of immunizations, only the diseases should be mentioned which lead to a natural immunization.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.50
Label	IHE PCC TF2 Rev.11, 6.3.3.2.5
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 0 templates, Uses 1 template

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.90	Containment	Problem Concern Entry (2016)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07) Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.3.8 (DYNAMIC)
Example	Example

```
<section>
```

```
  <templateId root="2.16.756.5.30.1.1.10.3.50"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.8"/>
  <code code="11348-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HISTORY OF PAST ILLNESS"/>
  <title>Antécédents médicaux</title>
  <text>
    <!-- Narrative Text -->
  </text>
  <entry typeCode="DRIV">
    <!-- template 2.16.756.5.30.1.1.10.4.90 'Problem Concern Entry' -->
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label
hl7:section				Chapter (CDA Body Section) containing the history of past illness according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. This section contains the anamnesis of the patient. The section MUST contain at least one Problem entry. In case of no problems, one of the 'special case' codes MUST be used. In the context of immunizations, only the diseases should be mentioned which lead to a natural immunization.	IHE PCC TF2 Rev.11, 6.3.3.2.5
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.5
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.50	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.5

└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.8	
└ hl7:id	**II**	**0 … ***	**R**	An ID for this section MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.3.2.5
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CE**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.5
└ @code	st	**1 … 1**	F	11348-0	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	HISTORY OF PAST ILLNESS	
└ hl7:title	**ST**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.2.5
	CONF	element content shall be "History of Past Illness" -or- element content shall be "Bisherige Krankheiten" -or-			

		element content shall be "Antécédents médicaux" -or- element content shall be "Storia medica"			
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or (text()='History of Past Illness')		
		Message	The English title MUST read 'History of Past Illness'		
	Schematron assert	role	error		
		test	not($languageCode='de') or (text()='Bisherige Krankheiten')		
		Message	The German title must MUST read 'Bisherige Krankheiten'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or (text()='Antécédents médicaux')		
		Message	The French title MUST read 'Antécédents médicaux'		
	Schematron assert	role	error		
		test	not($languageCode='it') or (text()='Storia medica')		
		Message	The Italian title MUST read 'Storia medica'		
hl7:text	**SD.TEXT**	**1 … 1**	**M**	The narrative text for this section.	IHE PCC TF2 Rev.11, 6.3.3.2.5
hl7:entry		**1 … ***	**M**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.90 *Problem Concern Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.3.2.5
where *[not(@nullFlavor)] [hl7:act]*					

@typeCode	CS	**1 ... 1**	F	DRIV

1.1.3.5 Immunization Recommendations Section - coded

Id	2.16.756.5.30.1.1.10.3.48	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_section_ImmunizationRecommendationsCoded	**Display Name**	Immunization Recommendations Section - coded

Description

Chapter (CDA Body Section) containing immunization recommendations according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016.

This section MAY contain the the recommended immunization plan for a patient. The section MUST contain at least one Immunization Recommendation entry. In case of no recommendations, one of the 'special case' codes MUST be used.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.48
Label	IHE PCC TF2 Rev.11, 6.3.3.6.13
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 0 templates, Uses 1 template

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.93	Containment	Immunization Recommendation Entry (2016)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07) Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.1.18.3.1 (DYNAMIC)

Example	Example
	`<section>`
	`  <templateId root="2.16.756.5.30.1.1.10.3.48"/>`
	`  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.18.3.1"/>`
	`  <code code="18776-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="TREATMENT PLAN"/>`
	`  <title>Impfplan</title>`
	`  <text>`
	`  <!-- Narrative Text -->`
	`  </text>`
	`  <entry typeCode="DRIV">`
	`  <!-- template 2.16.756.5.30.1.1.10.4.93 'Immunization Recommendation Entry' -->`
	`  </entry>`
	`</section>`

Item	DT	Card	Conf	Description	Label
hl7:section				Chapter (CDA Body Section) containing immunization recommendations according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. This section MAY contain the the recommended immunization plan for a patient. The section MUST contain at least one Immunization Recommendation entry. In case of no recommendations, one of the 'special case' codes MUST be used.	IHE PCC TF2 Rev.11, 6.3.3.6.13
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.6.13
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.48	

└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.6.13
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.18.3.1	
└ hl7:id	**II**	**0 … ***	**R**	An ID for this section MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.3.6.13
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CE**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.6.13
└ @code	st	**1 … 1**	F	18776-5	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	TREATMENT PLAN	
└ hl7:title	**ST**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.6.13

	CONF	element content shall be "Immunization Recommendations" -or- element content shall be "Impfplan" -or- element content shall be "TOTRANSLATE-FR" -or- element content shall be "TOTRANSLATE-IT"			
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or (text()='Immunization Recommendations')		
		Message	The English title MUST read 'Immunization Recommendations'		
	Schematron assert	role	error		
		test	not($languageCode='de') or (text()='Impfplan')		
		Message	The German title must MUST read 'Impfplan'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or (text()='TOTRANSLATE-FR')		
		Message	The French title MUST read 'TOTRANSLATE-FR'		
	Schematron assert	role	error		
		test	not($languageCode='it') or (text()='TOTRANSLATE-IT')		
		Message	The Italian title MUST read 'TOTRANSLATE-IT'		
└ hl7:text	**SD.TEXT**	**1 … 1**	**M**	The narrative text for this section.	IHE PCC TF2 Rev.11, 6.3.3.6.13

hl7:entry		1 … *	R	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.93 *Immunization Recommendation Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.3.6.13
where *[hl7:substanceAdministration]*					
@typeCode	cs	1 … 1	F	DRIV	

1.1.3.6 Immunizations Section - coded

Id	2.16.756.5.30.1.1.10.3.47	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_section_ImmunizationsCoded	**Display Name**	Immunizations Section - coded

Description

Chapter (CDA Body Section) containing immunizations according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016.

This section contains administered immunizations and explicitly undesired immunizations.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.47
Label	IHE PCC TF2 Rev.11, 6.3.3.3.5
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 0 templates, Uses 1 template

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.89	Containment	Immunization Entry (2016)	DYNAMIC

Relationship

Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.3.23 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)

Example

Example

```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.47"/>
  <templateId root="2.16.840.1.113883.10.20.1.6"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.23"/>
  <code code="11369-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HISTORY OF IMMUNIZATIONS"/>
  <title>Impfungen</title>
  <text>
    <!-- Narrative Text -->
  </text>
  <entry typeCode="DRIV">
    <!-- template 2.16.756.5.30.1.1.10.4.89 'Immunization Entry' -->
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label
hl7:section				Chapter (CDA Body Section) containing immunizations according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. This section contains administered immunizations and explicitly undesired immunizations.	IHE PCC TF2 Rev.11, 6.3.3.3.5

└ hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.3.3.5
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.3.47	
└ hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.3.3.5
└ @root	uid	1 … 1	F	2.16.840.1.113883.10.20.1.6	
└ hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.3.3.5
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.3.23	
└ hl7:id	II	0 … *	R	An ID for this section MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.3.3.5
└ @root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	CE	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.3.3.5

@code	st	1 ... 1	F	11369-6	
@codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1	
@codeSystemName	st	1 ... 1	F	LOINC	
@displayName	st	1 ... 1	F	HISTORY OF IMMUNIZATIONS	
hl7:title	**ST**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.3.5
	CONF	element content shall be "Immunizations" -or- element content shall be "Impfungen" -or- element content shall be "Vaccinations" -or- element content shall be "Vaccinazioni"			
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or (text()='Immunizations')		
		Message	The English title MUST read 'Immunizations'		
	Schematron assert	role	error		
		test	not($languageCode='de') or (text()='Impfungen')		
		Message	The German title must MUST read 'Impfungen'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or (text()='Vaccinations')		

		Message	The French title MUST read 'Vaccinations'		
	Schematron assert	role	error		
		test	not($languageCode='it') or (text()='Vaccinazioni')		
		Message	The Italian title MUST read 'Vaccinazioni'		
hl7:text	**SD.TEXT**	**1 … 1**	**M**	The narrative text for this section.	IHE PCC TF2 Rev.11, 6.3.3.3.5
hl7:entry		**1 … ***	**R**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.89 *Immunization Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.3.3.5
where *[hl7:substanceAdministration]*					
@typeCode	CS	**1 … 1**	F	DRIV	

1.1.3.7 Laboratory Report Item Section - coded

Id	2.16.756.5.30.1.1.10.3.5	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_section_LaboratoryReportItemCoded	**Display Name**	Laboratory Report Item Section - coded

Description

A Laboratory Specialty Section SHALL contain EITHER a list of Laboratory Report Item Section(s) OR a single text and entry element to represent the Report Items.

Choice 1: Use of sub-sections (Laboratory Report Item Sections):

With this option, the results of the examination MUST be documented in the subsections, and the main section (Laboratory Specialty Section) MUST NOT contain any text OR entry elements.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.5
Label	IHE PaIM TF3 Rev.8, 6.3.3.2
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 1 template, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section - coded (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.3.2.2 (2008-08-08)
Example	Example

```
<section>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.2.2"/>
  <templateId root="2.16.756.5.30.1.1.10.3.5"/>
  <code displayName="Cell marker studies" codeSystemName="LOINC" codeSystem="2.16.840.1.113883.6.1" code="18718-7"/>
  <title>Laborbefund - Molekularbiologie</title>
  <text/>
  <entry typeCode="DRIV">
    <!-- template 2.16.756.5.30.1.1.10.4.4 'Laboratory Report Data Processing Entry' -->
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label
hl7:section					IHE PalM TF3 Rev.8, 6.3.3.2
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.3.2
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.3.2.2	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.3.2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.5	
└ hl7:id	**II**	**0 … 1**		An ID for this section MAY be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.3.2
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CE**	**1 … 1**	**R**	This declares the laboratory discipline of the section.	IHE PalM TF3 Rev.8, 6.3.3.2

└ @code	cs	**1 … 1**	R	The code MUST be declared and taken from the value set 'Laboratory Specialties'.	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName		**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 *Laboratory Specialties* (DYNAMIC)			
└ hl7:title	**ST**	**1 … 1**	**M**	The title of the chapter MUST be specified and correspond to the following text format, where <human readable code> contains the corresponding translation of the document LOINC code: ▪ [ge]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>' ▪ [it]: 'Referto di laboratorio - <human readable code>' ▪ [en]: 'Laboratory Specialty - <human readable code>' The following translations of the LOINC codes given in XD-LAB MUST be used: **LOINC Code / Text** 18717-9: [ge]: Immunhämatologie; [fr]: Immunohématologie; [it]: Immunoematologia 18718-7: [ge]: Molekularbiologie; [fr]: Biologie moléculaire; [it]: Biologia molecolare 18719-5: [ge]: Chemie; [fr]: Chimie; [it]: Chimica 18720-3: [ge]: Gerinnung; [fr]: Coagulation; [it]: Coagulazione	IHE PalM TF3 Rev.8, 6.3.3.2

				18721-1	[ge]: Medikamente [fr]: Médicaments [it]: Medicamenti
				18722-9	[ge]: Fertilität [fr]: Fertilité [it]: Fertilità
				18723-7	[ge]: Hämatologie [fr]: Hématologie [it]: Ematologia
				18724-5	[ge]: HLA [fr]: HLA [it]: HLA
				18725-2	[ge]: Mikrobiologie [fr]: Microbiologie [it]: Microbiologia
				18727-8	[ge]: Serologie [fr]: Sérologie [it]: Sierologia
				18728-6	[ge]: Toxikologie [fr]: Toxicologie [it]: Tessicologia
				18729-4	[ge]: Urin Untersuchungen [fr]: Analyses dans l'urine [it]: Analisi nelle urine
				18767-4	[ge]: Blutgase [fr]: Gazométrie [it]: Gasometria
				18768-2	[ge]: Differenzialblutbild [fr]: Répartition leucocytaire [it]: Differenziazione leucocitaria
				18769-0	[ge]: Antibiogramme [fr]: Antibiogramme [it]: Antibiogramma
				26435-8	[ge]: Molekulare Pathologie [fr]: Pathologie moleculaire [it]: Patologia moleculare

				26436-6	[ge]: Laboruntersuchungen [fr]: Études de laboratoire [it]: Esami di laboratorio
				26437-4	[ge]: Stimulationen [fr]: Stimulation [it]: Stimolazione
				26438-2	[ge]: Zytologie [fr]: Cytologie [it]: Citologia

Example	German `<title>Laborbefund - Immunhämatologie</title>`	
Example	English `<title>Laboratory Specialty - Blood Bank Studies</title>`	
Variable let	Name	languageCode
	Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)
Schematron assert	role	error
	test	not($languageCode='en') or starts-with(text(),'Laboratory report')
	Message	The English title must start with 'Laboratory report'
Schematron assert	role	error
	test	not($languageCode='de') or starts-with(text(),'Laborbefund')
	Message	The German title must start with 'Laborbefund'
Schematron assert	role	error
	test	not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire')
	Message	The French title must start with 'Rapport de laboratoire'
Schematron assert	role	error
	test	not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio')
	Message	The Italian title must start with 'Rapporto di laboratorio'

└ hl7:text	**SD.TEXT**	**1 … 1**	**R**	The laboratory results MUST be automatically generated readable for humans in the text element of the section from the information in the Laboratory Data Processing Entry.	IHE PaIM TF3 Rev.8, 6.3.3.2
└ hl7:entry		**1 … 1**	**R**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.4 *Laboratory Report Data Processing Entry* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.3.2
where *[hl7:act]*					
└ @typeCode	CS	**1 … 1**	F	DRIV	

1.1.3.8 Laboratory Speciality Section - coded

Id	2.16.756.5.30.1.1.10.3.3	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_section_LaboratorySpecialtyCoded	**Display Name**	Laboratory Speciality Section - coded

Description

Chapter (CDA Body Section) with laboratory results according to Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision 8.0 - June 21, 2017.
Each Laboratory Specialty Section contains laboratory tests of a particular discipline (e.g., microbiology or serology).
The Laboratory Specialty Section uses LOINC codes to define the appropriate discipline. Laboratory Specialty Sections MUST NOT be nested.
A Laboratory Specialty Section SHALL contain EITHER a list of Laboratory Report Item Section(s) OR a single text and entry element to represent the Report Items:

- **Choice 1: Laboratory Report Item Section**
  With this option, this Laboratory Specialty Section SHALL contain NEITHER a top level text NOR entry elements. Each Report Item is contained in a corresponding Laboratory Report Item Section which contains the Lab Report Data Processing Entry.

- **Choice 2: Text and Entry**
  With this option, the examination results MUST be documented in the text element of the section and the corresponding entry element (Laboratory Data Processing Entry).
  The human-readable text MUST be generated automatically from the entry and its sub-elements.
  For this purpose the presentation options according to the CDA Narrative Block schema (NarrativeBlock.xsd) may be used: tables, lists, paragraphs, hyperlinks, footnotes, references to attached or embedded multimedia objects.

If a document contains multiple Laboratory Specialty Sections, Choice 1 or Choice 2 can be selected for each individual chapter.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.3
Label	IHE PalM TF3 Rev.8, 6.3.3.1
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 0 templates, Uses 2 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.3.5	Containment	Laboratory Report Item Section - coded (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.3.2.1 (2008-08-08)

Example

Specialty Section that holds a leaf section and Leaf Section that holds one Report Item

```
<section classCode="DOCSECT">
  <templateId root="2.16.756.5.30.1.1.10.3.3"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/>
  <code code="18723-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HEMATOLOGY STUDIES"/>
  <title>Laborbefund - Hämatologie</title>
  <component>
    <section>
      <templateId root="1.3.6.1.4.1.19376.1.3.3.2.2"/>
      <!-- Leaf Section that holds one Report Item -->
    </section>
  </component>
```

```
</section>
```

Example

Specialty Section that holds Report Items directly as a Laboratory Report Data Processing Entry

```
<section classCode="DOCSECT">
  <templateId root="2.16.756.5.30.1.1.10.3.3"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/>
  <code code="18719-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="CHEMISTRY STUDIES"/>
  <title>Laborbefund - Chemie</title>
  <text>narrative text</text>
  <entry typeCode="DRIV">
    <templateId root="1.3.6.1.4.1.19376.1.3"/>
    <act classCode="ACT" moodCode="EVN"> ... </act>
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label
hl7:section					IHE PalM TF3 Rev.8, 6.3.3.1
└ hl7:templateId	II	1 … 1	M		IHE PalM TF3 Rev.8, 6.3.3.1
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.3.3	
└ hl7:templateId	II	1 … 1	M		IHE PalM TF3 Rev.8, 6.3.3.1

└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.3.2.1	
└ hl7:id	**II**	**0 … 1**		An ID for this section MAY be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.3.1
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CE**	**1 … 1**	**M**	This declares the laboratory discipline of the section.	IHE PalM TF3 Rev.8, 6.3.3.1
└ @code	st	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 *Laboratory Specialties* (DYNAMIC)			
└ hl7:title	**ST**	**1 … 1**	**R**	The title of the chapter MUST be specified and correspond to the following text format, where <human readable code> contains the corresponding translation of the document LOINC code: ▪ [ge]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>'	IHE PalM TF3 Rev.8, 6.3.3.1

- [it]: 'Referto di laboratorio - <human readable code>'
- [en]: 'Laboratory Specialty - <human readable code>'

The following translations of the LOINC codes given in XD-LAB MUST be used:

LOINC Code	Text
18717-9	[ge]: Immunhämatologie [fr]: Immunohématologie [it]: Immunoematologia
18718-7	[ge]: Molekularbiologie [fr]: Biologie moléculaire [it]: Biologia molecolare
18719-5	[ge]: Chemie [fr]: Chimie [it]: Chimica
18720-3	[ge]: Gerinnung [fr]: Coagulation [it]: Coagulazione
18721-1	[ge]: Medikamente [fr]: Médicaments [it]: Medicamenti
18722-9	[ge]: Fertilität [fr]: Fertilité [it]: Fertilità
18723-7	[ge]: Hämatologie [fr]: Hématologie [it]: Ematologia
18724-5	[ge]: HLA [fr]: HLA [it]: HLA
18725-2	[ge]: Mikrobiologie [fr]: Microbiologie [it]: Microbiologia
18727-8	[ge]: Serologie [fr]: Sérologie [it]: Sierologia

				18728-6	[ge]: Toxikologie [fr]: Toxicologie [it]: Tessicologia	
				18729-4	[ge]: Urin Untersuchungen [fr]: Analyses dans l'urine [it]: Analisi nelle urine	
				18767-4	[ge]: Blutgase [fr]: Gazométrie [it]: Gasometria	
				18768-2	[ge]: Differenzialblutbild [fr]: Répartition leucocytaire [it]: Differenziazione leucocitaria	
				18769-0	[ge]: Antibiogramme [fr]: Antibiogramme [it]: Antibiogramma	
				26435-8	[ge]: Molekulare Pathologie [fr]: Pathologie moleculaire [it]: Patologia moleculare	
				26436-6	[ge]: Laboruntersuchungen [fr]: Études de laboratoire [it]: Esami di laboratorio	
				26437-4	[ge]: Stimulationen [fr]: Stimulation [it]: Stimolazione	
				26438-2	[ge]: Zytologie [fr]: Cytologie [it]: Citologia	

Example	Deutsch `<title>Laborbefund - Immunhämatologie</title>`	
Example	Englisch `<title>Laboratory Specialty - Blood Bank Studies</title>`	
Variable let	Name	languageCode
	Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)
Schematron assert	role	error
	test	not($languageCode='en') or starts-with(text(),'Laboratory report')

		Message	The English title must start with 'Laboratory report'		
	Schematron assert	role	error		
		test	not($languageCode='de') or starts-with(text(),'Laborbefund')		
		Message	The German title must start with 'Laborbefund'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire')		
		Message	The French title must start with 'Rapport de laboratoire'		
	Schematron assert	role	error		
		test	not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio')		
		Message	The Italian title must start with 'Rapporto di laboratorio'		
hl7:text	**SD.TEXT**	**0 … 1**	**R**	The narrative text for this section.	IHE PalM TF3 Rev.8, 6.3.3.1
Choice		**1 … ***		Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.3.5 *Laboratory Report Item Section - coded* (DYNAMIC) ▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.4 *Laboratory Report Data Processing Entry* (DYNAMIC)	
hl7:component		**0 … ***	**C**	Contains 2.16.756.5.30.1.1.10.3.5 *Laboratory Report Item Section - coded* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.3.1
where *[hl7:section [hl7:code [concat(@code, @codeSystem) = doc('include/voc-1.3.6.1.4.1.19376.1.3.11.1-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]]*					
hl7:entry		**0 … ***	**C**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.4 *Laboratory Report Data Processing Entry* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.3.1

where *[hl7:act]*				
@typeCode	cs	**1 .. 1**	F	DRIV
Schematron assert	role	error		
	test	(hl7:component and not(hl7:text or hl7:entry)) or (not(hl7:component) and hl7:text and hl7:entry)		
	Message	A Laboratory Specialty Section SHALL contain EITHER a list of Laboratory Report Item Section(s) OR a single text and entry element to represent the Report Items.		

1.1.3.9 Other Relevant Observations Section - coded

Id	2.16.756.5.30.1.1.10.3.46	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	cdachvacd_section_OtherRelevantObservationsCoded	**Display Name**	Other Relevant Observations Section - coded

Description

Chapter (CDA Body Section) containing the coded results according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016.

This section MAY contain relevant coded results of a patient for the given document context. The section MUST contain at least one Problem entry. In case of no relevant results, one of the 'special case' codes MUST be used.

In the context of immunizations, this section may indicate the gestational age of a child if relevant for immunization of the child.

In the context of lab reports, this section may indicate the gestational age of a child if relevant for the observation interpretation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.46
Label	IHE PCC TF2 Rev.11, 6.3.3.5.2

Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 3 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.17	Containment	Immunization Recommendation Request (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.18	Containment	Immunization Recommendation Response (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.19	Containment	Vaccination Record (2018)	2018-04-19
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.4.84	Containment	Gestational Age At Birth (2018)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07) Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.3.28 (DYNAMIC)

Example

Example

```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.46"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.27"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.28"/>
  <code code="30954-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Relevant diagnostic tests/laboratory data"/>
  <title>Coded Results</title>
  <text>
    <!-- Narrative Text -->
  </text>
  <entry typeCode="DRIV">
    <!-- template 2.16.756.5.30.1.1.10.4.84 'Gestational age' -->
  </entry>
</section>
```

Item	DT	Card	Conf	Description	Label

hl7:section				Chapter (CDA Body Section) containing the coded results according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. This section MAY contain relevant coded results of a patient for the given document context. The section MUST contain at least one Problem entry. In case of no relevant results, one of the 'special case' codes MUST be used. In the context of immunizations, this section may indicate the gestational age of a child if relevant for immunization of the child. In the context of lab reports, this section may indicate the gestational age of a child if relevant for the observation interpretation.	IHE PCC TF2 Rev.11, 6.3.3.5.2
hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.5.2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.46	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.5.2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.27	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.5.2
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.28	

└ hl7:id	**II**	**0 … ***	**R**	An ID for this section MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.3.5.2
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CE**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.5.2
└ @code	st	**1 … 1**	F	30954-2	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	Relevant diagnostic tests/laboratory data	
└ hl7:title	**ST**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.5.2
	CONF	element content shall be "Other relevant observations" -or- element content shall be "Weitere relevante Beobachtungen" -or- element content shall be "TOTRANSLATE-FR" -or-			

		element content shall be "TOTRANSLATE-IT"			
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or (text()='Other relevant observations')		
		Message	The English title MUST read 'Other relevant observations'		
	Schematron assert	role	error		
		test	not($languageCode='de') or (text()='Weitere relevante Beobachtungen')		
		Message	The German title must MUST read 'Weitere relevante Beobachtungen'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or (text()='TOTRANSLATE-FR')		
		Message	The French title MUST read 'TOTRANSLATE-FR'		
	Schematron assert	role	error		
		test	not($languageCode='it') or (text()='TOTRANSLATE-IT')		
		Message	The Italian title MUST read 'TOTRANSLATE-IT'		
└ hl7:text	**SD.TEXT**	**1 … 1**	**M**	The narrative text for this section.	IHE PCC TF2 Rev.11, 6.3.3.5.2
└ hl7:entry		**1 … 1**	**R**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.84 *Gestational Age At Birth* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.3.5.2
where *[hl7:observation]*					
└ @typeCode	CS	**1 … 1**	F	DRIV	

1.1.3.10 Remarks Section - coded

Id	2.16.756.5.30.1.1.10.3.2	**Effective Date**	2018-04-18
Status	Under pre-publication review	**Version Label**	2017
Name	cdach_section_RemarksCoded	**Display Name**	Remarks Section - coded
Description	This section MAY be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.2		
Label	CDA-CH V2		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 1 template, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.1.14	Include	CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.201 (DYNAMIC)

Example

Example

```
<component>
  <section>
    <templateId root="2.16.756.5.30.1.1.10.3.2"/>
    <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/>
    <title>Kommentar</title>
    <text>
      <content ID="comment1"> Es handelt sich beim vorliegenden Dokument um ein Muster zur Illustration. </content>
    </text>
    <entry>
      <!-- template 2.16.756.5.30.1.1.10.4.2 'Annotation Comments' -->
    </entry>
```

```
  </section>
</component>
```

Item	DT	Card	Conf	Description	Label
hl7:section				This section can be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.	CDA-CH V2
hl7:templateId	**II**	**1 … 1**	**R**		CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.3.2	
hl7:id	**II**	**0 … 1**		An ID for this section MAY be filled for traceability.	CDA-CH V2
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 … 1**	**R**		CDA-CH V2
@code	cs	**1 … 1**	F	48767-8	

@codeSystem	oid	1 … 1	F	2.16.840.1.113883.6.1	
@codeSystemName	st	1 … 1	F	LOINC	
@displayName	st	1 … 1	F	Annotation comment	
hl7:title	**ST**	**1 … 1**	**M**	Fixed human readable title of this section. ▪ [ge]: 'Kommentar' ▪ [fr]: 'Commentaire' ▪ [it]: 'Osservazione' ▪ [en]: 'Comment'	CDA-CH V2
	Variable let	Name		languageCode	
		Value		substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)	
	Schematron assert	role		error	
		test		not($languageCode='ge') or (text()='Kommentar')	
		Message		The German title must read 'Kommentar'	
	Schematron assert	role		error	
		test		not($languageCode='fr') or (text()='Commentaire')	
		Message		The French title must read 'Commentaire'	
	Schematron assert	role		error	
		test		not($languageCode='it') or (text()='Osservazione')	
		Message		The Italian title must read 'Osservazione'	
	Schematron assert	role		error	
		test		not($languageCode='en') or (text()='Comment')	
		Message		The English title must read 'Comment'	
hl7:text	**SD.TEXT**	**1 … 1**	**M**	Human readable text of this section.	CDA-CH V2

hl7:entry		0 … *		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	CDA-CH V2
where *[hl7:act]*					

1.1.4 CDA Entry Level Templates

1.1.4.1 Allergies and Intolerances Concern Entry

Id	2.16.756.5.30.1.1.10.4.91	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_AllergiesAndIntolerancesConcern	**Display Name**	Allergies and Intolerances Concern Entry

Description

This element is a specialization of 'Problem Concern' whereby the problem is focused on an allergy or intolerance.

It therefore describes an allergy or intolerances concern of the patient and indicates the period of time where this concern is active. It contains a set of references to allergies or intolerances related to this concern.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.91
Label	IHE PCC TF2 Rev.11, 6.3.4.13
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 1 template, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.51	Containment	Allergies and other Adverse Reactions Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.4.98	Containment	Allergy Or Intolerance Entry (2016)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5.3 (DYNAMIC)
Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5.1 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.20.1.27 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.301 (2005-09-07)

Example

Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.91"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.3"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.1"/>
  <templateId root="2.16.840.1.113883.10.20.1.27"/>
  <code nullFlavor="NA"/>
  <text>Allergie auf Hühnereiweiss</text>
  <statusCode code="active"/>
  <effectiveTime>
    <low value="20121213"/>
  </effectiveTime>
  <entryRelationship typeCode="SUBJ" inversionInd="false">
    <!-- Allergy and Intolerance Entry -->
  </entryRelationship>
</act>
```

Item	DT	Card	Conf	Description	Label

hl7:act				This element is a specialization of 'Problem Concern' whereby the problem is focused on an allergy or intolerance. It therefore describes an allergy or intolerances concern of the patient and indicates the period of time where this concern is active. It contains a set of references to allergies or intolerances related to this concern.	IHE PCC TF2 Rev.11, 6.3.4.13
@classCode	cs	**1 .. 1**	F	ACT	
@moodCode	cs	**1 .. 1**	F	EVN	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.13
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.4.91	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.13
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.3	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.13
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.1	

hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.13
@root	uid	**1 … 1**	F	2.16.840.1.113883.10.20.1.27	
hl7:id	**II**	**0 … 1**	**R**	An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.13
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 … 1**	**R**		IHE PCC TF2 Rev.11, 6.3.4.13
@nullFlavor	cs	**1 … 1**	F	NA	
@code	cs	0	NP	NP/not present	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	

hl7:text	**SD.TEXT**	**1 … 1**	**M**	Description of the concern (free text). Examples: 'Egg white intolerance'	IHE PCC TF2 Rev.11, 6.3.4.13
hl7:statusCode	**CS**	**1 … 1**		▪ active: A concern that is still being tracked. ▪ suspended: A concern that is active, but which may be set aside. ▪ aborted: A concern that is no longer actively being tracked, but for reasons other than because the problem was resolved. ▪ completed: The problem, allergy or medical state has been resolved and the concern no longer needs to be tracked except for historical purposes.	IHE PCC TF2 Rev.11, 6.3.4.13
	CONF	@code shall be "active" or @code shall be "suspended" or @code shall be "aborted" or @code shall be "completed"			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Indicates the period while the concern was active.	IHE PCC TF2 Rev.11, 6.3.4.13
hl7:low	**TS.CH.TZ**	**1 … 1**	**M**	Point of time of the first occurance of the concern.	IHE PCC TF2 Rev.11, 6.3.4.13
hl7:high	**TS.CH.TZ**	**0 … 1**	**C**	Point of time when the concern status is set to 'aborted' or 'completed'. For all other cases the value remains empty.	IHE PCC TF2 Rev.11, 6.3.4.13

hl7:entryRelationship		1 … *	R	Contains 2.16.756.5.30.1.1.10.4.98 *Allergy Or Intolerance Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.13
where *[@typeCode='SUBJ']*					
@typeCode	cs	1 … 1	F	SUBJ	
@inversionInd	bl	1 … 1	F	false	

1.1.4.2 Allergy Or Intolerance Entry

Id	2.16.756.5.30.1.1.10.4.98	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_AllergyOrIntolerance	**Display Name**	Allergy Or Intolerance Entry

Description

Allergies or intolerances are a special form of a 'Problem Entry'.

In relation with immunizations, substances in vaccines SHALL be recorded here, using the WHO ATC Code along with a possible additional egg-protein allergy or a severe eczema.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.98
Label	IHE PCC TF2 Rev.11, 6.3.4.15
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 2 templates, Uses 7 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.91	Containment	Allergies and Intolerances Concern Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.51		Allergies and other Adverse Reactions Section - coded (2016)	2016-11-11

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.97	Containment	Problem Entry (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.99	Containment	Severity Entry (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.100	Containment	Problem Status Observation (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.6 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

Example

Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.98"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.6"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
  <templateId root="2.16.840.1.113883.10.20.1.28"/>
  <id root="2.999" extension="your id"/>
  <code code="DINT" codeSystem="2.16.840.1.113883.5.4" displayName="Drug Intolerance"/>
  <text>
    <reference value="#ar1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime>
    <low value="20121213"/>
  </effectiveTime>
  <value xsi:type="CD" code="303300008" codeSystem="2.16.840.1.113883.6.96" displayName="Egg protein (substance)"/>
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation				Allergies or intolerances are a special form of a 'Problem Entry'. In relation with immunizations, substances in vaccines SHALL be recorded here, using the WHO ATC Code along with a possible additional egg-protein allergy or a severe eczema.	IHE PCC TF2 Rev.11, 6.3.4.15
@classCode	cs	**1 … 1**	F	OBS	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.15
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.98	
hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.15
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.6	
hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.15
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.5	

hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.15
@root	uid	**1 … 1**	F	2.16.840.1.113883.10.20.1.28	
hl7:id	**II**	**0 … 1**	**R**	An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.15
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 … 1**	**M**	The allergy or intolerance type code.	IHE PCC TF2 Rev.11, 6.3.4.15
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.4	
@codeSystemName	st	**1 … 1**	F	ObservationIntoleranceType	
@displayName	st	**1 … 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.19700 *ObservationIntoleranceType* (DYNAMIC) or The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.19701 *ObservationAllergyType* (DYNAMIC)			

		or The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.19702 *ObservationNonAllergyIntoleranceType* (DYNAMIC)			
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	

Schematron assert	role	error
	test	starts-with(@value,'#')
	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.
Variable let	Name	idvalue
	Value	substring-after(@value,'#')
Schematron assert	role	error
	test	ancestor::hl7:structuredBody//*[@ID=$idvalue]
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').

└ hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'completed' for all allergies and intolerances.	IHE PCC TF2 Rev.11, 6.3.4.15
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Indicates the time interval over which the allergy or intolerance is known to be true.	IHE PCC TF2 Rev.11, 6.3.4.15
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**M**	Point of time of the first occurance of the allergy or intolerance.	IHE PCC TF2 Rev.11, 6.3.4.15
└ hl7:high	**TS.CH.TZ**	**0 … 1**	**C**	Point of time when the allergy or intolerance was no longer valid. For all other cases this value remains empty.	IHE PCC TF2 Rev.11, 6.3.4.15
└ hl7:value	**CD**	**0 … ***		This value can be either a coded value or uncoded text. The type is always xsi:type='CD'. For coded values the attributes code, codeSystem, codeSystemName and displayName MUST be present. For uncoded values, the nullFlavor='NAV' attribute and the originalText element MUST be present. The following value sets are allowed: ▪ CHOP: 2.16.756.5.30.1.126.3.1 ▪ ICD-10: 2.16.756.5.30.1.126.3.2 ▪ ICPC-2: 2.16.840.1.113883.6.139 ▪ SNOMED CT: 2.16.840.1.113883.6.96	IHE PCC TF2 Rev.11, 6.3.4.15

				The SNOMED CT code '160245001', No current problems or disability (situation) MAY be used to indicate that the patient doesn't currently suffer on any problem. For special cases a code from the value set "Special Case Allergies/Intolerances" SHALL be used. In relation to eVACDOC, the value set 'Allergies for eVACDOC' contains the recommended values.	
└ @nullFlavor	st	**0 … 1**	F	NAV	
└ @code	cs	**0 … 1**			
└ @codeSystem	oid	**0 … 1**			
└ @codeSystemName	st	**0 … 1**			
└ @displayName	st	**0 … 1**			
	CONF	@codeSystem shall be "2.16.756.5.30.1.126.3.1" or @codeSystem shall be "2.16.756.5.30.1.126.3.2" or @codeSystem shall be "2.16.840.1.113883.6.139" or @codeSystem shall be "2.16.840.1.113883.6.96" or The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.68 *Special Case Allergies/Intolerances* (DYNAMIC) or The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.76 *Allergies for eVACDOC* (DYNAMIC)			

	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other problems description MUST be declared in the originalText element in case of nullFlavor.		
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		

		Message		No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').	
	Schematron assert	role		error	
		test		parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()	
		Message		The originalText content MUST be identical to the narrative text for this reference.	
hl7:author		**0 … ***		This MAY be used to indicate who has documented the allergy or intolerance. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.15
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					
hl7:participant		**1 … ***	**R**	This element SHALL indicate the substance which causes the allergy or intolerance.	IHE PCC TF2 Rev.11, 6.3.4.15
@typeCode	cs	**1 … 1**	F	CSM	
hl7:participantRole					IHE PCC TF2 Rev.11, 6.3.4.15
@classCode	cs	**1 … 1**	F	MANU	
hl7:playingEntity		**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.15
@classCode	cs	**1 … 1**	F	MMAT	

hl7:code	**CD**	**1 … 1**	**R**		IHE PCC TF2 Rev.11, 6.3.4.15
@nullFlavor	st	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.73	
@codeSystemName	st	**0 … 1**	F	WHO ATC	
@displayName	st	**0 … 1**			
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other allergies or intolerances description MUST be declared in the originalText element in case of nullFlavor.		
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2

hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:name	**ST**	**0 … 1**			IHE PCC TF2 Rev.11, 6.3.4.15
hl7:entryRelationship		**0 … ***		Reactions that are manifestations of the allergy or intolerance. Contains 2.16.756.5.30.1.1.10.4.97 *Problem Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.15
where *[@typeCode='MFST']*					

└ @typeCode	cs	**1 … 1**	F	MFST	
└ hl7:entryRelationship		**0 … 1**		Indicates the severity of the allergy or intolerance. Contains 2.16.756.5.30.1.1.10.4.99 *Severity Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.15
where *[@typeCode='SUBJ']*					
└ @typeCode	cs	**1 … 1**	F	SUBJ	
└ @inversionInd	bl	**1 … 1**	F	true	
└ hl7:entryRelationship		**0 … 1**		Indicates the clinical status of the allergy or intolerance. Contains 2.16.756.5.30.1.1.10.4.100 *Problem Status Observation* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.15
where *[@typeCode='REFR']*					
└ @typeCode	cs	**1 … 1**	F	REFR	
└ @inversionInd	bl	**1 … 1**	F	false	
└ hl7:entryRelationship		**0 … ***		Additional comments (annotations) for the allergy or intolerance. Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.15
where *[@typeCode='SUBJ']*					
└ @typeCode	cs	**1 … 1**	F	SUBJ	
└ @inversionInd	bl	**1 … 1**	F	true	

1.1.4.3 Annotation Comments

Id	2.16.756.5.30.1.1.10.4.2	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_AnnotationComments	**Display Name**	Annotation Comments
Description	This entry allows for a comment to be supplied with each entry.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.2		
Label	IHE PCC TF2 Rev.11, 6.3.4.6		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 7 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.89	Containment	Immunization Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.47		Immunizations Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.93	Containment	Immunization Recommendation Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.48		Immunization Recommendations Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.98	Containment	Allergy Or Intolerance Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.91		Allergies and Intolerances Concern Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.51		Allergies and other Adverse Reactions Section - coded (2016)	2016-11-11

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	DYNAMIC

Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.2 (2013-12-20) Specialization: template 2.16.840.1.113883.10.20.1.40 (DYNAMIC)

Example

Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.2"/>
  <templateId root="2.16.840.1.113883.10.20.1.40"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/>
  <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/>
  <text>
    <reference value="#narrtextref"/>
  </text>
  <statusCode code="completed"/>
</act>
```

Item	DT	Card	Conf	Description	Label
hl7:act			R	A comment to the parent entry.	IHE PCC TF2 Rev.11, 6.3.4.6
└ @classCode	cs	1 … 1	F	ACT	
└ @moodCode	cs	1 … 1	F	EVN	
└ hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.2	
└ hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.6

└ @root	uid	1 … 1	F	2.16.840.1.113883.10.20.1.40	
└ hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.2	
└ hl7:id	II	0 … 1		An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.6
└ @root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	CD	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
└ @code	cs	1 … 1	F	48767-8	
└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 … 1	F	LOINC	
└ @displayName	st	1 … 1	F	Annotation comment	
Included		1 … 1	R	from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The reference to the text in the narrative section of the section MUST be specified.	

hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 … 1**	**M**	The status 'completed' indicates that the comment is final.	IHE PCC TF2 Rev.11, 6.3.4.6
@code	CS	**1 … 1**	F	completed	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			

hl7:author		0 … *		The author of the comment MAY be specified. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.6
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					

1.1.4.4 Case Identification

Id	2.16.756.5.30.1.1.10.4.15	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_CaseIdentification	**Display Name**	Case Identification
Description	If an examination belongs to a specific case, this CAN be documented with this element (in the Notification Organizer).		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.15		
Label	IHE PalM TF3 Rev.8, 6.3.4.9		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 4 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21

Relationship	Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.1.2 (2008-08-08)
Example	XD-LAB Example

```
<observation classCode="CASE" moodCode="EVN">
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1.2"/>
  <templateId root="2.16.756.5.30.1.1.10.4.15"/>
  <id root="1.3.6.1.4.1.19376.1.3.4" extension="SALM_83747"/>
  <code code="416341003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Case Started"/>
  <statusCode code="completed"/>
  <effectiveTime value="20080408000000.0000-0400"/>
  <value xsi:type="CE" code="27268008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Salmo-
nella"/>
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PalM TF3 Rev.8, 6.3.4.9
@classCode	CS	**1 … 1**	F	CASE	
@moodCode	CS	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.9
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.1.1.2	

└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.9
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.15	
└ hl7:id	**II**	**1 … ***	**R**	The number of the case to which the examinations belong in this section MUST be declared. Multiple case numbers CAN be specified.	IHE PalM TF3 Rev.8, 6.3.4.9
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the case identification itself. The case identification MUST be unique within the system that issued the ID.	
└ hl7:code	**CE**	**1 … 1**	**R**	The type of the case MUST be declared with a code. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used.	IHE PalM TF3 Rev.8, 6.3.4.9
└ @code	cs	**1 … 1**	R	The code MUST be specified.	
└ @codeSystem	oid	**1 … 1**	R	The OID of the code system MUST be specified.	
└ @codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	

hl7:statusCode	**CS**	**1 … 1**	**M**	The status 'completed' means the patient has been associated with the given case number. The status 'aborted' means the patient was associated with the case number in error.	IHE PalM TF3 Rev.8, 6.3.4.9
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**0 … 1**		MAY contain the period of validity of the case.	IHE PalM TF3 Rev.8, 6.3.4.9
hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the period. If it is not known, nullFavor='UNK' MUST be used.	IHE PalM TF3 Rev.8, 6.3.4.9
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the period. If it is not known, nullFavor='UNK' MUST be used.	IHE PalM TF3 Rev.8, 6.3.4.9
hl7:value	**CE**	**1 … 1**	**R**	A not further specified precision of the case MUST be declared according to XD-LAB with data type 'CE'. If no further precision is known, nullFavor='UNK' MUST be used.	IHE PalM TF3 Rev.8, 6.3.4.9
	Schematron assert	role	error		
		test	(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='UNK')		
		Message	Either a code with its code system or nullFlavor='UNK' is required.		

1.1.4.5 Device - participant Containment

Id	2.16.756.5.30.1.1.10.4.10	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_ParticipantBodyDevice	**Display Name**	Device - participant Containment
Description	Declaration of analyzer, test kit and manufacturer used to determine the result. All participating elements (including devices), MUST according to XD-LAB contain name, addr and telecom.		
Context	Pathname		
Label	CH-PALM		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 7 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.21	Containment	Device Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07)

Example

Example

```
<participant typeCode="DEV">
  <participantRole>
    <playingDevice>
      <manufacturerModelName>w872</manufacturerModelName>
      <softwareName>Pipette laboratory analyzer</softwareName>
    </playingDevice>
    <scopingEntity>
      <id root="2.999" extension="your id"/>
      <code nullFlavor="ASKU"/>
      <desc/>
    </scopingEntity>
  </participantRole>
</participant>
```

Item	DT	Card	Conf	Description	Label
`@typeCode`	CS	**1 … 1**	F	DEV	
`hl7:participantRole`		**1 … 1**	**R**		CH-PALM
└ `hl7:playingDevice`		**1 … 1**	**R**	Analyzer used to determine the result. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CH-PALM
└ `hl7:scopingEntity`		**0 … 1**		The test kit and its manufacturer CAN be specified.	CH-PALM

└ hl7:id	**II**	**0 … ***		The number of the test kit with which the result was determined CAN be specified. Multiple numbers are PERMITTED.	CH-PALM
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the number itself. The number MUST be unique within the system that issued the number.	
└ hl7:code	**CE**	**0 … 1**		A code that identifies the test kit CAN be specified. If no vocabulary is available, nullFlavor='OTH' including an originalText element MUST be used. In this case, the attributes @code, @codeSystem and @codeSystemName are NOT ALLOWED.	CH-PALM
└ @nullFlavor	cs	**0 … 1**	F	ASKU If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used.	
└ @code	cs	**0 … 1**		The code MUST be specified.	
└ @codeSystem	oid	**0 … 1**		The OID of the code system MUST be specified.	
└ @codeSystemName	st	**0 … 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	**0 … 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	

hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	

Schematron assert	role	error
	test	starts-with(@value,'#')
	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.
Variable let	Name	idvalue
	Value	substring-after(@value,'#')
Schematron assert	role	error
	test	ancestor::hl7:structuredBody//*[@ID=$idvalue]
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').
Schematron assert	role	error
	test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()
	Message	The originalText content MUST be identical to the narrative text for this reference.
Schematron assert	role	error
	test	(@code and @codeSystem) or (@nullFlavor='OTH' and hl7:originalText)
	Message	Either a code with its code system or nullFlavor='OTH' with an originalText element is required.

hl7:desc	**ED**	**0 … 1**		The manufacturer (name) of the test kit and any further information MAY be declared.	CH-PALM

1.1.4.6 External document

Id	2.16.756.5.30.1.1.10.4.29	**Effective Date**	2018-04-18
Status	Under pre-publication review	**Version Label**	2017
Name	cdach_entry_ExternalDocument	**Display Name**	External document

Description

External documents can be included in a CDA document, either by means of references or by means of XML embedding.
This template defines a reference to an external document, only.
Embedded documents can be created with the template Observation Media (or derived templates).

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.29
Label	CDA-CH V2
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Relationship	Specialization: template 2.16.840.1.113883.10.12.328 (2005-09-07) Adaptation: template 2.16.840.1.113883.10.20.1.36 (DYNAMIC)

Example	Example
	`<externalDocument classCode="DOC" moodCode="EVN">`
	`  <templateId root="2.16.756.5.30.1.1.10.4.29"/>`

```
  <id root="2.999" extension="your id"/>
  <text>
    <reference value="http://foo.bar"/>
  </text>
</externalDocument>
```

Item	DT	Card	Conf	Description	Label
hl7:externalDocument				Reference to an external document.	CDA-CH V2
@classCode	cs	**1 … 1**	F	DOC	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**			CDA-CH V2
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.29	
hl7:id	**II**	**1 … ***	**M**	MUST contain the id of the external document.	CDA-CH V2
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code			NP		CDA-CH V2
hl7:text	ED	0 … 1		The external document MUST be declared as a link. The link MUST be declared as an URL, which points to the referenced document. The same link MUST be used in the human readable part (narrative text) using the <linkHTML> element.	CDA-CH V2
hl7:reference					CDA-CH V2
	Schematron assert	role	error		
		test	not(@value) or @value=ancestor::hl7:section/hl7:text//hl7:linkHtml/@href		
		Message	The URL of a referenced document MAY be present, and SHALL be represented in Observation / reference / ExternalDocument / text / reference. A <linkHTML> element containing the same URL SHOULD be present in the associated CDA Narrative Block.		

1.1.4.7 Gestational Age At Birth

Id	2.16.756.5.30.1.1.10.4.84	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	cdachvacd_entry_GestationalAgeAtBirth	**Display Name**	Gestational Age At Birth
Description	The coded gestational age in days of gestation at birth of a patient. This item is intended to be applied for the child but not for the mother.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.84		
Label	CH-PCC		
Classification	CDA Entry Level Template		

Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.46	Containment	Other Relevant Observations Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.17		Immunization Recommendation Request (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.18		Immunization Recommendation Response (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.19		Vaccination Record (2018)	2018-04-19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	DYNAMIC

Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2016-09-26 08:43:40) Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

Example

Example

```
<templateId root="2.16.756.5.30.1.1.10.4.84"/>
<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
<id root="2.999" extension="extension"/>
<code code="49052-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Gestational age in days"/>
<text>
  <reference value="#cr-1"/>
</text>
<statusCode code="completed"/>
<effectiveTime value="20180414175201+02:00"/>
<value xsi:type="PQ" value="273" unit="d"/>
```

Item	DT	Card	Conf	Description	Label

hl7:observation				The coded gestational age in days of gestation at birth of a patient. This item is intended to be applied for the child but not for the mother.	CH-PCC
@classCode	cs	**1 … 1**	F	OBS	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		CH-PCC
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.84	
hl7:templateId	**II**	**1 … 1**	**M**		CH-PCC
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
hl7:id	**II**	**1 … 1**	**M**	Each observation SHALL have an identifier.	CH-PCC
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code	**CD**	**1 … 1**	**M**		CH-PCC
@code	cs	**1 … 1**	F	49052-4	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 … 1**	F	LOINC	
@displayName	st	**1 … 1**	F	Gestational age in days	
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		

		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode SHALL be set to 'completed' for all observations.	CH-PCC
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**R**	Date or timestamp of the finding (physiologically relevant time of this observation).	CH-PCC
hl7:value	**PQ**	**1 … 1**	**R**	The gestational age, recorded in days. Therefore weeks have to be converted to days and back to weeks by the applications. Examples: ▪ Application --> CDA: 37th week and 4th day = 37 * 7 + 4 days = 263 days ▪ CDA --> application: 178 d = 25 weeks and 3 days	CH-PCC
hl7:author		**0 … ***		This MAY be used to indicate who has documented the observation. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (DYNAMIC)	CH-PCC
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					

1.1.4.8 Human Patient with Non-Human Subject - subject Containment

Id	2.16.756.5.30.1.1.10.4.6	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_HumanPatientWithNonHumanSubject	**Display Name**	Human Patient with Non-Human Subject - subject Containment

Description

If, in a part of the document, certain laboratory observations for a human patient base on a sample of a non-human material (e.g., food eaten by the patient or an animal that has bitten the patient), it MUST be declared using this element in the CDA body. Other parts of the document may contain laboratory observations that base on other samples (including samples taken from the patient). In addition, the IHE template 1.3.6.1.4.1.19376.1.3.3.1.3 - Human Patient with Non-Human Subject (recordTarget) MUST be used in the CDA header.

Context	Pathname
Label	IHE PalM TF3 Rev.8, 6.3.4.4
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.320 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.3.1 (DYNAMIC)

Example

XD-LAB example

```
<subject>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.3.1"/>
  <relatedSubject>
    <code code="18998007" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Ferret species">
      <qualifier>
        <name code="105590001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Substance"/>
        <value code="39866004" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Animal"/>
      </qualifier>
    </code>
    <addr>
      <streetAddressLine>304 Portola Road</streetAddressLine>
      <city>San Jose</city>
      <state>CA</state>
      <postalCode>95120</postalCode>
      <country>USA</country>
    </addr>
  </relatedSubject>
</subject>
```

Example

Cheese eaten by the patient

```
<subject>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.3.1"/>
  <relatedSubject>
    <code code="102264005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Cheese">
      <qualifier>
        <name code="105590001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Substance"/>
        <value code="226760005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Dairy foods"/>
      </qualifier>
    </code>
    <addr>
      <streetAddressLine>Tante Emma Laden</streetAddressLine>
```

```
      <streetAddressLine>Einkaufstrasse 99</streetAddressLine>
      <postalCode>999</postalCode>
      <city>Musterhausen</city>
    </addr>
  </relatedSubject>
</subject>
```

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.4
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.3.1.3.1	
hl7:relatedSubject		**1 … 1**	**R**		IHE PalM TF3 Rev.8, 6.3.4.4
hl7:code	**CE**	**1 … 1**	**R**	The type of the non-human subject (animal species, food, material from nature, etc.) MUST be declared using a Code. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 Vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. If no vocabulary is available, nullFlavor='OTH' including an originalText element MUST be used. In this case, the attributes @code, @codeSystem and @codeSystemName are NOT ALLOWED.	IHE PalM TF3 Rev.8, 6.3.4.4
@nullFlavor	cs	**0 … 1**	F	OTH If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used.	
@code	cs	**0 … 1**		The code MUST be specified.	
@codeSystem	oid	**0 … 1**		The OID of the code system MUST be specified.	

└ @codeSystemName	st	0 … 1		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	0 … 1		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
Included		0 … 1	C	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		1 … 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
Schematron assert	role	error			
	test	starts-with(@value,'#')			
	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.			
Variable let	Name	idvalue			
	Value	substring-after(@value,'#')			
Schematron assert	role	error			
	test	ancestor::hl7:structuredBody//*[@ID=$idvalue]			
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').			
Schematron assert	role	error			

		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()			
		Message	The originalText content MUST be identical to the narrative text for this reference.			
	Schematron assert	role	error			
		test	(@code and @codeSystem) or (@nullFlavor='OTH' and hl7:originalText)			
		Message	Either a code with its code system or nullFlavor='OTH' with an originalText element is required.			
hl7:addr	**AD**	**1 ... 1**	**R**	The address is where the material was located, from which the sample was taken. If it is not known, nullFavor='UNK' MUST be used.		IHE PalM TF3 Rev.8, 6.3.4.4
	Schematron assert	role	error			
		test	not(@nullFlavor) or (@nullFlavor='UNK')			
		Message	If the address is not known, nullFavor='UNK' MUST be used.			

1.1.4.9 Immunization Entry

Id	2.16.756.5.30.1.1.10.4.89	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_Immunization	**Display Name**	Immunization Entry

Description

An immunizations entry is used to record the patient's immunization history. An immunization is a substance administration event. An immunization entry may also be used to report a specific immunization that was not performed (e.g. undesired immunization). In this case, negationInd shall be set to "true", otherwise, it shall be "false".

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.89
Label	IHE PCC TF2 Rev.11, 6.3.4.17
Classification	CDA Entry Level Template

Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 1 template, Uses 7 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.47	Containment	Immunizations Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.94	Containment	Manufactured Product (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.101	Containment	Immunization Performer - performer Containment (2016)	DYNAMIC
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.95	Containment	Target Of The Immunization - Medication Target (2018)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.96	Containment	Recommendation Category - Criterion (2018)	DYNAMIC

Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.12 (DYNAMIC) Specialization: template 2.16.840.1.113883.10.12.308 (2005-09-07)

Example

General structure

```
<substanceAdministration classCode="SBADM" moodCode="EVN" negationInd="false">
  <templateId root="2.16.756.5.30.1.1.10.4.89"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.12"/>
  <templateId root="2.16.840.1.113883.10.20.1.24"/>
  <id root="2.999" extension="your id"/>
  <code code="IMMUNIZ" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
  <text>
    <reference value="#im-1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime value="20180410145514+02:00"/>
  <priorityCode nullFlavor="UNK"/>
  <routeCode nullFlavor="UNK"/>
  <doseQuantity nullFlavor="UNK"/>
  <consumable typeCode="CSM">
    <!-- template 2.16.756.5.30.1.1.10.4.94 'Manufactured Product' -->
  </consumable>
```

```
  <performer>
    <!-- include template 2.16.756.5.30.1.1.10.4.101 'Immunization Performer - performer Containment' -->
  </performer>
  <author>
    <!-- template 2.16.756.5.30.1.1.10.9.48 'Author Compilation with name' -->
  </author>
  <entryRelationship typeCode="RSON">
    <!-- template 2.16.756.5.30.1.1.10.4.95 'Target Of The Immunization - Medication Target' -->
  </entryRelationship>
  <entryRelationship typeCode="SUBJ">
    <!-- template 2.16.756.5.30.1.1.10.4.2 'Annotation Comments' -->
  </entryRelationship>
  <precondition>
    <!-- template 2.16.756.5.30.1.1.10.4.96 'Recommendation Category - Criterion' -->
  </precondition>
</substanceAdministration>
```

Example

BOOSTRIX Polio

```
<substanceAdministration classCode="SBADM" moodCode="EVN" negationInd="false">
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.12"/>
  <templateId root="2.16.840.1.113883.10.20.1.24"/>
  <templateId root="2.16.756.5.30.1.1.10.4.89"/>
  <id root="4a641cee-aa60-09a6-b0ab-8d534c7c9e0d"/>
  <code code="IMMUNIZ" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
  <text>
    <reference value="#is10"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime value="20180604"/>
  <priorityCode nullFlavor="UNK"/>
  <routeCode nullFlavor="NA"/>
  <doseQuantity nullFlavor="UNK"/>
  <consumable typeCode="CSM">
    <manufacturedProduct>
      <templateId root="2.16.756.5.30.1.1.10.4.94"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.7.2"/>
      <templateId root="2.16.840.1.113883.10.20.1.53"/>
      <id root="2.51.1.1" extension="7680006370012"/>
      <manufacturedMaterial>
        <code code="J07CA02" codeSystem="2.16.840.1.113883.6.73" codeSystemName="WHO ATC"/>
        <name>BOOSTRIX Polio Inj Susp</name>
      </manufacturedMaterial>
      <manufacturerOrganization>
        <name use="L">GlaxoSmithKline AG</name>
      </manufacturerOrganization>
    </manufacturedProduct>
```

```
</consumable>
<performer>
  <time value="20180604"/>
  <assignedEntity>
    <id root="2.51.1.3" extension="7608888888888"/>
    <assignedPerson>
      <name use="L">
        <given>Allzeit</given>
        <family>Bereit</family>
        <prefix qualifier="AC">Dr. med.</prefix>
      </name>
    </assignedPerson>
    <representedOrganization>
      <id root="2.51.1.3" extension="7608888888888"/>
      <name use="L">Gruppenpraxis CH</name>
      <telecom value="tel:+41.32.234.55.66" use="WP"/>
      <telecom value="fax:+41.32.234.55.67" use="WP"/>
      <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
      <telecom value="http://www.gruppenpraxis.ch" use="WP"/>
      <addr use="WP">
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedOrganization>
  </assignedEntity>
</performer>
<author>
  <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician">
    <translation code="221" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical doctors"/>
  </functionCode>
  <time value="20180604"/>
  <assignedAuthor>
    <id root="2.51.1.3" extension="7608888888888"/>
    <assignedPerson>
      <name use="L">
        <given>Allzeit</given>
        <family>Bereit</family>
        <prefix qualifier="AC">Dr. med.</prefix>
      </name>
    </assignedPerson>
    <representedOrganization>
      <id root="2.51.1.3" extension="7608888888888"/>
      <name use="L">Gruppenpraxis CH</name>
      <telecom value="tel:+41.32.234.55.66" use="WP"/>
      <telecom value="fax:+41.32.234.55.67" use="WP"/>
      <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
      <telecom value="http://www.gruppenpraxis.ch" use="WP"/>
      <addr use="WP">
```

```
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedOrganization>
  </assignedAuthor>
</author>
<entryRelationship typeCode="SUBJ" inversionInd="true">
  <act classCode="ACT" moodCode="EVN">
    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/>
    <templateId root="2.16.840.1.113883.10.20.1.40"/>
    <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/>
    <text>
      <reference value="#is16"/>
    </text>
    <statusCode code="completed"/>
  </act>
</entryRelationship>
<entryRelationship typeCode="RSON" inversionInd="false">
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.95"/>
    <id root="4a641d8e-aa60-09a6-b7fb-8d534c7c9e0d"/>
    <code code="76668005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Diphterie"/>
    <text>
      <reference value="#is11"/>
    </text>
    <statusCode code="completed"/>
  </observation>
</entryRelationship>
<entryRelationship typeCode="RSON" inversionInd="false">
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.95"/>
    <id root="4a64209a-aa60-09a6-d5fd-8d534c7c9e0d"/>
    <code code="127786006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Tetanus"/>
    <text>
      <reference value="#is12"/>
    </text>
    <statusCode code="completed"/>
  </observation>
</entryRelationship>
<entryRelationship typeCode="RSON" inversionInd="false">
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.95"/>
    <id root="4a642130-aa60-09a6-a82a-8d534c7c9e0d"/>
    <code code="39343008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Keuchhusten"/>
    <text>
      <reference value="#is13"/>
    </text>
    <statusCode code="completed"/>
```

```
    </observation>
  </entryRelationship>
  <entryRelationship typeCode="RSON" inversionInd="false">
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="2.16.756.5.30.1.1.10.4.95"/>
      <id root="4a6421d0-aa60-09a6-e59e-8d534c7c9e0d"/>
      <code code="72093006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Kinderlähmung"/>
      <text>
        <reference value="#is14"/>
      </text>
      <statusCode code="completed"/>
    </observation>
  </entryRelationship>
  <precondition>
    <criterion>
      <templateId root="2.16.756.5.30.1.1.10.4.96"/>
      <code code="41501" codeSystem="2.16.756.5.30.1.127.3.3.4" displayName="Empfohlene Basisimpfungen"/>
      <text>
        <reference value="#is15"/>
      </text>
    </criterion>
  </precondition>
</substanceAdministration>
```

Item	DT	Card	Conf	Description	Label
hl7:substanceAdministration				An immunizations entry is used to record the patient's immunization history. An immunization is a substance administration event. An immunization entry may also be used to report a specific immunization that was not performed (e.g. undesired immunization). In this case, negationInd shall be set to "true", otherwise, it shall be "false".	IHE PCC TF2 Rev.11, 6.3.4.17
└ @moodCode	cs	**1 … 1**	F	EVN	
└ @negationInd	bl	**1 … 1**	R	For administered immunizations: negationInd='false' For undesired immunizations: negationInd='true'	

hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.17
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.89	
hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.17
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.12	
hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.17
@root	uid	1 … 1	F	2.16.840.1.113883.10.20.1.24	
hl7:id	II	1 … 1	R	Immunization ID, assigned by the software application.	IHE PCC TF2 Rev.11, 6.3.4.17
@root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
Choice		1 … 1		Elements to choose from: ▪ hl7:code ▪ hl7:code[concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.1.11.69-DYNAMIC.xml')//valueSet[1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]	

hl7:code	**CD**	**0 … 1**			IHE PCC TF2 Rev.11, 6.3.4.17
@code	cs	**1 … 1**	F	IMMUNIZ	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.4	
@codeSystemName	st	**1 … 1**	F	ActCode	
@displayName	st	0	NP	NP/not present	
hl7:code	**CD**	**0 … 1**			IHE PCC TF2 Rev.11, 6.3.4.17
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.69 *Special Case Medication* (DYNAMIC)			
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	

hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'completed' for all immunizations.	IHE PCC TF2 Rev.11, 6.3.4.17
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			

hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**R**	Date of the immunization.	IHE PCC TF2 Rev.11, 6.3.4.17
hl7:priorityCode	**CE**	**1 … 1**	**R**	If the priority for the immunization is known, the code MAY be drawn from the HL7 value set. Recommendation for eVACDOC: @nullFlavor='UNK'	IHE PCC TF2 Rev.11, 6.3.4.17
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16866 *ActPriority* (DYNAMIC)			
hl7:routeCode	**CE**	**1 … 1**	**R**	If the route of administration is known, the code MAY be drawn from the HL7 value set. Recommendation for eVACDOC: @nullFlavor='NA'	IHE PCC TF2 Rev.11, 6.3.4.17
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.79 *RouteOfAdministration (Immunization)* (DYNAMIC)			
hl7:approachSiteCode	**CD**	**0 … ***		If laterility of the administration is known, it MAY be recorded according to the HL7 value set. Recommendation for eVACDOC: omit	IHE PCC TF2 Rev.11, 6.3.4.17
@codeSystem	CONF	**0 … 1**	**F**	2.16.840.1.113883.5.1052 (Act Site)	
hl7:doseQuantity	**IVL_PQ**	**0 … 1**		If dose quantity of the administration is known, it MAY be recorded according to the recommendations in the addendum "Darstellung Medikation" to the German "Arztbrief". Recommendation for eVACDOC: @nullFlavor='UNK'	IHE PCC TF2 Rev.11, 6.3.4.17

└ hl7:consumable		1 … 1	R	Vaccine Contains 2.16.756.5.30.1.1.10.4.94 *Manufactured Product* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.17
where *[hl7:manufacturedProduct]*					
└ @typeCode	CS	1 … 1	F	CSM	
└ hl7:performer		0 … *		This MAY be used to indicate who has administered the immunization. Contains 2.16.756.5.30.1.1.10.4.101 *Immunization Performer - performer Containment* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.17
where *[hl7:assignedEntity]*					
└ hl7:author		0 … *		This MAY be used to indicate who has documented the immunization. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.17
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					
└ hl7:entryRelationship		0 … *		Target of the immunization (the disease against which the immunization provides protection). Reference to Medication Target (Target of the immunization). Contains 2.16.756.5.30.1.1.10.4.95 *Target Of The Immunization - Medication Target* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.17
where *[hl7:observation [hl7:code [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.1.11.71-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]]*					
└ @typeCode	CS	1 … 1	F	RSON	

hl7:entryRelationship		0 … *		Comments and remarks. Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.17
where *[hl7:act]*					
@typeCode	cs	1 … 1	F	SUBJ	
hl7:precondition		0 … *		Recommendation-Category according to the swiss vaccination plan. Contains 2.16.756.5.30.1.1.10.4.96 *Recommendation Category - Criterion* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.17
where *[hl7:criterion [hl7:code [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.1.11.70-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]]*					

Schematron assert	role	error
	test	(substring(/hl7:ClinicalDocument/hl7:effectiveTime/@value,1,6)<'20200415') or hl7:performer
	Message	After 15.4.2020, the performer is required for each immunization.
Schematron assert	role	error
	test	(substring(/hl7:ClinicalDocument/hl7:effectiveTime/@value,1,6)<'20200415') or (string-length(hl7:effectiveTime/@value)>7)
	Message	After 15.4.2020, the date with precision of day is required for each immunization.
Schematron assert	role	error
	test	(substring(/hl7:ClinicalDocument/hl7:effectiveTime/@value,1,6)<'20200415') or hl7:consumable/hl7:manufacturedProduct/hl7:manufacturedMaterial/hl7:lotNumberText/text()
	Message	After 15.4.2020, the lot number is required for each immunization.

1.1.4.10 Immunization Performer - performer Containment

Id	2.16.756.5.30.1.1.10.4.101	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_ImmunizationPerformer	**Display Name**	Immunization Performer - performer Containment
Description	Health professional that administered the immunization.		
Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.101		
Label	CDA-CH-VACD		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 2 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.89	Containment	Immunization Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.47		Immunizations Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.51	Containment	Assigned Entity Compilation with GLN and name (2017)	DYNAMIC

Example

Example

```
<performer>
  <templateId root="2.16.756.5.30.1.1.10.4.101"/>
  <time value="1975"/>
  <assignedEntity>
    <!-- template 2.16.756.5.30.1.1.10.2.66 'Assigned Entity Compilation with GLN and name' -->
  </assignedEntity>
</performer>
```

Item	DT	Card	Conf	Description	Label
hl7:templateId	II	1 … 1	M		CDA-...VACD
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.101	
hl7:time	TS.CH.TZ	1 … 1	R	Timestamp of the immunization (year or date or exact timestamp).	CDA-...VACD
hl7:assignedEntity		1 … 1	R	Health professional that administered the immunization (incl. GLN, name and its optional organization). Contains 2.16.756.5.30.1.1.10.9.51 *Assigned Entity Compilation with GLN and name* (DYNAMIC)	CDA-...VACD

1.1.4.11 Immunization Recommendation Entry

Id	2.16.756.5.30.1.1.10.4.93	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_ImmunizationRecommendation	**Display Name**	Immunization Recommendation Entry

Description

An immunization recommendation entry is used to record the patient's immunization plan. An immunization recommendation is a substance administration proposal or a documentation of an intended, but not yet administered immunization. An immunization recommendation entry may also be a record of a specific immunization that shouldn't performed. In this case, negationInd shall be set to "true", otherwise, it shall be "false".

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.93

Label	IHE PCC TF2 Rev.11, 6.3.4.49
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 1 template, Uses 6 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.48	Containment	Immunization Recommendations Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.94	Containment	Manufactured Product (2016)	DYNAMIC
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.95	Containment	Target Of The Immunization - Medication Target (2018)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.96	Containment	Recommendation Category - Criterion (2018)	DYNAMIC

Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.12.2 (DYNAMIC) Specialization: template 2.16.840.1.113883.10.12.301 (2005-09-07)

Example

General

```
<substanceAdministration classCode="SBADM" moodCode="PRP" negationInd="false">
  <templateId root="2.16.756.5.30.1.1.10.4.93"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.12.2"/>
  <templateId root="2.16.840.1.113883.10.20.1.25"/>
  <id root="2.999" extension="your id"/>
  <code code="IMMUNIZ" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
  <text>
    <reference value="#imr-1"/>
  </text>
  <statusCode code="active"/>
  <priorityCode nullFlavor="UNK"/>
  <routeCode nullFlavor="UNK"/>
  <doseQuantity nullFlavor="UNK"/>
  <consumable typeCode="CSM">
    <!-- template 2.16.756.5.30.1.1.10.4.94 'Manufactured Product' -->
```

```
  </consumable>
  <author>
    <!-- template 2.16.756.5.30.1.1.10.9.48 'Author Compilation with name' -->
  </author>
  <entryRelationship typeCode="RSON">
    <!-- template 2.16.756.5.30.1.1.10.4.95 'Target Of The Immunization - Medication Target' -->
  </entryRelationship>
  <entryRelationship typeCode="SUBJ">
    <!-- template 2.16.756.5.30.1.1.10.4.2 'Annotation Comments' -->
  </entryRelationship>
  <precondition>
    <!-- template 2.16.756.5.30.1.1.10.4.96 'Recommendation Category - Criterion' -->
  </precondition>
</substanceAdministration>
```

Example

REVAXIS, Dosis zu 0.5 ml

```
<substanceAdministration classCode="SBADM" moodCode="PRP" negationInd="false">
  <templateId root="2.16.756.5.30.1.1.10.4.93"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.12.2"/>
  <templateId root="2.16.840.1.113883.10.20.1.25"/>
  <id root="2.999" extension="your id"/>
  <code code="IMMUNIZ" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
  <text>
    <reference value="#imr-1"/>
  </text>
  <statusCode code="active"/>
  <priorityCode nullFlavor="UNK"/>
  <routeCode nullFlavor="UNK"/>
  <doseQuantity>
    <low value="0.3" unit="ml"/>
    <high value="0.4" unit="ml"/>
  </doseQuantity>
  <consumable typeCode="CSM">
    <manufacturedProduct>
      <templateId root="2.16.756.5.30.1.1.10.4.94"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.7.2"/>
      <templateId root="2.16.840.1.113883.10.20.1.53"/>
      <id root="2.51.1.1" extension="7680006460010"/>
      <manufacturedMaterial>
        <code code="J07CA01" codeSystem="2.16.840.1.113883.6.73" codeSystemName="WHO ATC Code" displayName="diphtheria-poliomyelitis-
tetanus"/>
        <name>REVAXIS Inj Susp m Nadeln</name>
        <lotNumberText>G7237</lotNumberText>
      </manufacturedMaterial>
      <manufacturerOrganization>
        <name>Sanofi-Aventis (Suisse) SA</name>
```

```
      </manufacturerOrganization>
    </manufacturedProduct>
  </consumable>
  <author>
    <!-- template 2.16.756.5.30.1.1.10.9.48 'Author Compilation with name' -->
  </author>
  <entryRelationship typeCode="RSON">
    <!-- template 2.16.756.5.30.1.1.10.4.95 'Target Of The Immunization - Medication Target' -->
  </entryRelationship>
  <entryRelationship typeCode="SUBJ">
    <act classCode="ACT" moodCode="EVN">
      <templateId root="2.16.756.5.30.1.1.10.4.2"/>
      <templateId root="2.16.840.1.113883.10.20.1.40"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/>
      <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/>
      <text>
        Dosierung: abhängig vom Alter und den Risiken (siehe Factsheet Schweizerischer Impfplan)
        <reference value="#narrtextref1"/>
      </text>
      <statusCode code="completed"/>
    </act>
  </entryRelationship>
  <precondition>
    <!-- template 2.16.756.5.30.1.1.10.4.96 'Recommendation Category - Criterion' -->
  </precondition>
</substanceAdministration>
```

Example

HAVRIX Erwachsene 1440 U/1 ml, Dosis 0.5 ml

```
<substanceAdministration classCode="SBADM" moodCode="PRP" negationInd="false">
  <templateId root="2.16.756.5.30.1.1.10.4.93"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.12.2"/>
  <templateId root="2.16.840.1.113883.10.20.1.25"/>
  <id root="2.999" extension="your id"/>
  <code code="IMMUNIZ" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
  <text>
    <reference value="#imr-1"/>
  </text>
  <statusCode code="active"/>
  <priorityCode nullFlavor="UNK"/>
  <routeCode nullFlavor="UNK"/>
  <doseQuantity value="0.5" unit="ml"/>
  <consumable typeCode="CSM">
    <manufacturedProduct>
      <templateId root="2.16.756.5.30.1.1.10.4.94"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.7.2"/>
      <templateId root="2.16.840.1.113883.10.20.1.53"/>
```

```
      <id root="2.51.1.1" extension="7680005580054"/>
      <manufacturedMaterial>
        <code code="J07BC02" codeSystem="2.16.840.1.113883.6.73" codeSystemName="WHO ATC Code" displayName="hepatitis A, inactivated, whole virus"/>
        <name>HAVRIX 1440 Inj Susp</name>
        <lotNumberText>X2124</lotNumberText>
      </manufacturedMaterial>
      <manufacturerOrganization>
        <name>GlaxoSmithKline AG</name>
      </manufacturerOrganization>
    </manufacturedProduct>
  </consumable>
  <author>
    <!-- template 2.16.756.5.30.1.1.10.9.48 'Author Compilation with name' -->
  </author>
  <entryRelationship typeCode="RSON">
    <!-- template 2.16.756.5.30.1.1.10.4.95 'Target Of The Immunization - Medication Target' -->
  </entryRelationship>
  <entryRelationship typeCode="SUBJ">
    <act classCode="ACT" moodCode="EVN">
      <templateId root="2.16.756.5.30.1.1.10.4.2"/>
      <templateId root="2.16.840.1.113883.10.20.1.40"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/>
      <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/>
      <text>
        Dosierung: eine Dosis zur Primovakzination; Auffrischimpfung innert 6 bis 12 Monaten nach der Primovakzination
        <reference value="#narrtextref2"/>
      </text>
      <statusCode code="completed"/>
    </act>
  </entryRelationship>
  <precondition>
    <!-- template 2.16.756.5.30.1.1.10.4.96 'Recommendation Category - Criterion' -->
  </precondition>
</substanceAdministration>
```

Item	DT	Card	Conf	Description	Label
hl7:substanceAdministration				An immunization recommendation entry is used to record the patient's immunization plan. An immunization recommendation is a substance administration proposal or a documentation of an intended, but not yet administered immunization. An immunization recommendation entry may also be a record of a specific immunization that shouldn't performed. In this case, negationInd shall be set to "true", otherwise, it shall be "false".	IHE PCC TF2 Rev.11, 6.3.4.49

└ @moodCode	cs	1 … 1	R	▪ INT: Intended but not yet administered immunization ▪ PRP: recommended immunization (proposal)	
	CONF	@moodCode shall be "INT" or @moodCode shall be "PRP"			
└ @negationInd	bl	1 … 1	R	▪ false: For intended or proposed immunizations. ▪ true: For immunizations that shouldn't be administered	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.49
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.93	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.49
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.12.2	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.49
└ @root	uid	1 … 1	F	2.16.840.1.113883.10.20.1.25	
└ hl7:id	**II**	**1 … 1**	**R**	Immunization recommendation ID, assigned by the software application.	IHE PCC TF2 Rev.11, 6.3.4.49

└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
Choice		**1 … 1**		Elements to choose from: ▪ hl7:code ▪ hl7:code[concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.1.11.69-DYNAMIC.xml')//valueSet[1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]	
└ hl7:code	**CD**	**0 … 1**			IHE PCC TF2 Rev.11, 6.3.4.49
└ @code	cs	**1 … 1**	F	IMMUNIZ	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.4	
└ @codeSystemName	st	**1 … 1**	F	ActCode	
└ @displayName	st	0	NP	NP/not present	
└ hl7:code	**CD**	**0 … 1**			IHE PCC TF2 Rev.11, 6.3.4.49
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	

└ @displayName	st	1 … 1	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.69 *Special Case Medication* (DYNAMIC)			
Included		1 … 1		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		1 … 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		

hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'active' for all immunization recommendations.	IHE PCC TF2 Rev.11, 6.3.4.49
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20023 *ActStatusActive* (DYNAMIC)			
Choice		**1 … 1**		Elements to choose from: ▪ hl7:effectiveTime ▪ hl7:effectiveTime	
hl7:effectiveTime	**TS.CH.TZ**	**0 … 1**	**C**	Date on which the immunization administration is recommended.	IHE PCC TF2 Rev.11, 6.3.4.49
@xsi:type		**1 … 1**	F	TS	
hl7:effectiveTime	**IVL_TS.CH.TZ**	**0 … 1**	**C**	Period in which the immunization administration is recommended.	IHE PCC TF2 Rev.11, 6.3.4.49
@xsi:type		**1 … 1**	F	IVL_TS	
hl7:low	**TS.CH.TZ**				IHE PCC TF2 Rev.11, 6.3.4.49
hl7:high	**TS.CH.TZ**				IHE PCC TF2 Rev.11, 6.3.4.49

└ hl7:priorityCode	**CE**	**1 … 1**	**R**	If the priority for the immunization is relevant for the recommendation, the code MAY be drawn from the HL7 value set. Recommendation for eVACDOC: @nullFlavor='UNK'	IHE PCC TF2 Rev.11, 6.3.4.49
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16866 *ActPriority* (DYNAMIC)			
└ hl7:routeCode	**CE**	**1 … 1**	**R**	If the route of administration is relevant for the recommendation, the code MAY be drawn from the HL7 value set. Recommendation for eVACDOC: @nullFlavor='NA'	IHE PCC TF2 Rev.11, 6.3.4.49
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.79 *RouteOfAdministration (Immunization)* (DYNAMIC)			
└ hl7:approachSiteCode	**CD**	**0 … ***		If laterility of the administration is relevant for the recommendation, it MAY be recorded according to the HL7 value set. Recommendation for eVACDOC: omit	IHE PCC TF2 Rev.11, 6.3.4.49
└ @codeSystem	CONF	**0 … 1**	**F**	2.16.840.1.113883.5.1052 (Act Site)	
└ hl7:doseQuantity	**IVL_PQ**	**0 … 1**		If dose quantity of the administration is relevant for the recommendation, it MAY be recorded according to the recommendations in the addendum "Darstellung Medikation" to the German "Arztbrief". Recommendation for eVACDOC: @nullFlavor='UNK'	IHE PCC TF2 Rev.11, 6.3.4.49
└ hl7:consumable		**1 … 1**	**R**	Vaccine Contains 2.16.756.5.30.1.1.10.4.94 *Manufactured Product* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.49

where *[hl7:manufacturedProduct]*					
└ `@typeCode`	CS	**1 … 1**	F	CSM	
└ `hl7:author`		**0 … ***		This MAY be used to indicate who has documented the immunization recommendation. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.49
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					
└ `hl7:entryRelationship`		**0 … ***		Target of the recommended immunization (the disease against which the immunization provides protection). Reference to Medication Target (Target of the immunization). Contains 2.16.756.5.30.1.1.10.4.95 *Target Of The Immunization - Medication Target* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.49
where *[hl7:observation [hl7:code [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.1.11.71-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]]*					
└ `@typeCode`	CS	**1 … 1**	F	RSON	
└ `hl7:entryRelationship`		**0 … ***		Comments and remarks. Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.49
where *[hl7:act]*					
└ `@typeCode`	CS	**1 … 1**	F	SUBJ	
└ `hl7:precondition`		**0 … ***		Recommendation-Category according to the swiss vaccination plan. Contains 2.16.756.5.30.1.1.10.4.96 *Recommendation Category - Criterion* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.49

where *[hl7:criterion [hl7:code [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.1.11.70-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]]*

1.1.4.12 Laboratory Battery Organizer

Id	2.16.756.5.30.1.1.10.4.19	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_LaboratoryBatteryOrganizer	**Display Name**	Laboratory Battery Organizer

Description

According to IHE XD-LAB, the Laboratory Battery Organizer allows the grouping of results.
Laboratory reports MUST contain at least one result group with at least one result.
The grouping of multiple results (Observations) into multiple result groups (Laboratory Battery Organizers) is permitted.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.19
Label	IHE PalM TF3 Rev.8, 6.3.4.12
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 3 templates, Uses 12 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - authenticator/participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.18	Containment	Multimedia Embedded Content (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.29	Containment	External document (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.305 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.1.4 (DYNAMIC)

Example

Example

```
<organizer classCode="BATTERY" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.19"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.4"/>
  <id root="2.999" extension="your id"/>
  <code displayName="displayName" codeSystemName="codeSystemName" codeSystem="1.2.3.999" code="cs"/>
  <statusCode/>
  <effectiveTime value="20180320134438+0100"/>
</organizer>
```

Item	DT	Card	Conf	Description	Label
hl7:organizer					IHE PalM TF3 Rev.8, 6.3.4.12
@classCode	cs	**1 … 1**	F	BATTERY	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.12
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.19	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.12
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.1.4	
hl7:id	**II**	**0 … 1**		An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.4.12
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code	**CD**	**0 … 1**		IF the results in this result group are associated to a codable group (e.g., LOINC Code 55429-5 for 'short blood count panel'), then the code SHOULD be specified. The code system is not further specified. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. IF this result group contains any other results, then the code SHOULD be omitted.	IHE PalM TF3 Rev.8, 6.3.4.12
@code	cs	**1 … 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 … 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:statusCode	**CS**	**1 … 1**	**M**	The status 'completed' means that all expected results for this results group are present and in a final state. The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.	IHE PalM TF3 Rev.8, 6.3.4.12
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Timestamp or period of findings (physiologically relevant period) for all results in this result group.	IHE PalM TF3 Rev.8, 6.3.4.12
@value	TS.CH.TZ	**0 … 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	

└ hl7:low	**TS.CH.TZ**	**0 … 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PaIM TF3 Rev.8, 6.3.4.12
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
└ hl7:high	**TS.CH.TZ**	**0 … 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PaIM TF3 Rev.8, 6.3.4.12
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
	Schematron assert	role	error		
		test	@nullFlavor='UNK' or @value or (hl7:low and hl7:high)		
		Message	Either the imestamp or the period of the findings MUST be declared. If it is not known, nullFavor='UNK' must be used.		
Choice		**0 … 1**		IF this result group is based on a specimen of a non-human material, the subject element MUST be declared. Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
└ hl7:subject		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.12

where *[hl7:relatedSubject]*					
└ hl7:subject		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.12
where *[hl7:relatedSubject]*					
└ hl7:performer		**0 … ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.12
where *[hl7:assignedEntity]*					
└ hl7:author		**0 … ***		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.12
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					
Choice		**0 … ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	

└ hl7:participant		0 … *		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/ participant Containment* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.12
where *[hl7:participantRole]*					
└ hl7:participant		0 … *		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.12
where *[hl7:participantRole]*					
└ hl7:participant		0 … *		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.12
where *[hl7:participantRole]*					
Choice		0 … *		Elements to choose from: ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	
└ hl7:entryRelationship		0 … *		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.12

where *[hl7:procedure]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.12
where *[hl7:observation]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.12
where *[hl7:observationMedia]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.12
where *[hl7:act]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:reference`		**0 … ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.12

where *[hl7:externalDocument]*				
└ @typeCode	cs	**1 ... 1**	F	REFR

1.1.4.13 Laboratory Isolate Organizer

Id	2.16.756.5.30.1.1.10.4.17	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_LaboratoryIsolateOrganizer	**Display Name**	Laboratory Isolate Organizer
Description	The Laboratory Isolate Organizer MUST ONLY be used if it is a microbiological specimen with which isolates/germs were examined.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.17		
Label	IHE PalM TF3 Rev.8, 6.3.4.11		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 3 templates, Uses 13 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2017)	DYNAMIC

2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - authenticator/participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.18	Containment	Multimedia Embedded Content (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.29	Containment	External document (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.1.5 (2008-08-08)

Example

XD-LAB Example

```
<organizer classCode="CLUSTER" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.17"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.5"/>
  <statusCode code="completed"/>
  <effectiveTime value="20071108000000.0000-0500"/>
  <specimen typeCode="SPC">
    <specimenRole classCode="ISLT">
      <id root="1.3.6.1.4.1.19376.1.3.4" extension="55584739"/>
      <specimenPlayingEntity classCode="MIC">
        <code code="79153007" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Salmonella tennessee
6,7,14;z29;1,2,7"/>
      </specimenPlayingEntity>
    </specimenRole>
  </specimen>
  <performer typeCode="PRF">
    <templateId root="1.3.6.1.4.1.19376.1.3.3.1.7"/>
    <!-- .. -->
  </performer>
  <author typeCode="AUT"> ... </author>
```

```
  <participant typeCode="AUTHEN">
    <templateId root="1.3.6.1.4.1.19376.1.3.3.1.5"/>
    <!-- .. -->
  </participant>
  <participant typeCode="RESP">
    <!-- .. -->
  </participant>
  <participant typeCode="DEV">
    <!-- .. -->
  </participant>
  <component>
    <observation classCode="OBS" moodCode="EVN">
      <templateId root="1.3.6.1.4.1.19376.1.3.1.6"/>
      <code code="89029-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Microbiology Culture"/>
      <!-- .. -->
    </observation>
  </component>
</organizer>
```

Item	DT	Card	Conf	Description	Label
hl7:organizer					IHE PalM TF3 Rev.8, 6.3.4.11
└ @classCode	cs	**1 … 1**	F	CLUSTER	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.11
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.17	

hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.11
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.1.5	
hl7:id	**II**	**0 … 1**	**R**	An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.4.11
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**0 … 1**		If the results in this isolate group are associated to a codable group, then the code SHOULD be specified. The code system is not further specified. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. IF this isolate group contains any other results, then the code SHOULD be omitted.	IHE PalM TF3 Rev.8, 6.3.4.11
@code	cs	**1 … 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 … 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	

Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
`hl7:text`	**ED**	**1 … 1**	**M**		CDA-CH V2
`hl7:reference`	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
`@value`		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
`hl7:statusCode`	**CS**	**1 … 1**	**M**	The status 'completed' means that all expected results for this isolate are present and in a final state. The status 'active' means that the examinations are still running. Some results are still pending.	IHE PaIM TF3 Rev.8, 6.3.4.11

				The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20309 *ActStatusAborted-CancelledCompleted* (DYNAMIC)			
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Timestamp or period of findings (physiologically relevant period) for all results in this result group.	IHE PalM TF3 Rev.8, 6.3.4.11
└ @value	TS.CH.TZ	**0 … 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	
└ hl7:low	**TS.CH.TZ**	**0 … 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.8, 6.3.4.11
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
└ hl7:high	**TS.CH.TZ**	**0 … 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.8, 6.3.4.11
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
	Schematron assert	role	error		
		test	@nullFlavor='UNK' or @value or (hl7:low and hl7:high)		

		Message		Either the imestamp or the period of the findings MUST be declared. If it is not known, nullFavor='UNK' must be used.	
Choice		**0 … 1**		IF this isolate group is based on a specimen of a non-human material, the subject element MUST be declared. Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
`hl7:subject`		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:relatedSubject]*					
`hl7:subject`		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:relatedSubject]*					
`hl7:specimen`		**1 … 1**	**R**	The specific sub-specimen on which a microorganism was isolated and cultivated.	IHE PalM TF3 Rev.8, 6.3.4.11
`@typeCode`	`CS`	**1 … 1**	F	SPC	
`hl7:specimenRole`		**1 … 1**	**R**		IHE PalM TF3 Rev.8, 6.3.4.11

└ @classCode	cs	**1 … 1**	F	SPEC	
└ hl7:id	**II**	**0 … 1**		Unique identifier for this isolate, known to the laboratory.	IHE PalM TF3 Rev.8, 6.3.4.11
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:specimenPlayingEntity		**1 … 1**	**R**		IHE PalM TF3 Rev.8, 6.3.4.11
└ @classCode	cs	**1 … 1**	F	MIC	
└ hl7:code	**CE**	**1 … 1**	**R**	Identification of the microorganism, in a standard vocabulary.	IHE PalM TF3 Rev.8, 6.3.4.11
└ @code	cs	**1 … 1**	R	The code MUST be specified.	
└ @codeSystem	oid	**1 … 1**	R	The OID of the code system MUST be specified.	
└ @codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	

└ hl7:performer		0 … *		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:assignedEntity]*					
└ hl7:author		0 … *		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					
Choice		0 … *		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	
└ hl7:participant		0 … *		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:participantRole]*					

└ hl7:participant		0 … *		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:participantRole]*					
└ hl7:participant		0 … *		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:participantRole]*					
Choice		1 … *		Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	
└ hl7:component		0 … *		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:procedure]*					
└ @typeCode	CS	1 … 1	F	COMP	

└ hl7:component		0 … *		Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:observation]*					
└ @typeCode	cs	1 … 1	F	COMP	
└ hl7:component		0 … *		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:observationMedia]*					
└ @typeCode	cs	1 … 1	F	COMP	
└ hl7:component		0 … *		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:act]*					
└ @typeCode	cs	1 … 1	F	COMP	
└ hl7:reference		0 … *		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.11
where *[hl7:externalDocument]*					
└ @typeCode	cs	1 … 1	F	REFR	

1.1.4.14 Laboratory Observation

Id	2.16.756.5.30.1.1.10.4.3	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_LaboratoryObservation	**Display Name**	Laboratory Observation

Description

Laboratory reports MUST contain at least one laboratory result which is declared using this element. Each laboratory result consists of code, value and interpretation of the result.

Code

For laboratory reports in Switzerland, primarly LOINC and where necessary, additional SNOMED CT codes MUST be used. At least one laboratory result for a specimen MUST thus contain a LOINC code.

Certain microbiology pathogen detection can not be uniquely identified with LOINC (e.g., Campylobacter coli). Such pathogen detection must be specified in a second observation in the same Laboratory Battery Organizer with a corresponding code from another code system (e.g., SNOMED CT).

For examinations according to the Swiss analysis list (AL), a translation element CAN be specified to establish the reference to the corresponding AL position.

Further translation elements may be added to make reference to other codes, e.g. the locally used code in the laboratory.

Value

The concrete values measured MUST be specified in observation elements as follows (data types according to HL7 CDA):

- Text findings are declared as free text in the narrative portion of the corresponding section, and the text element MUST contain the corresponding reference to the narrative text. In this case, the observation MAY NOT contain the value element.
- True / False values are declared using the data type BL.
- Encoded values are declared using the data type CD.
- Numeric results are declared using data type PQ in combination with internationally standardized units (UCUM), according to the value set.
- Ratios are declared with data type RTO.

Interpretation

The interpretation code specifies AT LEAST whether it is a normal result or a result outside the normal range. Further interpretation codes CAN be used.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.3

Label	IHE PalM TF3 Rev.8, 6.3.4.13
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 12 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - authenticator/participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.22	Containment	Previous Observation (2017)	DYNAMIC

	2.16.756.5.30.1.1.10.4.29 Containment External document (2017) DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.6 (DYNAMIC)
Example	Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.3"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.6"/>
  <code code="2951-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Sodium [Moles/volume] in Serum or Plas-
ma">
    <translation code="1574.00" codeSystemName="Swiss analysis list (AL)" codeSystem="2.16.756.5.30.1.129.1.3" displayName="Natrium,
Blut/Plasma/Serum"/>
  </code>
  <text>
    <reference value="#nartext1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime value="20180311202253"/>
  <value xsi:type="PQ" value="137" unit="mmol/L"/>
  <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>
  <referenceRange typeCode="REFV">
    <observationRange classCode="OBS" moodCode="EVN.CRT">
      <value xsi:type="IVL_PQ">
        <low value="135" unit="mmol/L"/>
        <high value="147" unit="mmol/L"/>
      </value>
      <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>
    </observationRange>
  </referenceRange>
</observation>
```

Item	DT	Card	Conf	Description	Label

hl7:observation				Laboratory result with interpretation, related previous results, reference range, participants (persons and devices) as well as comments.	IHE PalM TF3 Rev.8, 6.3.4.13
@classCode	cs	**1 … 1**	F	OBS	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.13
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.1.6	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.13
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.3	
hl7:id	**II**	**0 … 1**		An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.4.13
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

└ hl7:code	**CD**	**1 … 1**	**R**	A unique code for this result MUST be specified.	IHE PalM TF3 Rev.8, 6.3.4.13
└ @nullFlavor	st	**0 … 1**	F	NAV	
└ @code	cs	**0 … 1**		The code MUST be specified.	
└ @codeSystem	oid	**0 … 1**		The OID of the code system MUST be specified.	
└ @codeSystemName	st	**0 … 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	**0 … 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
└ hl7:translation	**CD**	**0 … ***		Makes reference to the corresponding position of the Swiss analysis list (AL). Multiple references (translation elements) are allowed.	IHE PalM TF3 Rev.8, 6.3.4.13
└ @code	cs	**1 … 1**	R	The position number of the Swiss Analysis list MUST be declared.	
└ @codeSystem	oid	**1 … 1**	F	2.16.756.5.30.1.129.1.3 The OID of the Swiss analysis list (AL) MUST be specified.	
└ @codeSystemName	st	**1 … 1**	F	Swiss analysis list (AL) The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. It MUST correspond to one of the available languages of the Swiss analysis list (AL). However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the Swiss analysis list (AL).	

hl7:translation	**CD**	**0 … ***		Makes reference to other codes, e.g. the locally used code in the laboratory. Multiple references (translation elements) are allowed.	IHE PalM TF3 Rev.8, 6.3.4.13
@code	cs	**1 … 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 … 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Schematron assert	role	error		
		test	(@code and @codeSystem=('2.16.840.1.113883.6.1','2.16.840.1.113883.6.96')) or (@nullFlavor='NAV')		
		Message	Either a LOINC or SNOMED CT code or nullFlavor='NAV' is required.		
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	

	Schematron assert	role	error			
		test	starts-with(@value,'#')			
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.			
	Variable let	Name	idvalue			
		Value	substring-after(@value,'#')			
	Schematron assert	role	error			
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]			
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').			
hl7:statusCode	**CS**	**1 … 1**	**M**	The status 'completed' means that the result is final. The status 'aborted' means that the examination could not be performed.	IHE PalM TF3 Rev.8, 6.3.4.13	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)				
hl7:effectiveTime	**IVL_TS.CH.TZ**	**0 … 1**	**C**	Timestamp of the finding (physiologically relevant time of this observation). Accuracy of the value: Date and time with hour and minute This information is ALLOWED for results within an isolate group, ONLY. For all other results, the time specified in the Laboratory Battery Organizer is to be used.	IHE PalM TF3 Rev.8, 6.3.4.13	
	Schematron assert	role	error			
		test	string-length(@value)>11			
		Message	A precision of date and time of day with at least hour and minute is required.			
	Schematron assert	role	error			
		test	ancestor::*[hl7:templateId/@root='1.3.6.1.4.1.19376.1.3.1.5']			

		Message	The effectiveTime information is ALLOWED for results within an isolate group, ONLY. For all other results, the time specified in the Laboratory Battery Organizer is to be used.		
Choice		**0 … ***	The result of the examination MUST be specified for all elements with status 'completed'. One of the following data types MUST be used. For elements with status 'aborted', the result of the test is NOT ALLOWED. In the case of microbiological or infection-serological detection of pathogens, NO value element is PERMITTED. Instead, declare using the interpretationCode whether the pathogen was detected in the sample (POS) or not (NEG). Elements to choose from: ▪ hl7:value ▪ hl7:value ▪ hl7:value ▪ hl7:value ▪ hl7:value		
└ `hl7:value`	**BL**	**0 … 1**		True / False or Yes / No Result. If the observation value can not be determined, @value is NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	IHE PalM TF3 Rev.8, 6.3.4.13
└ `@xsi:type`		**1 … 1**	F	BL	
└ `@nullFlavor`	cs	**0 … 1**	F	NA Observation value could not be determined.	
└ `@value`	bl	**0 … 1**		true or false.	
	Example	`<value xsi:type="BL" value="false"/>`			
	Schematron assert	role	error		
		test	@value or (@nullFlavor='NA' and parent::*/hl7:interpretationCode[@code=('>','<')])		
		Message	If the observation value can not be determined, @value is NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that decla-		

				res whether the result is below (Low of scale) or above (High of scale) of the reference range..	
hl7:value	**CD**	**0 … 1**		Coded result. If the observation value can not be determined, @code, @codeSystem, @codeSystemName and @displayName are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	IHE PalM TF3 Rev.8, 6.3.4.13
@xsi:type		**1 … 1**	F	CD	
@nullFlavor	cs	**0 … 1**	F	NA Observation value could not be determined.	
@code	cs	**0 … 1**		The code MUST be specified.	
@codeSystem	oid	**0 … 1**		The OID of the code system MUST be specified.	
@codeSystemName	st	**0 … 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**0 … 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Example	`<value xsi:type="CD" code="N" codeSystem="2.16.756.5.30.2.1.1.3.1"/>`			
	Schematron assert	role	error		
		test	(@code and @codeSystem and @codeSystemName and @displayName) or (@nullFlavor='NA' and parent::*/hl7:interpretationCode[@code=('>','<')])		
		Message	If the observation value can not be determined, @code, @codeSystem, @codeSystemName and @displayName are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.		
hl7:value	**ED**	**0 … 1**		Text result.	IHE PalM TF3 Rev.8, 6.3.4.13

└ @xsi:type		1 … 1	F	ED	
	Example	<value xsi:type="ED"> <reference value="#l1"/> </value>			
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference [@value = '#xxx']	IHE PalM TF3 Rev.8, 6.3.4.13
└ @value		1 … 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content> Element.</content>	
└ hl7:value	**PQ**	**0 … 1**		Numeric result with unit. If the observation value can not be determined, @value and @unit are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	IHE PalM TF3 Rev.8, 6.3.4.13
└ @xsi:type		1 … 1	F	PQ	
└ @nullFlavor	cs	0 … 1	F	NA Observation value could not be determined.	
└ @unit	cs	0 … 1		Valid UCUM unit.	
└ @value	real	0 … 1		Numeric observation result	
	Example	<value xsi:type="PQ" value="6.4" unit="mg/dL"/>			
	Schematron assert	role	error		
		test	(@unit and @value) or (@nullFlavor='NA' and parent::*/hl7:interpretationCode[@code=('>','<')])		
		Message	If the observation value can not be determined, @value and @unit are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.		

hl7:value	**RTO**	**0 … 1**		Ratio results. If the observation value can not be determined, numerator and denominator are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	IHE PalM TF3 Rev.8, 6.3.4.13
@xsi:type		**1 … 1**	F	RTO	
@nullFlavor	CS	**0 … 1**	F	NA Observation value could not be determined.	

	Example	Titer
		`<value xsi:type="RTO">`
		`  <numerator xsi:type="INT" value="1"/>`
		`  <denominator xsi:type="INT" value="64"/>`
		`</value>`			

hl7:numerator	**QTY**	**0 … 1**			IHE PalM TF3 Rev.8, 6.3.4.13
@value		**1 … 1**	R	Numerator of the ratio.	
hl7:denominator	**QTY**	**0 … 1**			IHE PalM TF3 Rev.8, 6.3.4.13
@value		**1 … 1**	R	Denominator of the ratio.	
	Schematron assert	role	error		
		test	(hl7:numerator[@value] and hl7:denominator[@value]) or (@nullFlavor='NA' and parent::*/hl7:interpretationCode[@code=('>','<')])		
		Message	If the observation value can not be determined, numerator and denominator are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.		

└ hl7:interpretationCode	**CE**	**0 … 1**		At least one interpretation of the result MUST be declared. For this purpose, a code from the HL7 Observation Interpretation vocabulary MUST be used. Examples of normal results: ▪ N: Normal Examples of pathogen detection: ▪ POS: pathogen found in the specimen ▪ NEG: pathogen not found in the specimen (No evidence or no growth). Note: Negative does not necessarily imply the complete absence of the specified item. Examples abnormal results with numeric values: ▪ H: High - Above reference range ▪ HH: High alert - Above reference range (critical value) ▪ L: Low - Below reference range ▪ LL: Low alert - Below reference range (critical value) Examples of non-determinable results: ▪ >: High off scale - Above analytical limit ▪ <: Low off scale - Below analytical limit Examples of antimicrobial susceptibility tests in microbiology: ▪ S: susceptible ▪ R: resistant ▪ I: intermediate ▪ SDD: Susceptible-dose dependent	IHE PalM TF3 Rev.8, 6.3.4.13
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.78 *ObservationInterpretation* (DYNAMIC)			
Choice		**0 … 1**		IF this result is based on a specimen of a non-human material, this MUST be declared with the subject element. Elements to choose from:	

				▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
└ hl7:subject		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:relatedSubject]*					
└ hl7:subject		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:relatedSubject]*					
└ hl7:performer		**0 … ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:assignedEntity]*					
└ hl7:author		**0 … ***		This MAY be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					
Choice		**0 … ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP).	

				▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	
└ **hl7:participant**		**0 … ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:participantRole]*					
└ **hl7:participant**		**0 … ***		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:participantRole]*					
└ **hl7:participant**		**0 … ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:participantRole]*					
└ **hl7:entryRelationship**		**0 … ***		Information on specimen collection for this Observation. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:procedure]*					

└ @typeCode	cs	**1 … 1**	F	COMP	
└ hl7:entryRelationship		**0 … ***		Comment on this Observation. Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:act]*					
└ @typeCode	cs	**1 … 1**	F	SUBJ	
└ @inversionInd	bl	**1 … 1**	F	true	
└ hl7:entryRelationship		**0 … ***		This CAN be used to indicate previous observation for the same test code on a previous specimen. Contains 2.16.756.5.30.1.1.10.4.22 *Previous Observation* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:observation]*					
└ @typeCode	cs	**1 … 1**	F	REFR	
└ hl7:sequenceNumber	**INT**	**0 … 1**		In case there is more than one previous result, the entryRelationship elements are sorted in reverse chronological order, and numbered from 1 to n by sequenceNumber.	IHE PalM TF3 Rev.8, 6.3.4.13
└ @value	int	**0 … 1**		Contains the sequence number.	
└ hl7:reference		**0 … ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.13
where *[hl7:externalDocument]*					

└ @typeCode	CS	1 … 1	F	REFR	
└ hl7:referenceRange		0 … 1		The reference range SHALL be specified for the range of normal values for the data types PQ and INT. The following applies: ▪ Upper limit: [R] ▪ Lower limit: [R] ▪ interpretationCode containing code=N: [M] The reference range CAN be omitted for other data types. If only an upper or lower limit is meaningful, the unused limit MUST be declared using nullFlavor.	IHE PalM TF3 Rev.8, 6.3.4.13
└ @typeCode	CS	1 … 1	F	REFV	
└ hl7:observationRange		1 … 1	M		IHE PalM TF3 Rev.8, 6.3.4.13
└ @classCode	CS	1 … 1	F	OBS	
└ @moodCode	CS	1 … 1	F	EVN.CRT	
Choice		0 … 1		Elements to choose from: ▪ hl7:value[@xsi:type='IVL_PQ'] ▪ hl7:value[@xsi:type='IVL_INT']	
└ hl7:value	**IVL_PQ**	0 … 1	R	Reference range for PQ data types	IHE PalM TF3 Rev.8, 6.3.4.13
where *[@xsi:type='IVL_PQ']*					
└ @xsi:type		1 … 1	F	IVL_PQ	

hl7:low	**IVXB_PQ**	**1 … 1**		Lower limit of the reference range	IHE PalM TF3 Rev.8, 6.3.4.13
@nullFlavor	cs	**0 … 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	real	**0 … 1**		Lower limit value of the reference range	
@unit	cs	**0 … 1**		Valid UCUM Unit of the lower limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		
		Message	Unused limit MUST be declared using nullFlavor='NA'.		
hl7:high	**IVXB_PQ**	**1 … 1**		Upper limit of the reference range	IHE PalM TF3 Rev.8, 6.3.4.13
@nullFlavor	cs	**0 … 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	real	**0 … 1**		Upper limit value of the reference range	
@unit	cs	**0 … 1**		Valid UCUM Unit of the upper limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		
		Message	Unused limit MUST be declared using nullFlavor='NA'.		

hl7:value	**IVL_INT**	**0 … 1**	**R**	Reference range for INT data types	IHE PalM TF3 Rev.8, 6.3.4.13
where *[@xsi:type='IVL_INT']*					
@xsi:type		**1 … 1**	F	IVL_INT	
hl7:low	**IVXB_INT**	**1 … 1**		Lower limit of the reference range	IHE PalM TF3 Rev.8, 6.3.4.13
@nullFlavor	cs	**0 … 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	int	**0 … 1**		Lower limit value of the reference range	
@unit	cs	**0 … 1**		Valid UCUM Unit of the lower limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		
		Message	Unused limit MUST be declared using nullFlavor='NA'.		
hl7:high	**IVXB_INT**	**1 … 1**		Upper limit of the reference range	IHE PalM TF3 Rev.8, 6.3.4.13
@nullFlavor	cs	**0 … 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	int	**0 … 1**		Upper limit value of the reference range	

└ @unit	cs	0 … 1		Valid UCUM Unit of the upper limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		
		Message	Unused limit MUST be declared using nullFlavor='NA'.		
└ hl7:interpretationCode	**CE**	**1 … 1**	**M**	This reference range defines normal values.	IHE PalM TF3 Rev.8, 6.3.4.13
└ @code	CONF	**1 … 1**	**F**	N	

1.1.4.15 Laboratory Performer - performer Containment

Id	2.16.756.5.30.1.1.10.4.7	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_LaboratoryPerformer	**Display Name**	Laboratory Performer - performer Containment

Description

This CAN be used to indicate another executing laboratory in the CDA body. When executing laboratories are specified, the following applies:

- If all tests have been performed by the same laboratory, this element MUST be specified in the header using the Laboratory Performer (documentationOf).
- If multple laboratories have provided results for this document, they must be specified in the body using this element (at entry, organizer or observation level, depending on the extent of the results delivered by the appropriate laboratory).
- All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.

Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.7
Label	IHE PalM TF3 Rev.8, 6.3.2.20
Classification	CDA Entry Level Template

Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 8 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.28	Containment	Laboratory Performer - documentationOf (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.320 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.7 (DYNAMIC)

Example

Example

```
<performer typeCode="PRF">
  <templateId root="2.16.756.5.30.1.1.10.4.7"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.7"/>
  <time>
    <low value="20180320142600"/>
  </time>
  <assignedEntity>
    <!-- template 2.16.756.5.30.1.1.10.9.17 'Assigned Entity Compilation with name, addr and telecom'-->
  </assignedEntity>
</performer>
```

Item	DT	Card	Conf	Description	Label
@typeCode	cs	1 … 1	F	PRF	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.2.20
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.7	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.2.20
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.3.3.1.7	
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the last delivery of this laboratory to the document.	IHE PalM TF3 Rev.8, 6.3.2.20
hl7:assignedEntity		**1 … 1**	**R**	All persons and organizations, MUST according to XD-LAB contain name, addr and tele-com. Contains 2.16.756.5.30.1.1.10.9.17 *Assigned Entity Compilation with name, addr and tele-com* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.2.20

1.1.4.16 Laboratory Report Data Processing Entry

Id	2.16.756.5.30.1.1.10.4.4	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_LaboratoryReportDataProcessingEntry	**Display Name**	Laboratory Report Data Processing Entry

Description	Each chapter (Laboratory Speciality Section and Laboratory Report Item Section) MUST contain exactly one findings group (CDA Body Laboratory Report Data Processing Entry).
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.4
Label	IHE PaIM TF3 Rev.8, 6.3.4.2
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 2 templates, Uses 18 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5	Containment	Laboratory Report Item Section - coded (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - authenticator/participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.12	Containment	Specimen Received (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.14	Containment	Notifiable Condition (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.15	Containment	Case Identification (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.16	Containment	Outbreak Identification (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	DYNAMIC

2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.18	Containment	Multimedia Embedded Content (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.29	Containment	External document (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.301 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.1 (DYNAMIC)

Example

Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.4"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1"/>
  <code code="18723-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HEMATOLOGY STUDIES"/>
  <statusCode code="completed"/>
  <!-- One of these templates:
2.16.756.5.30.1.1.10.4.15 - Case Identification
2.16.756.5.30.1.1.10.4.19 - Laboratory Battery Organizer
2.16.756.5.30.1.1.10.4.17 - Laboratory Isolate Organizer
2.16.756.5.30.1.1.10.4.18 - Multimedia Embedded Content
2.16.756.5.30.1.1.10.4.14 - Notifiable Condition
2.16.756.5.30.1.1.10.4.13 - Notification Organizer
2.16.756.5.30.1.1.10.4.16 - Outbreak Identification
2.16.756.5.30.1.1.10.4.11 - Specimen Collection
2.16.756.5.30.1.1.10.4.12 - Specimen Received
-->
</act>
```

Item	DT	Card	Conf	Description	Label
hl7:act					IHE PalM TF3 Rev.8, 6.3.4.2

└ @classCode	cs	**1 … 1**	F	ACT	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PaIM TF3 Rev.8, 6.3.4.2
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.1	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PaIM TF3 Rev.8, 6.3.4.2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.4	
└ hl7:id	**II**	**0 … 1**		An ID for this item MAY be filled for traceability.	IHE PaIM TF3 Rev.8, 6.3.4.2
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CD**	**1 … 1**	**M**	The same code as in the chapter (Laboratory Speciality Section Code or Laboratory Report Item Section Code) MUST be used. Both codes MUST be the identical.	IHE PaIM TF3 Rev.8, 6.3.4.2
└ @code	st	**1 … 1**	R		

└ @codeSystem	oid	**1 … 1**	R		
└ @codeSystemName	st	**1 … 1**	R		
└ @displayName	st	**1 … 1**	R		
└ hl7:text	**ED**		**NP**	In the Laboratory Report Data Processing Entry, the text element is NOT PERMITTED for laboratory findings in Switzerland.	IHE PalM TF3 Rev.8, 6.3.4.2
└ hl7:statusCode	**CS**	**1 … 1**	**M**	The status 'completed' means that all expected results for this findings group are present and in a final state. The status 'active' means that the examinations are still running. Some results are still pending. The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.	IHE PalM TF3 Rev.8, 6.3.4.2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20309 *ActStatusAborted-CancelledCompleted* (DYNAMIC)			
Choice		**0 … 1**		IF this findings group is based on a specimen of a non-human material, this MUST be declared with the subject element. Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
└ hl7:subject		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2

where *[hl7:relatedSubject]*					
└ hl7:subject		**0 … 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:relatedSubject]*					
└ hl7:performer		**0 … ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:assignedEntity]*					
└ hl7:author		**0 … ***		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					
Choice		**0 … ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	

└ hl7:participant		0 … *		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - authenticator/ participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:participantRole]*					
└ hl7:participant		0 … *		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:participantRole]*					
└ hl7:participant		0 … *		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:participantRole]*					
Choice		1 … *		A findings group may contain the following elements. **Note:**The usage of Laboratory Observations, permitted by XD-LAB is NOT ALLOWED for this specification. Such Laboratory Observations MUST be placed in a Laboratory Battery Organizer. Elements to choose from: ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.13 *Notification Organizer* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC)	

				▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.17 *Laboratory Isolate Organizer* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.19 *Laboratory Battery Organizer* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	
└ hl7:entryRelationship		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:procedure]*					
└ @typeCode	CS	**1 … 1**	F	COMP	
└ hl7:entryRelationship		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:act]*					
└ @typeCode	CS	**1 … 1**	F	COMP	
└ hl7:entryRelationship		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.13 *Notification Organizer* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2

where *[hl7:organizer]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.2
where *[hl7:observation]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.2
where *[hl7:observation]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.2
where *[hl7:observation]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.17 *Laboratory Isolate Organizer* (DYNAMIC)	IHE PaIM TF3 Rev.8, 6.3.4.2

where *[hl7:organizer]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.19 *Laboratory Battery Organizer* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:organizer]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:observationMedia]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:entryRelationship`		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2
where *[hl7:act]*					
└ `@typeCode`	CS	**1 … 1**	F	COMP	
└ `hl7:reference`		**0 … ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.2

where *[hl7:externalDocument]*				
@typeCode	cs	**1 .. 1**	F	REFR
Schematron assert	role	error		
	test	(hl7:code/@code=parent::hl7:entry/parent::hl7:section/hl7:code/@code) and (hl7:code/@codeSystem=parent::hl7:entry/parent::hl7:section/hl7:code/@codeSystem)		
	Message	The code MUST be the identical to the one of the section.		

1.1.4.17 Laboratory Results Validator - authenticator/participant Containment

Id	2.16.756.5.30.1.1.10.4.8	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_LaboratoryResultsValidator	**Display Name**	Laboratory Results Validator - authenticator/ participant Containment

Description

The document MAY contain further signatures (besides the legal authenticator). A Laboratory Results Validator is such an authenticator. It is a laboratory specialist who has performed the clinical validation of the entire document or a subset of the laboratory results. If this element is specified, the following applies:

- If only one laboratory specialist has carried out the clinical validation of the document, it should be specified in the header, only.
- If multiple laboratory specialists were involved in the clinical validation of the document, all must be specified in the header and body (at entry, organizer or observation level, depending on the scope of the results that the corresponding person has validated).
- All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.

Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.8
Label	IHE PaIM TF3 Rev.8, 6.3.2.16
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.20	Containment	PlayingEntity Compilation with name (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.107 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.5 (DYNAMIC)

Example

Example

```
<participant typeCode="AUTHEN">
  <templateId root="2.16.756.5.30.1.1.10.4.8"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.5"/>
  <participantRole>
    <addr>
      <!-- template 2.16.756.5.30.1.1.10.9.35 'Address Information Compilation - eCH-0010' -->
    </addr>
    <telecom value="tel:+41.33.123.45.67 "/>
    <playingEntity>
      <!-- template 2.16.756.5.30.1.1.10.9.20 'PlayingEntity Compilation with name' -->
    </playingEntity>
  </participantRole>
</participant>
```

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 … 1**	F	AUTHEN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.2.16
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.8	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.2.16
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.3.1.5	
hl7:participantRole		**1 … 1**	**R**		IHE PalM TF3 Rev.8, 6.3.2.16
└ hl7:addr	**AD**	**1 … ***		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.2.16
└ hl7:telecom	**TEL**	**1 … ***		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	IHE PalM TF3 Rev.8, 6.3.2.16

└ hl7:playingEntity				Contains 2.16.756.5.30.1.1.10.9.20 *PlayingEntity Compilation with name* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.2.16

1.1.4.18 Manufactured Product

Id	2.16.756.5.30.1.1.10.4.94	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_ManufacturedProduct	**Display Name**	Manufactured Product

Description

Structured information on a product (e.g. Vaccine or Medication).

- Trade name of the product SHALL be present in the element 'name' of manufacturedMaterial,
- Package barcode (GTIN) SHALL be present in the element 'ID' of manufacturedProduct IF KNOWN
- WHO-ATC code MAY be present in the element 'code' of manufacturedMaterial
- LOT (lot number) of the product MAY be present in the element 'lotNumberText' of manufacturedMaterial
- Name of the manufacturer MAY be present in the element 'name' of manufacturerOrganization

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.94
Label	IHE PCC TF2 Rev.11, 6.3.4.19
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.89	Containment	Immunization Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.47		Immunizations Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.93	Containment	Immunization Recommendation Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.48		Immunization Recommendations Section - coded (2016)	2016-11-11

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.7.2 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.312 (2005-09-07)

Example

Example

```
<consumable typeCode="CSM">
  <manufacturedProduct>
    <templateId root="2.16.756.5.30.1.1.10.4.94"/>
    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.7.2"/>
    <templateId root="2.16.840.1.113883.10.20.1.53"/>
    <id root="2.51.1.1" extension="7680006370012"/>
    <manufacturedMaterial>
      <code code="J07CA02" codeSystem="2.16.840.1.113883.6.73" codeSystemName="WHO ATC Code" displayName="diphtheria-pertussis-
poliomyelitis-tetanus "/>
      <name>BOOSTRIX Polio Inj Susp</name>
      <lotNumberText>A98732</lotNumberText>
    </manufacturedMaterial>
    <manufacturerOrganization>
      <name>GlaxoSmithKline AG</name>
    </manufacturerOrganization>
  </manufacturedProduct>
</consumable>
```

Item	DT	Card	Conf	Description	Label

hl7:manufacturedProduct				Structured information on a product (e.g. Vaccine or Medication). ▪ Trade name of the product SHALL be present in the element 'name' of manufacturedMaterial, ▪ Package barcode (GTIN) SHALL be present in the element 'ID' of manufacturedProduct IF KNOWN ▪ WHO-ATC code MAY be present in the element 'code' of manufacturedMaterial ▪ LOT (lot number) of the product MAY be present in the element 'lotNumberText' of manufacturedMaterial ▪ Name of the manufacturer MAY be present in the element 'name' of manufacturerOrganization	IHE PCC TF2 Rev.11, 6.3.4.19
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.19
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.94	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.19
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.7.2	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.19
└ @root	uid	**1 … 1**	F	2.16.840.1.113883.10.20.1.53	

hl7:id	II	1 … 1	R	The barcode on the package (GTIN).	IHE PCC TF2 Rev.11, 6.3.4.19
@nullFlavor	cs	0 … 1	F	NAV	
@root	uid	0 … 1	F	2.51.1.1	
@extension	st	0 … 1		The barcode (GTIN) itself.	
	Schematron assert	role	error		
		test	(@root='2.51.1.1' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GTIN or nullFlavor='NAV' is required.		
hl7:id	II	0 … *		Other IDs for this product MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.19
@root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:manufacturedMaterial					IHE PCC TF2 Rev.11, 6.3.4.19
hl7:code	CE	1 … 1	R	WHO ATC Code	IHE PCC TF2 Rev.11, 6.3.4.19

@nullFlavor	st	0 … 1	F	NAV	
@code	cs	0 … 1			
@codeSystem	oid	0 … 1	F	2.16.840.1.113883.6.73	
@codeSystemName	st	0 … 1	F	WHO ATC	
@displayName	st	0 … 1			
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
hl7:name	**EN**	**1 … 1**	**R**	Trade name of the product.	IHE PCC TF2 Rev.11, 6.3.4.19
hl7:lotNumberText	**ST**	**0 … 1**		LOT-No. (Lot Number) of the product.	IHE PCC TF2 Rev.11, 6.3.4.19
hl7:manufacturerOrganization		**0 … 1**		Manufacturer of the product. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.19

1.1.4.19 Multimedia Embedded Content

Id	2.16.756.5.30.1.1.10.4.18	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017

Name	chpalm_entry_MultimediaEmbeddedContent	Display Name	Multimedia Embedded Content

Description

Multimedia objects (e.g., PDF representations of the CDA document, pictures, Reiber diagrams, electrophoresis, etc.) MAY be integrated into a CDA document, either by reference to external multimedia objects or by means of XML embedding.

This template defines only the embedding of multimedia objects in the CDA document. References to external documents can be created with the ExternalDocument template.

For embedding in XML, the multimedia objects Base-64 must be encoded.

Due to the amount of data, only light objects should be embedded.

Heavy objects should be integrated using links to external documents.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.18
Label	CH-PALM
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 5 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21

Relationship	Specialization: template 2.16.840.1.113883.10.12.304 (2005-09-07) Specialization: template 2.16.756.5.30.1.1.10.4.83 (DYNAMIC)

Example	XD-LAB Example
	`<section>`
	`  <text>`
	`  <!-- ... -->`
	`  <renderMultimedia referencedObject="ELECTRO"/>`
	`  <!-- ... -->`
	`  </text>`
	`  <entry>`
	`  <!-- ... -->`
	`  <observationMedia classCode="OBS" moodCode="EVN" ID="ELECTRO">`
	`  <value mediaType="image/gif" representation="B64">Here is the inline B64 multimedia content</value>`
	`  </observationMedia>`
	`  <!-- ... -->`
	`  </entry>`
	`</section>`

Example	Example
	`<observationMedia ID="pdf1">`
	`  <templateId root="2.16.756.5.30.1.1.10.4.18"/>`
	`  <templateId root="2.16.756.5.30.1.1.10.4.83"/>`
	`  <id root="2.999" extension="1095634"/>`
	`  <languageCode code="en-US"/>`
	`  <value xsi:type="ED" mediaType="application/pdf" representation="B64">JVBERi0xL ... 1DQolJUVPRg==</value>`
	`</observationMedia>`

Item	DT	Card	Conf	Description	Label
hl7:observationMedia					CH-PALM
└ @ID	st	**1 ... 1**	R	Key for the reference to the narrative part of the document (<renderMultimedia referencedObject="the Key..."/>)	

hl7:templateId	II	1 … 1	M		CH-PALM
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.18	
hl7:templateId	II	1 … 1	M		CH-PALM
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.83	
hl7:id	II	0 … *		IDs for this item CAN be filled for traceability.	CH-PALM
@root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:languageCode	CS	1 … 1	R	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the multimedia object is written. If it isn't known or not available (e.g. for pictures), use nullFlavor instead.	CH-PALM
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			

hl7:value	**ED**	**1 .. 1**	**R**	The Base-64 encoded multimedia object.	CH-PALM
@representation	CS	**1 .. 1**	F	B64 Indicates that the object is Base-64 encoded.	
@mediaType	CS	**1 .. 1**	R	Mime type of the multimedia object. According to XD-LAB, only gif, jpeg, png or bmp formats are permitted for laboratory reports (Value-Set Multimedia Embedded Media Types)	
	CONF	The value of @mediaType shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.5 *Multimedia Embedded Media Types* (DYNAMIC)			
hl7:entryRelationship			**NP**	This template defines only the embedding of multimedia objects in the CDA document.	CH-PALM
hl7:reference			**NP**	This template defines only the embedding of multimedia objects in the CDA document.	CH-PALM

1.1.4.20 Non-Human Subject - subject Containment

Id	2.16.756.5.30.1.1.10.4.5	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_NonHumanSubject	**Display Name**	Non-Human Subject - subject Containment

Description

If, in a part of the document, laboratory obseravtions base exclusively on a sample of a non-human material (e.g., animal, water, soil, etc.) without reference to a patient, it MUST be declared using this element in the CDA body.
Other parts of the document may contain laboratory observations that base on other samples (including samples taken from the patient).
In addition, the IHE template 1.3.6.1.4.1.19376.1.3.3.1.2 - Non-Human Subject (recordTarget) MUST be used in the CDA header.

Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.5
Label	IHE PalM TF3 Rev.8, 6.3.4.3
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.320 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.2.1 (DYNAMIC)

Example	XD-LAB example <subject> <cda:templateId root="2.16.756.5.30.1.1.10.4.5"/> <cda:templateId root="1.3.6.1.4.1.19376.1.3.3.1.2.1"/> <relatedSubject> <code code="226955001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Chicken"> <qualifier> <name code="105590001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Substance"/> <value code="255620007" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Food"/> </qualifier> </code> <addr> <streetAddressLine>304 Portola Road</streetAddressLine> <city>San Jose</city> <state>CA</state> <postalCode>95120</postalCode> <country>USA</country> </addr> </relatedSubject> </subject>
Example	Water specimen from a reservoir <subject> <cda:templateId root="2.16.756.5.30.1.1.10.4.5"/> <cda:templateId root="1.3.6.1.4.1.19376.1.3.3.1.2.1"/> <relatedSubject> <code code="257687008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Reservoir (environment)"> <qualifier> <name code="105590001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Substance"/> <value code="229979003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="General food and drink types"/> </qualifier> </code> <addr> <streetAddressLine>Wasserversorgung Gemeindeverband Musterhausen</streetAddressLine> <streetAddressLine>Reservoir Waldrand</streetAddressLine> <postalCode>8888</postalCode> <city>Musterhausen</city> </addr> </relatedSubject> </subject>

Item	DT	Card	Conf	Description	Label
hl7:templateId	II	1 … 1	M		IHE PalM TF3 Rev.8, 6.3.4.3
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.5	
hl7:templateId	II	1 … 1	M		IHE PalM TF3 Rev.8, 6.3.4.3
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.3.3.1.2.1	
hl7:relatedSubject		1 … 1	R		IHE PalM TF3 Rev.8, 6.3.4.3
hl7:code	CE	1 … 1		The type of the non-human subject (animal species, food, material from nature, etc.) MUST be declared using a Code. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 Vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. If no vocabulary is available, nullFlavor='OTH' including an originalText element MUST be used. In this case, the attributes @code, @codeSystem and @codeSystemName are NOT ALLOWED.	IHE PalM TF3 Rev.8, 6.3.4.3
@nullFlavor	cs	0 … 1	F	ASKU If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used.	
@code	cs	0 … 1		The code MUST be specified.	
@codeSystem	oid	0 … 1		The OID of the code system MUST be specified.	

@codeSystemName	st	0 … 1		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	0 … 1		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
Included		0 … 1	C	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		1 … 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	

Schematron assert	role	error
	test	starts-with(@value,'#')
	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.
Variable let	Name	idvalue
	Value	substring-after(@value,'#')
Schematron assert	role	error
	test	ancestor::hl7:structuredBody//*[@ID=$idvalue]
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').
Schematron assert	role	error

		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='OTH' and hl7:originalText)		
		Message	Either a code with its code system or nullFlavor='OTH' with an originalText element is required.		
hl7:addr	**AD**	**1 ... 1**		The address is where the material was located, from which the sample was taken. If it is not known, nullFavor='UNK' MUST be used.	IHE PalM TF3 Rev.8, 6.3.4.3

1.1.4.21 Notifiable Condition

Id	2.16.756.5.30.1.1.10.4.14	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_NotifiableCondition	**Display Name**	Notifiable Condition
Description	If a reportable condition is given (e.g., according to the Federal Act on Combating Communicable Human Diseases and the associated ordinance), this CAN be declared in the CDA body using this element.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.14		
Label	IHE PalM TF3 Rev.8, 6.3.4.8		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 4 templates, Uses 0 templates

Used by	as	Name	Version

2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.1.1.1 (DYNAMIC)

Example

XD-LAB example

```
<observation classCode="COND" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.14"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1.1"/>
  <id root="1.3.6.1.4.1.19376.1.3.4" extension="SALM"/>
  <code code="170516003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Notification of Disease">
    <qualifier>
      <name code="246087005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Source of Specimen"/>
      <value code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>
    </qualifier>
  </code>
  <statusCode code="completed"/>
  <effectiveTime value="20080408000000.0000-0400"/>
  <value xsi:type="CE" code="27268008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Salmo-
nella"/>
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PalM TF3 Rev.8, 6.3.4.8
@classCode	CS	1 ... 1	F	COND	

@moodCode	cs	1 … 1	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.8
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.3.1.1.1	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.8
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.14	
hl7:id	**II**	**0 … ***		An ID for this item CAN be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.4.8
@root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 … 1**	**R**	A code that defines the reportable condition MUST be specified.	IHE PalM TF3 Rev.8, 6.3.4.8
hl7:qualifier	**CR**	**1 … 1**	**R**	A qualification of the notifiable condition MUST be specified.	IHE PalM TF3 Rev.8, 6.3.4.8

hl7:name	**CV**	**1 … 1**	**R**	Qualifies the code with the source of specimen	IHE PalM TF3 Rev.8, 6.3.4.8
hl7:value	**CD**	**1 … 1**	**R**	Identifies the specimen source of the condition – patient, food, water, ...	IHE PalM TF3 Rev.8, 6.3.4.8
@code	cs	**1 … 1**	R	The OID of the code system MUST be specified.	
@codeSystem	oid	**1 … 1**	R	The code MUST be specified.	
@codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:statusCode	**CS**	**1 … 1**	**M**	The status 'completed' means the patient has been associated with the given notifiable condition. The status 'aborted' means the patient was associated with the notifiable condition in error.	IHE PalM TF3 Rev.8, 6.3.4.8
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:value	**CE**	**1 … 1**	**R**	A code that defines the reportable state MUST be specified. If no code is known, nullFlavor='NA' MUST be used.	IHE PalM TF3 Rev.8, 6.3.4.8
@nullFlavor	cs	**0 … 1**	F	NA	

			If no code is known, nullFlavor='NA' MUST be used.
@code	cs	0 … 1	The code MUST be specified.
@codeSystem	oid	0 … 1	The OID of the code system MUST be specified.
@codeSystemName	st	0 … 1	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.
@displayName	st	0 … 1	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.

Schematron assert		
	role	error
	test	(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='NA')
	Message	Either a code with its code system or nullFlavor='NA' is required.

1.1.4.22 Notification Organizer

Id	2.16.756.5.30.1.1.10.4.13	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_NotificationOrganizer	**Display Name**	Notification Organizer

Description

A laboratory report MAY contain information on the obligation to report pathogen detection, on accumulation of observations or specific epidemiologically relevant events.

Precise specification on the usage of this element is documented in the specification "Laboratory reports for public health (CDA-CH-LRPH)".

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.13
Label	IHE PaIM TF3 Rev.8, 6.3.4.7

Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 3 templates, Uses 3 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.14	Containment	Notifiable Condition (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.15	Containment	Case Identification (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.16	Containment	Outbreak Identification (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.305 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.1 (DYNAMIC)

Example

Example

```
<organizer classCode="CLUSTER" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.13"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1"/>
  <statusCode code="completed"/>
  <!-- one of these templates:
Notifiable Condition (2.16.756.5.30.1.1.10.4.14)
Case Identification (2.16.756.5.30.1.1.10.4.15)
Outbreak Identification (2.16.756.5.30.1.1.10.4.16)
-->
</organizer>
```

Item	DT	Card	Conf	Description	Label

hl7:organizer						IHE PalM TF3 Rev.8, 6.3.4.7
@classCode		cs	1 … 1	F	CLUSTER	
@moodCode		cs	1 … 1	F	EVN	
hl7:templateId		**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.7
@root		uid	1 … 1	F	2.16.756.5.30.1.1.10.4.13	
hl7:templateId		**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.7
@root		uid	1 … 1	F	1.3.6.1.4.1.19376.1.3.1.1	
hl7:statusCode		**CS**	**1 … 1**	**M**	The status 'completed' means that the patient is assigned to the notification.	IHE PalM TF3 Rev.8, 6.3.4.7
		CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
Choice			**1 … ***		Contains at least one notification. Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC)	

				▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC)	
└ hl7:component		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.7
where *[hl7:observation]*					
└ hl7:component		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.7
where *[hl7:observation]*					
└ hl7:component		**0 … ***		Contains 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.7
where *[hl7:observation]*					

1.1.4.23 Outbreak Identification

Id	2.16.756.5.30.1.1.10.4.16	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_OutbreakIdentification	**Display Name**	Outbreak Identification

Description

If an examination falls under the category "accumulation of observations" or "specific epidemiologically relevant event", this CAN be declared in the CDA body using this element.

Precise specification on the usage of this element is documented in the specification "Laboratory reports for public health (CDA-CH-LRPH)"

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.16
Label	IHE PalM TF3 Rev.8, 6.3.4.10
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates
Relationship	Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.1.3 (DYNAMIC)
Example	Example

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21

```
<observation classCode="OUTB" moodCode="EVN">
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1.3"/>
  <templateId root="2.16.756.5.30.1.1.10.4.16"/>
  <id root="2.999" extension="your id"/>
  <code displayName="Outbreak" codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96" code="416534008"/>
  <statusCode code="completed"/>
  <value nullFlavor="NA"/>
```

```
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PalM TF3 Rev.8, 6.3.4.10
@classCode	cs	**1 … 1**	F	OUTB	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.10
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.1.1.3	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.10
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.16	
hl7:id	**II**	**0 … ***		An ID for this item CAN be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.4.10

└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CD**	**1 … 1**	**R**	A code that defines the 'outbreak' MUST be specified. **Note:** The SNOMED-CT code 416534008 (Outbreak) has been defined for reportable laboratory findings in Switzerland.	IHE PalM TF3 Rev.8, 6.3.4.10
└ @code	cs	**1 … 1**	R	The code MUST be specified.	
└ @codeSystem	oid	**1 … 1**	R	The OID of the code system MUST be specified.	
└ @codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
└ hl7:statusCode	**CS**	**1 … 1**	**M**	The status 'completed' means the patient has been associated with the given outbreak.	IHE PalM TF3 Rev.8, 6.3.4.10
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
└ hl7:value	**CE**	**1 … 1**	**R**	A code that defines the 'outbreak' condition MUST be specified. If no code is known, nullFlavor='NA' MUST be used. **Note:** For reportable laboratory findings in Switzerland, nullFlavor = 'NA' MUST MUST be used.	IHE PalM TF3 Rev.8, 6.3.4.10
└ @nullFlavor	cs	**0 … 1**	F	NA	

			If no code is known, nullFlavor='NA' MUST be used.
@code	cs	**0 … 1**	The code MUST be specified.
@codeSystem	oid	**0 … 1**	The OID of the code system MUST be specified.
@codeSystemName	st	**0 … 1**	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.
@displayName	st	**0 … 1**	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.

Schematron assert		
	role	error
	test	(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='NA')
	Message	Either a code with its code system or nullFlavor='NA' is required.

1.1.4.24 Pregnancy Observation Delivery Date

Id	2.16.756.5.30.1.1.10.4.102	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	chpcc_entry_PregnancyObservationDeliveryDate	**Display Name**	Pregnancy Observation Delivery Date
Description	This element contains structured information about the delivery date of a pregnancy.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.102		
Label	CH-PCC		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 1 template, Uses 2 templates		

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	2018-04-19
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.4.92 (DYNAMIC)
Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 (DYNAMIC)
Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

Example

Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.102"/>
  <templateId root="2.16.756.5.30.1.1.10.4.92"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.5"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
  <id root="1.2.3.999" extension="extension"/>
  <code code="11778-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="DELIVERY DATE (CLINICAL ESTIMATE)"/>
  <text>
    <reference value="#hop1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime nullFlavor="UNK"/>
  <value xsi:type="TS" value="20150411"/>
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation				This element contains structured information about the delivery date of a pregnancy.	CH-PCC

@classCode	cs	1 … 1	F	OBS	
@moodCode	cs	1 … 1	F	EVN	
hl7:templateId	II	1 … 1	M		CH-PCC
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.102	
hl7:templateId	II	1 … 1	M		CH-PCC
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.92	
hl7:templateId	II	1 … 1			CH-PCC
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.5	
hl7:templateId	II	1 … 1	M		CH-PCC
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	

└ hl7:id	**II**	**1 … 1**	**M**	Each observation SHALL have an identifier.	CH-PCC
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**1 … 1**	R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CD**	**1 … 1**	**M**		CH-PCC
└ @code	cs	**1 … 1**	F	11778-8	
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	**1 … 1**	F	LOINC	
└ @displayName	st	**1 … 1**	F	DELIVERY DATE (CLINICAL ESTIMATE)	
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2

hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'completed' for all observations.	CH-PCC
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**TS.CH.TZ**	**1 … 1**	**R**	Date or timestamp of the finding (physiologically relevant time of this observation).	CH-PCC

hl7:value	**TS**	**1 … 1**	**R**	The delivery date (clinical estimate)	CH-PCC
hl7:author		**0 … ***		This MAY be used to indicate who has documented the observation. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (DYNAMIC)	CH-PCC
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					

1.1.4.25 Previous Observation

Id	2.16.756.5.30.1.1.10.4.22	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_PreviousObservation	**Display Name**	Previous Observation

Description

A laboratory result can be supplemented with any number of previous results, if this information is important. Previous laboratory results MUST be associated to the same patient, the same test, the same procedure, and the same test kit, otherwise they are NOT ALLOWED, here.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.22
Label	IHE PalM TF3 Rev.8, 6.3.4.13
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

Example

Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.22"/>
  <code displayName="Erythrocytes [#/volume] in Blood by Automated count" codeSystemName="LOINC" codeSys-
tem="2.16.840.1.113883.6.1" code="789-8"/>
  <statusCode code="completed"/>
  <effectiveTime>
    <low value="20180320170248+0100"/>
  </effectiveTime>
  <value/>
</observation>
```

Item	DT	Card	Conf	Description	Label

hl7:observation					IHE PalM TF3 Rev.8, 6.3.4.13
@classCode	cs	**1 … 1**	F	OBS	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.13
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.22	
hl7:code	**CD**	**1 … 1**	**R**	MUST contain the same code as the current laboratory result.	IHE PalM TF3 Rev.8, 6.3.4.13
@code	cs	**1 … 1**	R	MUST contain the same content as the for current laboratory result.	
@codeSystem	oid	**1 … 1**	R	MUST contain the same content as the for current laboratory result.	
@codeSystemName	st	**1 … 1**	R	MUST contain the same content as the for current laboratory result.	
@displayName	st	**1 … 1**	R	MUST contain the same content as the for current laboratory result.	
hl7:statusCode	**CS**	**1 … 1**	**R**	MUST be set to 'completed'.	IHE PalM TF3 Rev.8, 6.3.4.13

	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the findings (physiologically relevant time) of this previous result. Accuracy of the value: Date and time with hour and minute.	IHE PalM TF3 Rev.8, 6.3.4.13
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
hl7:value	**ANY**	**1 … 1**	**R**	The previous result obtained for this test.	IHE PalM TF3 Rev.8, 6.3.4.13
	Schematron assert	role	error		
		test	(hl7:code/@code=parent::hl7:entryRelationship/parent::hl7:observation/hl7:code/@code) and (hl7:code/@codeSystem=parent::hl7:entryRelationship/parent::hl7:observation/hl7:code/@codeSystem)		
		Message	The previous result MUST contain the same code as the current laboratory result.		

1.1.4.26 Problem Concern Entry

Id	2.16.756.5.30.1.1.10.4.90	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_ProblemConcern	**Display Name**	Problem Concern Entry

Description

This element describes a problem concern of the patient and indicates the period of time where this concern is active. It contains a set of references to problems related to this concern. In the context of immunization a Problem Concern Entry SHALL be indicated for medical-risks and exposure-risks separately.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.90
Label	IHE PCC TF2 Rev.11, 6.3.4.12
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 2 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.25	Containment	Active Problems Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.50	Containment	History Of Past Illness Section - coded (2016)	2016-11-11

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.97	Containment	Problem Entry (2016)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 (DYNAMIC)
Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5.1 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.20.1.27 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.301 (2005-09-07)

Example

Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.90"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.2"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.1"/>
  <templateId root="2.16.840.1.113883.10.20.1.27"/>
  <code nullFlavor="NA"/>
  <text>Komplikationsrisiken</text>
  <statusCode code="active"/>
  <effectiveTime>
    <low value="20140112"/>
```

```
    <high nullFlavor="UNK"/>
  </effectiveTime>
  <entryRelationship typeCode="SUBJ" inversionInd="false">
    <!-- template 2.16.756.5.30.1.1.10.4.97 'Problem Entry' -->
  </entryRelationship>
</act>
```

Item	DT	Card	Conf	Description	Label
hl7:act				This element describes a problem concern of the patient and indicates the period of time where this concern is active. It contains a set of references to problems related to this concern. In the context of immunization a Problem Concern Entry SHALL be indicated for medical-risks and exposure-risks separately.	IHE PCC TF2 Rev.11, 6.3.4.12
└ @classCode	cs	1 … 1	F	ACT	
└ @moodCode	cs	1 … 1	F	EVN	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.12
└ @root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.90	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.12
└ @root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.2	

hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.12
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.5.1	
hl7:templateId	II	1 … 1	M		IHE PCC TF2 Rev.11, 6.3.4.12
@root	uid	1 … 1	F	2.16.840.1.113883.10.20.1.27	
hl7:id	II	0 … 1	R	An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.12
@root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	CE	1 … 1	R		IHE PCC TF2 Rev.11, 6.3.4.12
@nullFlavor	cs	1 … 1	F	NA	
@code	cs	0	NP	NP/not present	
@codeSystem	oid	0	NP	NP/not present	

└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:text	**SD.TEXT**	**1 … 1**	**M**	Description of the concern (free text). Examples: 'Hypertension', 'Medical-Risks', 'Exposure-Risks'	IHE PCC TF2 Rev.11, 6.3.4.12
└ hl7:statusCode	**CS**	**1 … 1**		▪ active: A concern that is still being tracked. ▪ suspended: A concern that is active, but which may be set aside. ▪ aborted: A concern that is no longer actively being tracked, but for reasons other than because the problem was resolved. ▪ completed: The problem, allergy or medical state has been resolved and the concern no longer needs to be tracked except for historical purposes.	IHE PCC TF2 Rev.11, 6.3.4.12
	CONF	@code shall be "active" or @code shall be "suspended" or @code shall be "aborted" or @code shall be "completed"			
└ hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Indicates the period while the concern was active.	IHE PCC TF2 Rev.11, 6.3.4.12
└ hl7:low	**TS.CH.TZ**	**1 … 1**	**M**	Point of time of the first occurance of the concern.	IHE PCC TF2 Rev.11, 6.3.4.12

hl7:high	TS.CH.TZ	0 … 1	C	Point of time when the concern status is set to 'aborted' or 'completed'. For all other cases the value remains empty.	IHE PCC TF2 Rev.11, 6.3.4.12
hl7:entryRelationship		1 … *	R	Contains 2.16.756.5.30.1.1.10.4.97 *Problem Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.12
where *[@typeCode='SUBJ']*					
@typeCode	cs	1 … 1	F	SUBJ	
@inversionInd	bl	1 … 1	F	false	

1.1.4.27 Problem Entry

Id	2.16.756.5.30.1.1.10.4.97	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_Problem	**Display Name**	Problem Entry
Description	Problem as structured entry (e.g. syptom, complaint, diagnosis etc.)		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.97		
Label	IHE PCC TF2 Rev.11, 6.3.4.14		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 6 templates, Uses 3 templates		

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.90	Containment	Problem Concern Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.25		Active Problems Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.50		History Of Past Illness Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.98	Containment	Allergy Or Intolerance Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.91		Allergies and Intolerances Concern Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.51		Allergies and other Adverse Reactions Section - coded (2016)	2016-11-11

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

Example

Komplikationsrisiko eVACDOC

```
<observation classCode="OBS" moodCode="EVN" negationInd="false">
  <templateId root="2.16.756.5.30.1.1.10.4.97"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
  <templateId root="2.16.840.1.113883.10.20.1.28"/>
  <code code="55607006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Problem">
    <originalText>
      <reference value="#pe-11"/>
    </originalText>
  </code>
  <text>
    <reference value="#pe-12"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime>
    <low value="20140112"/>
  </effectiveTime>
  <value xsi:type="CD" code="114004" codeSystem="2.16.756.5.30.1.127.3.3.1" codeSystemName="Swiss Vaccination Plan Complication Risks"
displayName="Schweres Asthma: bei verlängerter oder häufiger Behandlung mit oralen Steroiden"/>
```

```
</observation>
```

Example

Durchgemachte Krankheit

```
<observation classCode="OBS" moodCode="EVN" negationInd="false">
  <templateId root="2.16.756.5.30.1.1.10.4.97"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
  <templateId root="2.16.840.1.113883.10.20.1.28"/>
  <id root="2.999" extension="9759b180"/>
  <code code="55607006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Problem">
    <originalText>
      <reference value="#hipi11"/>
    </originalText>
  </code>
  <text>
    <reference value="#hipi12"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime>
    <low value="20121214"/>
    <high value="20121221"/>
  </effectiveTime>
  <value xsi:type="CD" code="38907003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Chicken pox"/>
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation				Problem as structured entry (e.g. syptom, complaint, diagnosis etc.)	IHE PCC TF2 Rev.11, 6.3.4.14
└ @classCode	CS	1 … 1	F	OBS	
└ @moodCode	CS	1 … 1	F	EVN	

└ @negationInd	bl	**1 … 1**	R	This value remains usually 'false'. If there is an observation that the problem has not occured, this value can be set 'true'. This is a small but important difference to the situation where the problem has not been observed (and therefore no problem has been recorded).	
└ hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.14
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.97	
└ hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.14
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.5	
└ hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.14
└ @root	uid	**1 … 1**	F	2.16.840.1.113883.10.20.1.28	
└ hl7:id	**II**	**0 … 1**	**R**	An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.14
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code	**CD**	**1 … 1**	**M**	The problem type code.	IHE PCC TF2 Rev.11, 6.3.4.14
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 … 1**	F	SNOMED CT	
@displayName	st	**1 … 1**	R		
	Constraint	For eVACDOC complication or exposure risks, the code 55607006 (problem) MUST be used.			
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20.14 *ProblemType-Code* (DYNAMIC)			
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		

		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'completed' for all problems.	IHE PCC TF2 Rev.11, 6.3.4.14
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Indicates the time interval over which the problem is known to be true.	IHE PCC TF2 Rev.11, 6.3.4.14
hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Point of time of the first occurance of the problem.	IHE PCC TF2 Rev.11, 6.3.4.14
hl7:high	**TS.CH.TZ**	**0 … 1**	**C**	Point of time when the problem was solved. For all other cases this value remains empty.	IHE PCC TF2 Rev.11, 6.3.4.14

└ hl7:value	**CD**	**0 … ***		This value can be either a coded value or uncoded text. The type is always xsi:type='CD'. For coded values the attributes code, codeSystem, codeSystemName and displayName MUST be present. For uncoded values, the nullFlavor='NAV' attribute and the originalText element MUST be present. The following value sets are allowed: ▪ CHOP: 2.16.756.5.30.1.126.3.1 ▪ ICD-10: 2.16.756.5.30.1.126.3.2 ▪ ICPC-2: 2.16.840.1.113883.6.139 ▪ VVK-EDI: 2.16.756.5.30.1.127.3.1.20080401.1 ▪ SNOMED CT: 2.16.840.1.113883.6.96 ▪ Swiss Vaccination Plan Complication Risks: 2.16.756.5.30.1.127.3.3.1 ▪ Swiss Vaccination Plan Exposure Risks: 2.16.756.5.30.1.127.3.3.2 The SNOMED CT code 160245001, 'No current problems or disability (situation)' MAY be used to indicate that the patient doesn't currently suffer on any problem. For special cases a code from the value set 'Special Case Problems' SHALL be used.	IHE PCC TF2 Rev.11, 6.3.4.14
└ @nullFlavor	st	**0 … 1**	F	NAV	
└ @code	cs	**0 … 1**			
└ @codeSystem	oid	**0 … 1**			
└ @codeSystemName	st	**0 … 1**			
└ @displayName	st	**0 … 1**			
	CONF	@codeSystem shall be "2.16.756.5.30.1.126.3.1" or @codeSystem shall be "2.16.756.5.30.1.126.3.2"			

				or @codeSystem shall be "2.16.840.1.113883.6.139" or @codeSystem shall be "2.16.756.5.30.1.127.3.1.20080401.1" or @codeSystem shall be "2.16.840.1.113883.6.96" or The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.72 *Swiss Vaccination Plan Complication Risks* (DYNAMIC) or The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.73 *Swiss Vaccination Plan Exposure Risks* (DYNAMIC) or The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.74 *Special Case Problems* (DYNAMIC) or The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.75 *Illnesses undergone for immunization* (DYNAMIC)
	Schematron assert	role	error	
		test	(@code and @codeSystem) or (@nullFlavor='NAV')	
		Message	Either a code with its code system or nullFlavor='NAV' is required.	
	Schematron assert	role	error	
		test	not(@nullFlavor) or (hl7:originalText)	
		Message	Other problems description MUST be declared in the originalText element in case of nullFlavor.	
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.

hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:author		**0 … ***		This MAY be used to indicate who has documented the observation. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.14
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					

1.1.4.28 Problem Status Observation

Id	2.16.756.5.30.1.1.10.4.100	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_ProblemStatusObservation	**Display Name**	Problem Status Observation
Description	Any problem or allergy observation may reference a problem status observation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.100		
Label	IHE PCC TF2 Rev.11, 6.3.4.4		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 3 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.98	Containment	Allergy Or Intolerance Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.91		Allergies and Intolerances Concern Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.51		Allergies and other Adverse Reactions Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.1.1 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.20.1.57 (DYNAMIC)
Specialization: template 2.16.840.1.113883.10.20.1.50 (DYNAMIC)

Example

Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.100"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.1.1"/>
  <templateId root="2.16.840.1.113883.10.20.1.57"/>
```

```
  <templateId root="2.16.840.1.113883.10.20.1.50"/>
  <code code="33999-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Status"/>
  <text>
    <reference value="#cstatus-2"/>
  </text>
  <statusCode code="completed"/>
  <value xsi:type="CE" code="55561003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Active"/>
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation				Any problem or allergy observation may reference a problem status observation.	IHE PCC TF2 Rev.11, 6.3.4.4
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.4
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.100	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.4
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.1.1	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.4

└ @root	uid	1 … 1	F	2.16.840.1.113883.10.20.1.57	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.4
└ @root	uid	1 … 1	F	2.16.840.1.113883.10.20.1.50	
└ hl7:code	**CD**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.4
└ @code	cs	1 … 1	F	33999-4	
└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 … 1	F	LOINC	
└ @displayName	st	1 … 1	F	Status	
Included		1 … 1		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2

@value		1 … 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'completed' for all problem status observations.	IHE PCC TF2 Rev.11, 6.3.4.4
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:value	**CE**	**1 … 1**	**M**	The <value> element contains the clinical status. It is always represented using the CE datatype (xsi:type='CE'). It shall contain a code from the following set of values from SNOMED CT.</value>	IHE PCC TF2 Rev.11, 6.3.4.4
@code	cs	1 … 1	R		
@codeSystem	oid	1 … 1	F	2.16.840.1.113883.6.96	
@codeSystemName	st	1 … 1	F	SNOMED CT	
@displayName	st	1 … 1	R		

	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.5.3.1.11.2 *ProblemStatusObservation_value* (2016-09-26 13:58:58)			
hl7:author		**0 … ***		This MAY be used to indicate who has documented the observation. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.4
where *[hl7:functionCode [concat(@code, @codeSystem) = doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code, @codeSystem) or @nullFlavor]]*					

1.1.4.29 Recommendation Category - Criterion

Id	2.16.756.5.30.1.1.10.4.96	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	chpcc_entry_RecommendationCategory	**Display Name**	Recommendation Category - Criterion
Description	Recommendation category according to the Swiss vaccination plan.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.96		
Label	CDA-CH-VACD		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.89	Containment	Immunization Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.47		Immunizations Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.93	Containment	Immunization Recommendation Entry (2016)	2016-11-11

2.16.756.5.30.1.1.10.3.48		Immunization Recommendations Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.329 (2005-09-07)

Example

Example

```
<criterion>
  <templateId root="2.16.756.5.30.1.1.10.4.96"/>
  <code code="41501" codeSystem="2.16.756.5.30.1.127.3.3.4" codeSystemName="Swiss Vaccination Plan Recommendation Category" dis-
playName="Empfohlene Basisimpfungen"/>
  <text>
    <reference value="#nartext1"/>
  </text>
</criterion>
```

Item	DT	Card	Conf	Description	Label
hl7:criterion		**1 … 1**	**R**	Recommendation category according to the Swiss vaccination plan.	CDA-...VACD
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.96	

└ hl7:code	**CE**	**1 … 1**	**R**		CDA-...VACD
└ @nullFlavor	st	**0 … 1**	F	NAV	
└ @code	cs	**0 … 1**			
└ @codeSystem	oid	**0 … 1**	F	2.16.756.5.30.1.127.3.3.4	
└ @codeSystemName	st	**0 … 1**	F	Swiss Vaccination Plan Recommendation Category	
└ @displayName	st	**0 … 1**			
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.70 *Swiss Vaccination Plan Recommendation Category* (DYNAMIC)			
	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2

@value	1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.
Schematron assert	role	error	
	test	starts-with(@value,'#')	
	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.	
Variable let	Name	idvalue	
	Value	substring-after(@value,'#')	
Schematron assert	role	error	
	test	ancestor::hl7:structuredBody//*[@ID=$idvalue]	
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').	

1.1.4.30 Responsible Party - participant Containment

Id	2.16.756.5.30.1.1.10.4.9	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_ParticipantBodyResponsibleParty	**Display Name**	Responsible Party - participant Containment

Description

External laboratory that has delivered the results. The following applies:

- The external laboratory MUST be declared, including its responsible person.
- All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.

Context	Pathname
Label	IHE PalM TF3 Rev.8

Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.20	Containment	PlayingEntity Compilation with name (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07)

Example

Example

```
<participant typeCode="RESP">
  <participantRole>
    <addr>
      <!-- template 2.16.756.5.30.1.1.10.9.35 'Address Information Compilation - eCH-0010' -->
    </addr>
    <telecom value="tel:+41.33.123.45.67"/>
    <playingEntity>
      <!-- template 2.16.756.5.30.1.1.10.9.20 'PlayingEntity Compilation with name' -->
    </playingEntity>
  </participantRole>
</participant>
```

Item	DT	Card	Conf	Description	Label
@typeCode	CS	1 … 1	F	RESP	
hl7:participantRole		1 … 1	R		IHE PaIM TF3 Rev.8
└ hl7:addr	AD	1 … *	R	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	IHE PaIM TF3 Rev.8
└ hl7:telecom	TEL	1 … *	R	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	IHE PaIM TF3 Rev.8
└ hl7:playingEntity		1 … 1	R	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.20 *PlayingEntity Compilation with name* (DYNAMIC)	IHE PaIM TF3 Rev.8

1.1.4.31 Severity Entry

Id	2.16.756.5.30.1.1.10.4.99	**Effective Date**	2016-11-11
Status	Under pre-publication review	**Version Label**	2016
Name	chpcc_entry_Severity	**Display Name**	Severity Entry
Description	Declaration of the severity of a problem or an allergy/intolerance		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.99		
Label	IHE PCC TF2 Rev.11, 6.3.4.3		

Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 3 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.98	Containment	Allergy Or Intolerance Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.91		Allergies and Intolerances Concern Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.51		Allergies and other Adverse Reactions Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC

Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.1 (DYNAMIC) Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

Example

Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.99"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.1"/>
  <templateId root="2.16.840.1.113883.10.20.1.55"/>
  <id root="2.999" extension="your id"/>
  <code code="SEV" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode" displayName="Severity"/>
  <text>
    <reference value="#sev-1"/>
  </text>
  <statusCode code="completed"/>
  <value code="H" codeSystem="2.16.840.1.113883.5.1063" codeSystemName="SeverityObservation" displayName="High"/>
</observation>
```

Item	DT	Card	Conf	Description	Label

hl7:observation				Declaration of the severity of a problem or an allergy/intolerance	IHE PCC TF2 Rev.11, 6.3.4.3
@classCode	cs	**1 … 1**	F	OBS	
@moodCode	cs	**1 … 1**	F	EVN	
hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.3
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.99	
hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.3
@root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.1	
hl7:templateId	**II**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.3
@root	uid	**1 … 1**	F	2.16.840.1.113883.10.20.1.55	
hl7:id	**II**	**0 … 1**	**R**	An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.3

└ @root	uid	1 … 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CD**	**1 … 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.3
└ @code	cs	1 … 1	F	SEV	
└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.5.4	
└ @codeSystemName	st	1 … 1	F	ActCode	
└ @displayName	st	1 … 1	F	Severity	
Included		1 … 1		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		1 … 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		

		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'completed' for all severity entries.	IHE PCC TF2 Rev.11, 6.3.4.3
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:value	**CD**	**1 … 1**			IHE PCC TF2 Rev.11, 6.3.4.3
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.1063	
@codeSystemName	st	**1 … 1**	F	SeverityObservation	
@displayName	st	**1 … 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16643 *SeverityObservation* (DYNAMIC)			

1.1.4.32 Specimen Collection

Id	2.16.756.5.30.1.1.10.4.11	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_SpecimenCollection	**Display Name**	Specimen Collection
Description	Laboratory reports MAY contain information on the specimen. If there are more than one specimen associated to the order, then this item occurs multiple times.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.11		
Label	IHE PaIM TF3 Rev.8, 6.3.4.5		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 7 templates, Uses 5 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.24	Containment	Specimen collection - participant Containment (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.12	Containment	Specimen Received (2017)	DYNAMIC

	2.16.756.5.30.1.1.10.4.3 Containment Laboratory Observation (2017) DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.306 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.2 (DYNAMIC)

Example	Example
	`<procedure classCode="PROC" moodCode="EVN">`
	`  <templateId root="2.16.756.5.30.1.1.10.4.11"/>`
	`  <templateId root="1.3.6.1.4.1.19376.1.3.1.2"/>`
	`  <id root="2.999" extension="your id"/>`
	`  <code code="33882-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Collection date of Unspecified specimen"/>`
	`  <!-- include template 2.16.756.5.30.1.1.10.9.14 'Narrative text reference' -->`
	`  <effectiveTime nullFlavor="UNK">`
	`  <low value="20180320171934+0100"/>`
	`  </effectiveTime>`
	`  <targetSiteCode displayName="displayName" codeSystemName="ActSite" codeSystem="2.16.840.1.113883.5.1052" code="cs"/>`
	`  <performer>`
	`  <!-- template 2.16.756.5.30.1.1.10.4.7 'Laboratory Performer - performer Containment' -->`
	`  </performer>`
	`  <participant>`
	`  <!-- template 2.16.756.5.30.1.1.10.4.24 'Specimen collection - participant Containment' -->`
	`  </participant>`
	`  <entryRelationship typeCode="COMP">`
	`  <!-- template 2.16.756.5.30.1.1.10.4.12 'Specimen Received' -->`
	`  </entryRelationship>`
	`  <entryRelationship typeCode="COMP">`
	`  <!-- template 2.16.756.5.30.1.1.10.4.3 'Laboratory Observation' -->`
	`  </entryRelationship>`
	`</procedure>`

Item	DT	Card	Conf	Description	Label
`hl7:procedure`					IHE PalM TF3 Rev.8, 6.3.4.5

└ @classCode	cs	**1 … 1**	F	PROC	
└ @moodCode	cs	**1 … 1**	F	EVN	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.5
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.3.1.2	
└ hl7:templateId	**II**	**1 … 1**	**M**		IHE PalM TF3 Rev.8, 6.3.4.5
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.11	
└ hl7:id	**II**	**0 … 1**		An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.8, 6.3.4.5
└ @root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	**CD**	**1 … 1**	**M**	LOINC specimen collection code.	IHE PalM TF3 Rev.8, 6.3.4.5
└ @code	cs	**1 … 1**	F	33882-2	

└ @codeSystem	oid	1 … 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 … 1	F	LOINC	
└ @displayName	st	1 … 1	F	Collection date of Unspecified specimen	
Included		1 … 1		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		1 … 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	

Schematron assert	role	error
	test	starts-with(@value,'#')
	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.
Variable let	Name	idvalue
	Value	substring-after(@value,'#')
Schematron assert	role	error
	test	ancestor::hl7:structuredBody//*[@ID=$idvalue]
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').

hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**		Timestamp (e.g., for simple blood sampling) or period (e.g., 24 hour urine test) of the specimen collection or specimen creation. ▪ Timestamp: Is declared using @value. Minimum accuracy of the value: Date (the time of the day is OPTIONAL). ▪ Period: Is declared using low/@value and high/@value. Accuracy of the value: Date and time with hour and minute.	IHE PalM TF3 Rev.8, 6.3.4.5
@nullFlavor	cs	**0 … 1**	F	UNK If the moment in time of the sampling is not known, nullFlavor='UNK' MUST be used.	
	Schematron assert	role	error		
		test	(@nullFlavor='UNK') or (string-length(@value)>7) or ((hl7:low/@nullFlavor='UNK' or string-length(hl7:low/@value)>7) and (hl7:high/@nullFlavor='UNK' or string-length(hl7:high/@value)>7))		
		Message	A precision of day is required.		
hl7:targetSiteCode	**CD**	**0 … 1**		This CAN be used to indicate the anatomical position of the specimen collection. This is particularly relevant in microbiology (e.g., when the sample was removed with a swab from the left foot). The HL7 vocabulary ActSite contains anatomical locations of organisms that may be at the center of the action.	IHE PalM TF3 Rev.8, 6.3.4.5
@code	cs	**1 … 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.5.1052	
@codeSystemName	st	**1 … 1**	F	ActSite	
@displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:performer		**0 … 1**		This can be used to specify who performed the specimen collection. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.5
where *[hl7:assignedEntity]*					

hl7:participant		1 … 1	M	The information on the specimen MUST be declared. Contains 2.16.756.5.30.1.1.10.4.24 *Specimen collection - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.5
where *[not(@nullFlavor)] [hl7:participantRole]*					
hl7:entryRelationship		0 … 1		This MAY be used to indicate when the sample has arrived at the laboratory. Contains 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.5
where *[hl7:act]*					
@typeCode	cs	1 … 1	F	COMP	
hl7:entryRelationship		0 … *		This MAY be used to indicate observations of the specimen collection. This allows to provide information to the laboratory, that are important e.g. for a 24-hour urine test: ▪ Collection period for 24 hour urine test: @code='13362-9' (Collection duration of Urine), @value='24', @unit='h' ▪ Collected volume (urine quantity): @code='19153-6' (Volume in Urine collected for unspecified duration), @value: urine quantity, @unit: UCUM unit of urine quantity (e.g. ml, dl or l) Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.5
where *[hl7:observation]*					
@typeCode	cs	1 … 1	F	COMP	

1.1.4.33 Specimen collection - participant Containment

Id	2.16.756.5.30.1.1.10.4.24	**Effective Date**	2017-06-21

Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_ParticipantBodySpecimenCollection	**Display Name**	Specimen collection - participant Containment
Description	Specimen Information.		
Context	Pathname		
Label	IHE PalM TF3 Rev.8, 6.3.4.5		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 7 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.4.27	Containment	Specimen Type (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07)

Example

Example

```
<placeholder typeCode="PRD">
  <participantRole classCode="SPEC">
    <id root="2.999" extension="your id"/>
```

```
    <playingEntity>
      <!-- template 2.16.756.5.30.1.1.10.4.27 'Specimen Type' -->
    </playingEntity>
  </participantRole>
</placeholder>
```

Item	DT	Card	Conf	Description	Label
@typeCode	cs	1 … 1	F	PRD	
hl7:participantRole		1 … 1	R		IHE PalM TF3 Rev.8, 6.3.4.5
└ @classCode	cs	1 … 1	F	SPEC	
└ hl7:id	II	1 … 1	R	The specimen identification MUST be declared. If no specimen identification is available, nullFlavor='NA' MUST be used. In this case @root and @extension are NOT ALLOWED.	IHE PalM TF3 Rev.8, 6.3.4.5
└ @nullFlavor	cs	0 … 1	F	NA If no specimen identification is available, nullFlavor='NA' MUST be used.	
└ @root	uid	0 … 1		MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
	Schematron assert	role		error	
		test		(@extension and @root) or (@nullFlavor='NA')	
		Message		Either an id with its root and extension or nullFlavor='NA' is required.	

hl7:playingEntity		1 … 1	R	Contains 2.16.756.5.30.1.1.10.4.27 *Specimen Type* (DYNAMIC)	IHE PalM TF3 Rev.8, 6.3.4.5

1.1.4.34 Specimen Received

Id	2.16.756.5.30.1.1.10.4.12	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_SpecimenReceived	**Display Name**	Specimen Received
Description	A laboratory report MAY contain information on the reception of the specimen at the laboratory.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.12		
Label	IHE PalM TF3 Rev.8, 6.3.4.6		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 7 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21

2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.301 (2005-09-07)
Specialization: template 1.3.6.1.4.1.19376.1.3.1.3 (DYNAMIC)

Example

Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.12"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.3"/>
  <id root="2.999" extension="your id"/>
  <code code="SPRECEIVE" codeSystem="1.3.5.1.4.1.19376.1.5.3.2" codeSystemName="IHEActCode" displayName="Receive Time"/>
  <!-- include template 2.16.756.5.30.1.1.10.9.14 'Narrative text reference' -->
  <effectiveTime value="20180320172947+0100"/>
</act>
```

Item	DT	Card	Conf	Description	Label
hl7:act					IHE PalM TF3 Rev.8, 6.3.4.6
└ @classCode	CS	**1 … 1**	F	ACT	
└ @moodCode	CS	**1 … 1**	F	EVN	

hl7:templateId	II	1 … 1	M		IHE PalM TF3 Rev.8, 6.3.4.6
@root	uid	1 … 1	F	1.3.6.1.4.1.19376.1.3.1.3	
hl7:templateId	II	1 … 1	M		IHE PalM TF3 Rev.8, 6.3.4.6
@root	uid	1 … 1	F	2.16.756.5.30.1.1.10.4.12	
hl7:id	II	1 … 1	R	The delivered identification of specimen at the customer MUST be declared. If specimen identification is not available, nullFlavor='ASKU' MUST be used. In this case @root and @extension are NOT ALLOWED.	IHE PalM TF3 Rev.8, 6.3.4.6
@nullFlavor	cs	0 … 1	F	ASKU If specimen identification is not available, nullFlavor='ASKU' MUST be used.	
@root	uid	0 … 1		MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		MUST contain the specimen identification as issued by the customer. The number MUST be unique within the system that issued the number.	
Schematron assert	role	error			
	test	(@extension and @root) or (@nullFlavor='ASKU')			
	Message	Either an id with its root and extension or nullFlavor='ASKU' is required.			

hl7:code	**CD**	**1 … 1**	**R**		IHE PalM TF3 Rev.8, 6.3.4.6
@code	cs	**1 … 1**	F	SPRECEIVE	
@codeSystem	oid	**1 … 1**	F	1.3.5.1.4.1.19376.1.5.3.2	
@codeSystemName	st	**1 … 1**	F	IHEActCode	
@displayName	st	**1 … 1**	F	Receive Time	
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 … 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		

		Value	substring-after(@value,'#')			
	Schematron assert	role	error			
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]			
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the specimen reception at the laboratory. Minimum accuracy of the value: Date and time with hour and minute.		IHE PalM TF3 Rev.8, 6.3.4.6
	Schematron assert	role	error			
		test	string-length(@value)>11			
		Message	A precision of date and time of day with at least hour and minute is required.			

1.1.4.35 Specimen Type

Id	2.16.756.5.30.1.1.10.4.27	**Effective Date**	2017-06-21
Status	Under pre-publication review	**Version Label**	2017
Name	chpalm_entry_SpecimenType	**Display Name**	Specimen Type
Description	Specimen Type.		
Context	Pathname		
Label	CH-PALM		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 8 templates, Uses 0 templates		

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.24	Containment	Specimen collection - participant Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21

Relationship	Specialization: template 2.16.840.1.113883.10.12.313 (2005-09-07)

Example

Example

```
<code code="LOINC" codeSystem="2.16.756.5.30.2.1.1.10" codeSystemName="CDA-CH Material"/>
```

Item	DT	Card	Conf	Description	Label
Choice		**0 … ***		Elements to choose from: ▪ hl7:code ▪ hl7:code	
└ hl7:code	**CE**	**0 … 1**	**R**	IHE XD-LAB requires coding of the specimen. However, since the laboratory results have to be coded with LOINC, the specimen is already defined via the 'System' axis of LOINC. Therefore the following, fixed code CAN be used for laboratory reports in Switzerland.	CH-PALM

└ @code	cs	**1 … 1**	F	LOINC	
└ @codeSystem	oid	**1 … 1**	F	2.16.756.5.30.2.1.1.10	
└ @codeSystemName	st	**1 … 1**	F	CDA-CH Material	
└ @displayName	st	0	NP	NP/not present	
└ hl7:code	**CD**	**0 … 1**	**R**	IF the coding of the specimen with LOINC's 'System' axis is insufficient, a precise code CAN be used. The use of SNOMED-CT is recommended.	CH-PALM
└ @code	cs	**1 … 1**	R	The code MUST be specified.	
└ @codeSystem	oid	**1 … 1**	R	The OID of the code system MUST be specified.	
└ @codeSystemName	st	**1 … 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @displayName	st	**1 … 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
└ hl7:qualifier	**CR**	**0 … ***		A precision of the code CAN be specified using a qualifier. Not further specified.	CH-PALM
└ hl7:name	**CV**	**0 … ***			CH-PALM

hl7:value	CD	0 ... *			CH-PALM

1.1.4.36 Target Of The Immunization - Medication Target

Id	2.16.756.5.30.1.1.10.4.95	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	chpcc_entry_TargetOfTheImmunization	**Display Name**	Target Of The Immunization - Medication Target

Description

Target of the immunization. All immunizations targets (diseases) SHALL be recorded with an immunization entry. This element allows structured information for immunizations with combinded vaccines (e.g. Di-Te-Per vaccine contains three different vaccines. They will result in three different entries of this template).

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.95
Label	CDA-CH-VACD
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.89	Containment	Immunization Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.47		Immunizations Section - coded (2016)	2016-11-11

2.16.756.5.30.1.1.10.4.93	Containment	Immunization Recommendation Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.48		Immunization Recommendations Section - coded (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

Example

Example

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.95"/>
  <code code="76668005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Diphterie"/>
  <text>
    <reference value="#nartext1"/>
  </text>
  <statusCode code="completed"/>
</observation>
```

Item	DT	Card	Conf	Description	Label
hl7:observation				Target of the immunization. All immunizations targets (diseases) SHALL be recorded with an immunization entry. This element allows structured information for immunizations with combinded vaccines (e.g. Di-Te-Per vaccine contains three different vaccines. They will result in three different entries of this template).	CDA-...VACD
└ @classCode	CS	**1 ... 1**	F	OBS	
└ @moodCode	CS	**1 ... 1**	F	EVN	

hl7:templateId	**II**	**1 … 1**	**M**		CDA-...VACD
@root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.4.95	
hl7:id	**II**	**0 … 1**	**R**	An ID for this item MAY be filled for traceability.	CDA-...VACD
@root	uid	**1 … 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 … 1**	**R**	Immunization according to the swiss vaccination plan.	CDA-...VACD
@nullFlavor	st	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**0 … 1**	F	SNOMED CT	
@displayName	st	**0 … 1**			
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.71 *Swiss Vaccination Plan Immunizations* (DYNAMIC)	
	Schematron assert	role	error		

		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
Included		**1 … 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ `hl7:text`	**ED**	**1 … 1**	**M**		CDA-CH V2
└ `hl7:reference`	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ `@value`		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
└ `hl7:statusCode`	**CS**	**1 … 1**	**M**	The statusCode shall be set to 'completed' for all targets of immunizations.	CDA-...VACD

CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)

1.1.5 Other CDA Templates

1.1.5.1 Address Information Compilation - eCH-0010

Id	2.16.756.5.30.1.1.10.9.35	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_AddressInformationCompilation-eCH-0010	**Display Name**	Address Information Compilation - eCH-0010

Description

Address information according to the eCH-0010 V7.0 addressInformation data type. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.
See https://www.ech.ch/vechweb/page?p=dossier&documentNumber=eCH-0010&documentVersion=7.0 for more information.

Context	Pathname
Label	eCH-0010 V7.0 addressInformation
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 33 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Containment	Patient - recordTarget (2017)	2018-04-18

2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.3	Containment	Custodian (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.4	Containment	Recipient - informationRecipient (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.43	Containment	Patient Contact - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5		Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6		Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		Inability To Work Observation (2017)	2017-09-14 17:25:19
2.16.756.5.30.1.1.10.9.23	Containment	Author (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.14		Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48		Author Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.26	Containment	Organization Compilation with GLN, name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.15		Insurance - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.50		Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18

2.16.756.5.30.1.1.10.9.27	Containment	Organization Compilation with name, addr, telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.40		Employer - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.30	Containment	Organization Compilation with GLN and name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.51		Assigned Entity Compilation with GLN and name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31		Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.33	Containment	Organization Compilation with id, name, addr and telecom (2017)	2018-04-18

Example

Swiss postal address

```
<streetAddressLine>c/o Muster Hans</streetAddressLine>
<streetAddressLine>Chalet Edelweiss</streetAddressLine>
<streetName>Specimengasse</streetName>
<houseNumber>99</houseNumber>
<additionalLocator>3. OG Ost</additionalLocator>
<city>Musterhausen</city>
<postalCode>9999</postalCode>
<country>CH</country>
```

Example

Foreign postal address

```
<streetName>Wishard Blvd</streetName>
<houseNumber>1050</houseNumber>
<additionalLocator>RG 5th floor</additionalLocator>
<state>IN</state>
<city>Indianapolis</city>
<postalCode>46240</postalCode>
<country>US</country>
```

Item	DT	Card	Conf	Description	Label
hl7:streetAddressLine	**ADXP**	**0 … 1**		Free additional lines for additional address information which can not be used in the other address fields (e.g. for c/o entries, etc.), with a maximum length of 150 characters. addressLine1 should be used for personalized addressing (e.g., c/o-Address).	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.12		
		test	string-length(text()) < 151		
		Message	eCH-0010 restricts the content length to max. 150 characters		
hl7:streetAddressLine	**ADXP**	**0 … 1**		Free additional lines for additional address information which can not be used in the other address fields (e.g. for c/o entries, etc.), with a maximum length of 150 characters. addressLine2 should be used for non-personalized address details (e.g., additional location information, e.g. "Chalet Edelweiss").	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.12		
		test	string-length(text()) < 151		
		Message	eCH-0010 restricts the content length to max. 150 characters		
hl7:streetName	**ADXP**	**0 … 1**	**C**	Street names in postal addresses. It can also be the name of a locality, a hamlet, etc. With a maximum length of 150 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.13		
		test	string-length(text()) < 151		
		Message	eCH-0010 restricts the content length to max. 150 characters		

hl7:houseNumber	**ADXP**	**0 … 1**		House number in postal addresses (including house number additives). With a maximum length of 30 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.14		
		test	string-length(text()) < 31		
		Message	eCH-0010 restricts the content length to max. 30 characters		
hl7:additionalLocator	**ADXP**	**0 … 1**		Number of addressed apartment. This is occasionally necessary for larger buildings. With a maximum length of 30 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.15		
		test	string-length(text()) < 31		
		Message	eCH-0010 restricts the content length to max. 30 characters		
hl7:postBox	**ADXP**	**0 … 1**	**C**	Number of the addressed post box in a maximum length of 8 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.16		
		test	string-length(text()) < 9		
		Message	eCH-0010 restricts the content length to max. 8 characters		
hl7:state	**ADXP**	**0 … 1**		Occasionally, additional geographic information must be provided in foreign addresses, in addition to city and country. This element can be used for such cases. It contains superordinate or subordinate information on a city, such as region, province, state or local district. Since it is difficult - especially with foreign addresses - to determine	eCH-0010 V7.0 addressInformation

				whether an indication is subordinate or subordinate, a separate mapping of superordinate and subordinate indication is omitted.	
hl7:city	**ADXP**	**1 … 1**	**R**	Addressed city (in foreign addresses if necessary including province, etc.). When using the information according to the Swiss Post, the 27-digit city name must be used.	eCH-0010 V7.0 addressInformation
hl7:postalCode	**ADXP**	**1 … 1**	**R**	Postal code given by Swiss Post or postal code issued by a post office abroad, that can consist of numbers, letters or a combination of both, possibly even special characters.	eCH-0010 V7.0 addressInformation
hl7:country	**ADXP**	**1 … 1**	**R**	Two-digit, alphanumeric ISO country code according to [ISO 3166-1] of the country in which the address is located. The country defines the conventions for addressing. The country code MUST also be declared for Swiss postal addresses. Caution: Political changes or renaming of countries will result in adjustments to the ISO country list. The length of the feature is 2 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.24.2		
		test	string-length(text()) < 3		
		Message	eCH-0010 restricts the content length to max. 2 characters		
	Schematron assert	role	error		
		see	eCH-0007		
		test	not(hl7:state) or not(upper-case(hl7:country/text())='CH') or (upper-case(hl7:state/text())=('AG', 'AI', 'AR', 'BE', 'BL', 'BS', 'FL', 'FR', 'GE', 'GL', 'GR', 'JU', 'LU', 'NE', 'NW', 'OW', 'SG', 'SH', 'SO', 'SZ', 'TG', 'TI', 'UR', 'VD', 'VS', 'ZG', 'ZH'))		
		Message	eCH-0007 cantonFlAbbreviationType restricts valid state values for Switzerland		

1.1.5.2 Assigned Entity Compilation with id

Id	2.16.756.5.30.1.1.10.9.12	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_AssignedEntityCompilationId	**Display Name**	Assigned Entity Compilation with id

Description

Reusable template wherever an assigned entity with a required id is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 4 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.5	Containment	Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6	Containment	Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7	Containment	Data Enterer (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.153 (2005-09-07)

Example

Example

```
<id root="2.999" extension="p98457u-"/>
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<addr use="WP">
  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
```

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 … ***	**R**	The assigned entity's id (including the assigned person's id).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**0 … 1**		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">` `  <originalText>Laboratory technician</originalText>`

		<translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>			
	Schematron assert	role	error		
		test	not(@code='133932002') or (originalText/text())		
		Message	Other Caregivers description MUST be declared in the originalText element.		
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		

	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		
hl7:addr	**AD**	**0 … ***		The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:assignedPerson		**0 … 1**		The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		**0 … 1**		The assigned organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2

1.1.5.3 Assigned Entity Compilation with id, name, addr, telecom, person and organization

Id	2.16.756.5.30.1.1.10.9.32	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_AssignedEntityCompilationIdNameAddrTelecomPersonOrganization	**Display Name**	Assigned Entity Compilation with id, name, addr, telecom, person and organization

Description

Reusable template wherever an assigned entity with required id, name, addr, telecom, person and organization are used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 6 templates, Uses 4 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.31	Containment	Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.33	Containment	Organization Compilation with id, name, addr and telecom (2017)	DYNAMIC

Relationship Specialization: template 2.16.756.5.30.1.1.10.9.12 (2017-09-12 20:14:25)

Example

Example

```
<id root="2.999" extension="p98457u-"/>
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<addr use="WP">
  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
```

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 … ***	**R**	The assigned entity's id (including the assigned person's id).	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**0 … 1**		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">` `  <originalText>Laboratory technician</originalText>`

```
  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" dis-
playName="Medical and pathology laboratory technicians"/>
</functionCode>
```


	Schematron assert	role	error		
		test	not(@code='133932002') or (originalText/text())		
		Message	Other Caregivers description MUST be declared in the originalText element.		
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		

	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		
hl7:addr	**AD**	**1 … ***	**R**	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
hl7:telecom	**TEL**	**1 … ***	**R**	The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:assignedPerson		**1 … 1**	**R**	The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		**1 … 1**	**R**	The assigned organization. Contains 2.16.756.5.30.1.1.10.9.33 *Organization Compilation with id, name, addr and telecom* (DYNAMIC)	CDA-CH V2

1.1.5.4 Assigned Entity Compilation with name, addr and telecom

Id	2.16.756.5.30.1.1.10.9.17	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_AssignedEntityCompilationNameAddrTelecom	**Display Name**	Assigned Entity Compilation with name, addr and telecom

Description

Reusable template wherever an assigned entity with required name, addr and telecom is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 2 templates, Uses 4 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		Inability To Work Observation (2017)	2017-09-14 17:25:19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.27	Containment	Organization Compilation with name, addr, telecom (2017)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.12 (DYNAMIC)

Example

Example

```
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<addr use="WP">
  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
```

Item	DT	Card	Conf	Description	Label
hl7:code	**CE**	**0 … 1**		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this	CDA-CH V2

				case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R		
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)	
	Example			`<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`	

	Example			`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
				`  <originalText>Home helper</originalText>`
				`</functionCode>`	

	Example			`<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">`
				`  <originalText>Laboratory technician</originalText>`
				`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
				`</functionCode>`	

	Schematron assert	role		error	
		test		not(@code='133932002') or (originalText/text())	
		Message		Other Caregivers description MUST be declared in the originalText element.	
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2

hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system.	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		

└ @displayName	st	1 … 1	R		
hl7:addr	**AD**	**1 … ***	**R**	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
hl7:telecom	**TEL**	**1 … ***	**R**	The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:assignedPerson		**0 … 1**		The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		**0 … 1**		The assigned organization. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	CDA-CH V2

1.1.5.5 Author

Id	2.16.756.5.30.1.1.10.9.23	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_Author	**Display Name**	Author

Description

Information about the author of a CDA document, section or entry. An author MAY be a person or a device. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template at least in the CDA Header by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.9.23
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 4 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.21	Containment	Device Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.102 (2005-09-07)

Example

Sample author

```
<author>
  <templateId root="2.16.756.5.30.1.1.10.9.23"/>
  <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
  <time value="20170905"/>
```

```
  <assignedAuthor>
    <id root="2.51.1.3" extension="7608888888888"/>
    <assignedPerson>
      <name>
        <prefix>Dr. med.</prefix>
        <given>Allzeit</given>
        <family>Bereit</family>
      </name>
    </assignedPerson>
    <representedOrganization>
      <id root="2.51.1.3" extension="7609999999999"/>
      <name>Gruppenpraxis CH</name>
      <telecom value="tel:+41.32.234.55.66" use="WP"/>
      <telecom value="fax:+41.32.234.55.67" use="WP"/>
      <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
      <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
      <addr use="WP">
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedOrganization>
  </assignedAuthor>
</author>
```

Item	DT	Card	Conf	Description	Label
hl7:author		**1 … ***	**R**	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
└ hl7:templateId	**II**	**1 … 1**	**M**		CDA-CH V2
└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.23	

hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@nullFlavor	st	**0 … 1**	F	NAV	
@code	cs	**0 … 1**			
@codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**0 … 1**	F	SNOMED CT	
@displayName	st	**0 … 1**			

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	Patient `<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>`
Example	Nurse `<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	Home helper
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	Laboratory technician
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

	Schematron assert	role	error		
		test	(@code and @codeSystem) or (@nullFlavor='NAV')		
		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 … 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		

hl7:id	II	1 … 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
@nullFlavor	cs	0 … 1	F	NAV Temporarily unknown, will be filled later.	
@root	cs	0 … 1	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	0 … 1		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED		
hl7:id	II	0 … *		Other ids are allowed.	CDA-CH V2
@root	cs	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:addr	AD	0 … *		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

hl7:telecom	**TEL**	**0 … ***		The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		**1 … 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 … 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:assignedAuthoringDevice		**0 … 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		**0 … 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2

1.1.5.6 Author Compilation with name

Id	2.16.756.5.30.1.1.10.9.48	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_AuthorCompilationWithName	**Display Name**	Author Compilation with name
Description	Reusable template wherever an author with required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.		

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 0 templates, Uses 3 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.21	Containment	Device Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.318 (2005-09-07)

Example

Sample author

```
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<time value="20170905"/>
<assignedAuthor>
  <id root="2.51.1.3" extension="7608888888888"/>
  <assignedPerson>
    <name>
      <prefix>Dr. med.</prefix>
      <given>Allzeit</given>
      <family>Bereit</family>
    </name>
  </assignedPerson>
  <representedOrganization>
    <id root="2.51.1.3" extension="7609999999999"/>
    <name>Gruppenpraxis CH</name>
  </representedOrganization>
</assignedAuthor>
```

Item	DT	Card	Conf	Description	Label

hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @nullFlavor	st	**0 … 1**	F	NAV	
└ @code	cs	**0 … 1**			
└ @codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**0 … 1**	F	SNOMED CT	
└ @displayName	st	**0 … 1**			

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	Patient `<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>`
Example	Nurse `<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	Home helper
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	Laboratory technician
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

Schematron assert	role: error test: (@code and @codeSystem) or (@nullFlavor='NAV')

		Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role	error		
		test	not(@nullFlavor) or (hl7:originalText)		
		Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.		
hl7:translation		0 … *		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	cs	1 … 1	R		
@codeSystem	oid	1 … 1	R		
@codeSystemName	st	1 … 1	R		
@displayName	st	1 … 1	R		
hl7:time	**TS.CH.TZ**	1 … 1	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		1 … 1	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		

└ hl7:id	II	0 … *		The author's id.	CDA-CH V2
└ @root	cs	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
Choice		1 … 1		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
└ hl7:assignedPerson		0 … 1		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
└ hl7:assignedAuthoringDevice		0 … 1		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2
└ hl7:representedOrganization		0 … 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2

1.1.5.7 Author Compilation with name, addr and telecom

Id	2.16.756.5.30.1.1.10.9.16	**Effective Date**	2018-04-18

Status	Active	**Version Label**	2017
Name	cdach_other_AuthorCompilationWithNameAddrTelecom	**Display Name**	Author Compilation with name, addr and telecom

Description

Reusable template wherever an author with required name, addr and telecom is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 3 templates, Uses 4 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.21	Containment	Device Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.27	Containment	Organization Compilation with name, addr, telecom (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.318 (2005-09-07)

Example

Sample author

```
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<time value="20170905"/>
<assignedAuthor>
  <assignedPerson>
    <name>
      <prefix>Dr. med.</prefix>
      <given>Allzeit</given>
      <family>Bereit</family>
    </name>
  </assignedPerson>
  <representedOrganization>
    <name>Gruppenpraxis CH</name>
    <telecom value="tel:+41.32.234.55.66" use="WP"/>
    <telecom value="fax:+41.32.234.55.67" use="WP"/>
    <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
    <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
    <addr use="WP">
      <streetName>Doktorgasse</streetName>
      <houseNumber>2</houseNumber>
      <city>Musterhausen</city>
      <postalCode>8888</postalCode>
      <country>CH</country>
    </addr>
  </representedOrganization>
</assignedAuthor>
```

Item	DT	Card	Conf	Description	Label
`hl7:functionCode`	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ `@nullFlavor`	st	**0 … 1**	F	NAV	
└ `@code`	cs	**0 … 1**			

└ @codeSystem	oid	**0 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**0 … 1**	F	SNOMED CT	
└ @displayName	st	**0 … 1**			

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)
Example	Patient `<functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>`
Example	Nurse `<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>`

Example	Home helper
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Home helper</originalText>`
	`</functionCode>`

Example	Laboratory technician
	`<functionCode nullFlavor="NAV">`
	`  <originalText>Laboratory technician</originalText>`
	`  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>`
	`</functionCode>`

Schematron assert	role	error
	test	(@code and @codeSystem) or (@nullFlavor='NAV')
	Message	Either a code with its code system or nullFlavor='NAV' is required.

Schematron assert	role	error
	test	not(@nullFlavor) or (hl7:originalText)
	Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.

└ hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2

└ @code	cs	1 … 1	R		
└ @codeSystem	oid	1 … 1	R		
└ @codeSystemName	st	1 … 1	R		
└ @displayName	st	1 … 1	R		
hl7:time	**TS.CH.TZ**	**1 … 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 … 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
└ hl7:id	**II**	**0 … ***		The author's id.	CDA-CH V2
└ @root	cs	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	**AD**	**1 … ***	**R**	The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

hl7:telecom	**TEL**	**1 … ***	**R**	The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		**1 … 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 … 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:assignedAuthoringDevice		**0 … 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		**0 … 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	CDA-CH V2

1.1.5.8 Device Compilation with name

Id	2.16.756.5.30.1.1.10.9.21	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_DeviceCompilationWithName	**Display Name**	Device Compilation with name

Description

Reusable template wherever a device with required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.
A device is either a physical device (e.g. analyzer with which laboratory results are determined) or a software (e.g. laboratory information system, in which laboratory results are documented).

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 9 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.9.23	Containment	Author (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	2018-04-18

Relationship	Specialization: template 2.16.840.1.113883.10.12.315 (2005-09-07)
Example	Software

	<manufacturerModelName>4.0</manufacturerModelName> <softwareName>New generation KIS</softwareName>
Example	Physical device <manufacturerModelName>w872</manufacturerModelName> <softwareName>Pipette laboratory analyzer</softwareName>

Item	DT	Card	Conf	Description	Label
hl7:manufacturerModelName	SC	0 … 1		The model name of the device MAY be declared.	CDA-CH V2
hl7:softwareName	SC	1 … 1	R	The name of the device MUST be declared. **Note:** Altough this element is called softwareName, it contains also the name of physical devices (e.g. laboratory analyzer).	CDA-CH V2

1.1.5.9 Narrative Text Reference

Id	2.16.756.5.30.1.1.10.9.14	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_TextElementWithReferenceToNarrativeText	**Display Name**	Narrative Text Reference

Description

Reusable template wherever a text reference to the corresponding text in the human readable part (narrative text) is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 6 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.4.2	Include	Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.4.21	Include	Vital Signs Observation (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11

Example

Example

```
<text>
  <reference value="#nartext1"/>
</text>
```

Item	DT	Card	Conf	Description	Label

hl7:text	**ED**	**1 .. 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 .. 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 .. 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		

1.1.5.10 Organization Compilation with GLN and name

Id	2.16.756.5.30.1.1.10.9.30	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationGlnName	**Display Name**	Organization Compilation with GLN and name

Description

Reusable template wherever an organization with required GLN as id and name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 6 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Containment	Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.51	Containment	Assigned Entity Compilation with GLN and name (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.24 (DYNAMIC)

Example

Example

```
<id root="2.51.1.3" extension="7601111111111"/>
<name>Fuchsbau Medical Services AG</name>
```

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 … 1**	**R**	The organization's id (GLN).	CDA-CH V2
└ @root	uid	**1 … 1**	F	2.51.1.3	
└ @extension	st	**1 … 1**	R	The organization's GLN.	
hl7:id	**II**	**0 … ***		Other organization's id.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 … ***	**R**	The organization's name.	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	**AD**	**0 … ***		The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

1.1.5.11 Organization Compilation with GLN, name, addr and telecom

Id	2.16.756.5.30.1.1.10.9.26	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationGlnNameAddrTelecom	**Display Name**	Organization Compilation with GLN, name, addr and telecom

Description

Reusable template wherever an organization with required GLN as id, name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 6 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.15	Containment	Insurance - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.50	Containment	Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.33 (DYNAMIC)

Example	Example
	`<id root="2.51.1.3" extension="7601111111111"/>`
	`<name>Fuchsbau Medical Services AG</name>`
	`<telecom value="tel:+41.99.888.77.66" use="WP"/>`
	`<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>`
	`<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>`
	`<addr>`
	`<streetName>Specimengasse</streetName>`
	`<houseNumber>99</houseNumber>`
	`<city>Musterhausen</city>`
	`<postalCode>9999</postalCode>`
	`<country>CH</country>`
	`</addr>`

Item	DT	Card	Conf	Description	Label
hl7:id	II	1 … 1	R	The organization's id (GLN).	CDA-CH V2
└ @root	uid	1 … 1	F	2.51.1.3	
└ @extension	st	1 … 1	R	The organization's GLN.	
hl7:id	II	0 … *		Other organization's id.	CDA-CH V2
└ @root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:name	ON	1 .. *	R	The organization's name.	CDA-CH V2
hl7:telecom	TEL	1 .. *	R	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	AD	1 .. *	R	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

1.1.5.12 Organization Compilation with id, name, addr and telecom

Id	2.16.756.5.30.1.1.10.9.33	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationIdNameAddrTelecom	**Display Name**	Organization Compilation with id, name, addr and telecom

Description

Reusable template wherever an organization with required id, name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified

Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 7 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31		Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.27 (DYNAMIC)

Example

Example

```
<id root="2.999" extension="432ohjb"/>
<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>
  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>
```

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 … ***	**R**	The organization's id.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 … ***	**R**	The organization's name.	CDA-CH V2
hl7:telecom	**TEL**	**1 … ***	**R**	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	**AD**	**1 … ***	**R**	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

1.1.5.13 Organization Compilation with name

Id	2.16.756.5.30.1.1.10.9.24	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationWithName	**Display Name**	Organization Compilation with name

Description

Reusable template wherever an organization with required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 14 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Containment	Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.14	Containment	Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.4	Containment	Recipient - informationRecipient (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.43	Containment	Patient Contact - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5		Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6		Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.23	Containment	Author (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.151 (2005-09-07)

Example

Example

```
<name>Fuchsbau Medical Services AG</name>
```

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**0 … ***		The organization's id.	CDA-CH V2
└ @root	uid	**1 … 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	**0 … 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 … ***	**R**	The organization's name.	CDA-CH V2
hl7:telecom	**TEL**	**0 … ***		The organization's means of communication (phone, eMail, ...).	CDA-CH V2

hl7:addr	AD	0 … *		The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

1.1.5.14 Organization Compilation with name, addr, telecom

Id	2.16.756.5.30.1.1.10.9.27	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationWithNameAddrTelecom	**Display Name**	Organization Compilation with name, addr, telecom

Description

Reusable template wherever an organization with required name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 11 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.40	Containment	Employer - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18

2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		Inability To Work Observation (2017)	2017-09-14 17:25:19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.24 (DYNAMIC)

Example

Example

```
<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>
  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>
```

Item	DT	Card	Conf	Description	Label

hl7:id	II	0 … *	R	The organization's id.	CDA-CH V2
└ @root	uid	1 … 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 … 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	ON	1 … *	R	The organization's name.	CDA-CH V2
hl7:telecom	TEL	1 … *	R	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	AD	1 … *	R	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

1.1.5.15 Original Text Reference

Id	2.16.756.5.30.1.1.10.9.49	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OriginalTextElementWithReferenceToNarrativeText	**Display Name**	Original Text Reference

Description

Reusable template wherever a original text reference to the corresponding text in the human readable part (narrative text) is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 17 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Include	Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Include	Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5		Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6		Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Include	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		Inability To Work Observation (2017)	2017-09-14 17:25:19
2.16.756.5.30.1.1.10.9.31	Include	Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18

2.16.756.5.30.1.1.10.9.32	Include	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.50	Include	Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.51	Include	Assigned Entity Compilation with GLN and name (2017)	2018-04-18

Example

Example

```
<originalText>
  demo
  <reference value="#nartext1"/>
</originalText>
```

Item	DT	Card	Conf	Description	Label
hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
└ hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		

	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.
Variable let	Name	idvalue
	Value	substring-after(@value,'#')
Schematron assert	role	error
	test	ancestor::hl7:structuredBody//*[@ID=$idvalue]
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').
Schematron assert	role	error
	test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()
	Message	The originalText content MUST be identical to the narrative text for this reference.

1.1.5.16 Performer

Id	2.16.756.5.30.1.1.10.9.31	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_Performer	**Display Name**	Performer

Description

Reusable template wherever a healthcare provider who was the primary performer of an act is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.9.31
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 5 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5 (2017-04-13 21:00:16)

Example

Example

```
<performer typeCode="PRF">
  <templateId root="2.16.756.5.30.1.1.10.9.31"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
  <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
  <time>
    <low nullFlavor="NASK"/>
    <high nullFlavor="NASK"/>
  </time>
  <assignedEntity>
    <id root="2.999" extension="p98457u-"/>
    <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
    <addr use="WP">
      <streetName>Doktorgasse</streetName>
      <houseNumber>2</houseNumber>
      <city>Musterhausen</city>
      <postalCode>8888</postalCode>
      <country>CH</country>
    </addr>
    <telecom value="tel:+41.32.234.55.66" use="WP"/>
    <telecom value="fax:+41.32.234.55.67" use="WP"/>
    <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
```

```
    <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
    <assignedPerson>
      <name>
        <given>Allzeit</given>
        <family>Bereit</family>
        <prefix>Dr. med.</prefix>
      </name>
    </assignedPerson>
    <representedOrganization>
      <id root="2.51.1.3" extension="7609999999999"/>
      <name>Gruppenpraxis CH</name>
      <telecom value="tel:+41.32.234.55.66" use="WP"/>
      <telecom value="fax:+41.32.234.55.67" use="WP"/>
      <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
      <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
      <addr use="WP">
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedOrganization>
  </assignedEntity>
</performer>
```

Item	DT	Card	Conf	Description	Label
hl7:performer				Information about a healthcare provider who was the primary performer of the act.	(cda...mer)
└ @typeCode	CS	1 … 1	F	PRF	
└ hl7:templateId	II	1 … 1	M		(cda...mer)

└ @root	uid	**1 … 1**	F	2.16.756.5.30.1.1.10.9.31	
└ hl7:templateId		**1 … 1**	**R**		(cda...mer)
└ @root	uid	**1 … 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
└ hl7:functionCode	**CE**	**1 … 1**	**R**	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	(cda...mer)
└ @code	cs	**1 … 1**	R		
└ @codeSystem	oid	**1 … 1**	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	**1 … 1**	F	SNOMED CT	
└ @displayName	st	**1 … 1**	R		

CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 *EprAuthorRole* (DYNAMIC)

Example

```
<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>
```

Example

```
<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">
  <originalText>Home helper</originalText>
</functionCode>
```

Example

```
<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver">
  <originalText>Laboratory technician</originalText>
  <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/>
</functionCode>
```

	Schematron assert	role	error		
		test	not(@code='133932002') or (hl7:originalText/text())		
		Message	Other Caregivers description MUST be declared in the originalText element.		
Included		**0 … 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:originalText	**ED**	**0 … 1**	**C**		CDA-CH V2
hl7:reference	**TEL**	**1 … 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 … 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()		

		Message	The originalText content MUST be identical to the narrative text for this reference.		
hl7:translation		**0 … ***		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	(cda...mer)
@code	cs	**1 … 1**	R		
@codeSystem	oid	**1 … 1**	R		
@codeSystemName	st	**1 … 1**	R		
@displayName	st	**1 … 1**	R		
hl7:time	**IVL_TS.CH.TZ**	**0 … 1**		Duration of the performance.	(cda...mer)
hl7:low	**TS.CH.TZ**	**1 … 1**	**R**	Start of the performance.	(cda...mer)
hl7:high	**TS.CH.TZ**	**1 … 1**	**R**	End of the performance.	(cda...mer)
hl7:assignedEntity		**1 … 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	(cda...mer)

1.1.5.17 Person Name Information Compilation - eCH-0011

Id	2.16.756.5.30.1.1.10.9.34	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_PersonNameInformationCompilation-eCH-0011	**Display Name**	Person Name Information Compilation - eCH-0011

Description

Person name information (with required family and given name) according to the eCH-0011 V8.1 nameData data type. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.
See https://www.ech.ch/vechweb/page?p=dossier&documentNumber=eCH-0011&documentVersion=8.1, section 3.3.2 nameData – Namensangaben for more information.

Context	Pathname
Label	eCH-0011 V8.1 nameData
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 27 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Containment	Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.14	Containment	Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.15	Containment	Insurance - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.4	Containment	Recipient - informationRecipient (2017)	2018-04-18

2.16.756.5.30.1.1.10.2.40	Containment	Employer - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.43	Containment	Patient Contact - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5		Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6		Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		Inability To Work Observation (2017)	2017-09-14 17:25:19
2.16.756.5.30.1.1.10.9.23	Containment	Author (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31		Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.50	Containment	Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.51	Containment	Assigned Entity Compilation with GLN and name (2017)	2018-04-18

Example

Minimal name

```
<name>
  <family>Muster</family>
  <given>Hildegard</given>
```

	`</name>`

Example	Maiden name
	`<!-- @use attribute is optional, here -->`
	`<name use="L">`
	`  <family>Muster</family>`
	`  <given>Hildegard</given>`
	`  <!-- @qualifier attribute indicates the maiden name -->`
	`  <family qualifier="BR">Hugentobler</family>`
	`</name>`

Example	Call name
	`<!-- @use attribute is optional, here -->`
	`<name use="L">`
	`  <family>Muster</family>`
	`  <given>Hildegard</given>`
	`  <!-- @qualifier attribute indicates the call name -->`
	`  <given qualifier="CL">Hildi</given>`
	`</name>`

Example	Pseudonym
	`<!-- @use attribute is optional for the legal name -->`
	`<name use="L">`
	`  <family>Muster</family>`
	`  <given>Hildegard</given>`
	`</name>`
	`<!-- @use attribute indicates that this name is a pseudonym (Artist, VIP, etc.) -->`
	`<name use="P">`
	`  <family>Lady</family>`
	`  <given>Vip</given>`
	`</name>`

Example

Other official Name

```
<!-- @use attribute is optional for the legal name -->
<name use="L">
  <family>Muster</family>
  <given>Hildegard</given>
</name>
<!-- @use attribute indicates that this is another assigned name -->
<name use="ASGN">
  <family>Sans-Papier</family>
  <given>Helen</given>
</name>
```

Item	DT	Card	Conf	Description	Label
hl7:name	**PN**	**1 … 1**	**R**	The person's legal name (with required family and given name).	eCH-0011 V8.1 nameData
└ @use	set_cs	**0 … 1**	F	L Legal. This is the default. Thus, name elements without @use are legal names.	
└ hl7:prefix	**ENXP**	**0 … ***		The person's academic title (such as Dr. med. or Prof.).	eCH-0011 V8.1 nameData
└ @qualifier	set_cs	**1 … 1**	F	AC Academic.	
└ hl7:family	**ENXP**	**1 … ***	**R**	The person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData

└ @qualifier	set_cs	0	NP	NP/not present Default.	
└ hl7:family	**ENXP**	**0 … ***		The person's maiden name ([ge]: Ledigname; [fr]: nom de célibataire).	eCH-0011 V8.1 nameData
└ @qualifier	set_cs	**1 … 1**	F	BR Birth name.	
└ hl7:given	**ENXP**	**1 … ***	**R**	The person's given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
└ @qualifier	set_cs	0	NP	NP/not present Default.	
└ hl7:given	**ENXP**	**0 … ***		The person's call name ([ge]: Rufname; [fr]: nom usuel).	eCH-0011 V8.1 nameData
└ @qualifier	set_cs	**1 … 1**	F	CL Callme.	
hl7:name	**PN**	**0 … ***		The person's alias name.	eCH-0011 V8.1 nameData
└ @use	set_cs	**1 … 1**	F	P Pseudonym.	

hl7:prefix	**ENXP**	**0 … ***		The person's title.	eCH-0011 V8.1 nameData
@qualifier	set_cs	**1 … 1**	F	TITLE Title.	
hl7:family	**ENXP**	**0 … ***		The person's pseudonym family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:given	**ENXP**	**0 … ***		The person's pseudonym given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:name	**PN**	**0 … ***		Other person's name.	eCH-0011 V8.1 nameData
@use	set_cs	**1 … 1**	F	ASGN Assigned.	

hl7:prefix	**ENXP**	**0 … ***		The person's title.	eCH-0011 V8.1 nameData
@qualifier	set_cs	**1 … 1**	F	TITLE Title.	
hl7:family	**ENXP**	**0 … ***		Other official person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:given	**ENXP**	**0 … ***		Other official given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	

1.1.5.18 PlayingEntity Compilation with name

Id	2.16.756.5.30.1.1.10.9.20	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_PlayingEntityCompilationWithName	**Display Name**	PlayingEntity Compilation with name

Description

Reusable template wherever a playing entity with a required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Relationship	Specialization: template 2.16.840.1.113883.10.12.313 (2005-09-07)

Example

Name unstructured

```
<name>Muster Franz</name>
```

Example

Name structured

```
<name>
  <family>Muster</family>
  <given>Franz</given>
</name>
```

Item	DT	Card	Conf	Description	Label
hl7:name	**PN**	**1 ... ***	**R**	The playing entity's name.	CDA-CH V2

1.2 Codes und Wertebereiche

1.2.1 ActPriority

Id	2.16.840.1.113883.1.11.16866 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ActPriority	**Display Name**	ActPriority
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** A code or set of codes (e.g., for routine, emergency,) specifying the urgency under which the Act happened, can happen, is happening, is intended to happen, or is requested/demanded to happen. *Discussion:* This attribute is used in orders to indicate the ordered priority, and in event documentation it indicates the actual priority used to perform the act. In definition mood it indicates the available priorities.		
Source Code System	2.16.840.1.113883.5.7 - *Act Priority*		

Level/ Type	Code	Display Name	Code System
0-L	A	ASAP	Act Priority
0-L	CR	callback results	Act Priority
0-L	EL	elective	Act Priority
0-L	EM	emergency	Act Priority
0-L	P	preop	Act Priority
0-L	PRN	as needed	Act Priority
0-L	R	routine	Act Priority
0-L	RR	rush reporting	Act Priority
0-L	S	stat	Act Priority

0-L	T	timing critical	Act Priority
0-L	UD	use as directed	Act Priority
0-L	UR	urgent	Act Priority
0-S	CS	callback for scheduling	Act Priority
1-L	CSP	callback placer for scheduling	Act Priority
1-L	CSR	contact recipient for scheduling	Act Priority
0-L	EL	elective	Act Priority
0-L	EM	emergency	Act Priority
0-L	R	routine	Act Priority
0-L	UR	urgent	Act Priority

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.2 ActStatusAbortedCancelledCompleted

Id	2.16.840.1.113883.1.11.20309 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ActStatusAbortedCancelledCompleted	**Display Name**	ActStatusAbortedCancelledCompleted
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** **Description:** The status of an assessment for indications of an abnormal condition.		
Source Code System	2.16.840.1.113883.5.14 - *ActStatus*		

Level/ Type	Code	Display Name	Code System
0-L	aborted	aborted	ActStatus
0-L	cancelled	cancelled	ActStatus
0-L	completed	completed	ActStatus

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.3 ActStatusAbortedCompleted

Id	1.3.6.1.4.1.19376.1.3.11.2 ref XDLAB-	**Effective Date**	2008-08-08
Status	Final	**Version Label**	2017
Name	ActStatusAbortedCompleted	**Display Name**	ActStatusAbortedCompleted
Source Code System	2.16.840.1.113883.5.14 - *ActStatus*		

Level/ Type	Code	Display Name	Code System
0-L	aborted	aborted	ActStatus
0-L	completed	completed	ActStatus

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.4 ActStatusActive

Id	2.16.840.1.113883.1.11.20023 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323

Name	ActStatusActive	**Display Name**	ActStatusActive
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** The Act can be performed or is being performed		
Source Code System	2.16.840.1.113883.5.14 - *ActStatus*		

Level/ Type	Code	Display Name	Code System
0-L	active	active	ActStatus

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.5 ActStatusCompleted

Id	2.16.840.1.113883.1.11.20025 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ActStatusCompleted	**Display Name**	ActStatusCompleted
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** An Act that has terminated normally after all of its constituents have been performed.		
Source Code System	2.16.840.1.113883.5.14 - *ActStatus*		

Level/ Type	Code	Display Name	Code System

0-L	completed	completed	ActStatus

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.6 AdministrativeGender

Id	2.16.840.1.113883.1.11.1 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	AdministrativeGender	**Display Name**	AdministrativeGender
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** The gender of a person used for adminstrative purposes (as opposed to clinical gender)		
Source Code System	2.16.840.1.113883.5.1 - *Administrative Gender*		

Level/ Type	Code	Display Name	Code System
0-L	F	Female	Administrative Gender
0-L	M	Male	Administrative Gender
0-L	UN	Undifferentiated	Administrative Gender

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.7 Allergies for eVACDOC

Id	2.16.756.5.30.1.1.11.76	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	AllergiesForEvacdoc	**Display Name**	Allergies for eVACDOC
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System
0-L	303300008	Egg protein (substance)	SNOMED Clinical Terms
0-L	24079001	Atopic dermatitis (disorder)	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.8 EprAuthorRole

Id	2.16.756.5.30.1.127.3.10.1.1.3	**Effective Date**	2018-06-13 07:40:11
Status	Draft	**Version Label**	201704.3-beta
Name	authorRole	**Display Name**	EprAuthorRole
Description	Role of the author as per Annex 3 EPRO-FDHA, Chapter 2.1 This code defines the role of the author within the institution, e.g. doctor, nurse, therapist, etc, This is a sub-attribute of epd_xds_author.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System	Designations
0-L	46255001	Pharmacist (occupation)	SNOMED Clinical Terms	Preferred: Pharmacist
0-L	309343006	Physician (occupation)	SNOMED Clinical Terms	Preferred: Physician
0-L	3842006	Chiropractor (occupation)	SNOMED Clinical Terms	Preferred: Chiropractor
0-L	159033005	Dietitian (occupation)	SNOMED Clinical Terms	Preferred: Dietitian
0-L	309453006	Registered midwife (occupation)	SNOMED Clinical Terms	Preferred: Midwife
0-L	224609002	Complementary health worker (occupation)	SNOMED Clinical Terms	Preferred: Complementary therapist
0-L	116154003	Patient (person)	SNOMED Clinical Terms	Preferred: Patient
0-L	106292003	Professional nurse (occupation)	SNOMED Clinical Terms	Preferred: Professional nurse
0-L	59944000	Psychologist (occupation)	SNOMED Clinical Terms	Preferred: Psychologist
0-L	158933003	Social caseworker (general) (occupation)	SNOMED Clinical Terms	Preferred: Social worker
0-L	159026005	Speech/language therapist (occupation)	SNOMED Clinical Terms	Preferred: Speech therapist
0-L	36682004	Physiotherapist (occupation)	SNOMED Clinical Terms	Preferred: Physiotherapist
0-L	80546007	Occupational therapist (occupation)	SNOMED Clinical Terms	Preferred: Occupational therapist
0-L	225726006	Lactation consultant (occupation)	SNOMED Clinical Terms	Preferred: Breast Feeding Consultant
0-L	106289002	Dentist (occupation)	SNOMED Clinical Terms	Preferred: Dentist
0-L	66862007	Radiologist (occupation)	SNOMED Clinical Terms	Preferred: Radiologist
0-L	159282002	Laboratory technician (occupation)	SNOMED Clinical Terms	Preferred: Laboratory technician
0-L	223366009	Healthcare professional (occupation)	SNOMED Clinical Terms	Preferred: Healthcare professional

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.9 EprDocumentConfidentialityCode

Id	2.16.756.5.30.1.127.3.10.1.5	**Effective Date**	2018-06-13 07:57:38
Status	Draft	**Version Label**	201704.3-beta
Name	xds-confCod	**Display Name**	EprDocumentConfidentialityCode
Description	Document confidentiality as per Annex 3 EPRO-FDHA, Chapter 2.4.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System	Designations
0-L	1051000195109	Normal (qualifier value)	SNOMED Clinical Terms	Preferred: normal
0-L	1131000195104	Restricted (qualifier value)	SNOMED Clinical Terms	Preferred: restricted
0-L	1141000195107	Secret (qualifier value)	SNOMED Clinical Terms	Preferred: secret

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.10 EprDocumentTypeCode

Id	2.16.756.5.30.1.127.3.10.1.27	**Effective Date**	2018-06-13 08:18:20
Status	Draft	**Version Label**	201704.3-beta
Name	xds-typeCo	**Display Name**	EprDocumentTypeCode
Description	Type of document as per Annex 3 EPRO-FDHA, Chapter 2.11.		

```
The code defines a document’s type (e.g. discharge report, laboratory report). Each document type should be
```

	assigned to precisely one document class.
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.
Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*

Level/ Type	Code	Display Name	Code System	Designations
0-L	371537001	Consent report (record artifact)	SNOMED Clinical Terms	Preferred: Patient Consent
0-L	371538006	Advance directive report (record artifact)	SNOMED Clinical Terms	Preferred: Advance directive report
0-L	722216001	Emergency medical identification record (record artifact)	SNOMED Clinical Terms	Preferred: Emergency medical identification record
0-L	TODO	Organ donor card (record artifact)	SNOMED Clinical Terms	Preferred: Organ donor card
0-L	371534008	Summary report (record artifact)	SNOMED Clinical Terms	Preferred: Patient Summary
0-L	721912009	Medication summary document (record artifact)	SNOMED Clinical Terms	Preferred: Medication summary
0-L	440545006	Prescription record (record artifact)	SNOMED Clinical Terms	Preferred: Drug prescription
0-L	1371000195104	Non-drug prescription record (record artifact)	SNOMED Clinical Terms	Preferred: Non-drug prescription
0-L	275670009	Prescription exemption certificate (record artifact)	SNOMED Clinical Terms	Preferred: Medication Dispensation
0-L	1221000195109	Medication Comment (record artifact)	SNOMED Clinical Terms	Preferred: Medication Comment
0-L	761931002	Medication treatment plan report (record artifact)	SNOMED Clinical Terms	Preferred: Medication Treatment Plan
0-L	721915006	Admission request document (record artifact)	SNOMED Clinical Terms	Preferred: Admission request
0-L	371542009	Admission history and physical report (record artifact)	SNOMED Clinical Terms	Preferred: Admission report
0-L	373942005	Discharge summary (record artifact)	SNOMED Clinical Terms	Preferred: Discharge summary
0-L	371535009	Transfer summary report (record artifact)	SNOMED Clinical Terms	Preferred: Transfer summary report

0-L	278448002	Care plan (qualifier value)	SNOMED Clinical Terms	Preferred: Care plan
0-L	5531000179105	Nursing report (record artifact)	SNOMED Clinical Terms	Preferred: Nursing report
0-L	721927009	Referral note (record artifact)	SNOMED Clinical Terms	Preferred: Referral request
0-L	371530004	Clinical consultation report (record artifact)	SNOMED Clinical Terms	Preferred: Consultation report
0-L	371525003	Clinical procedure report (record artifact)	SNOMED Clinical Terms	Preferred: Clinical procedure report
0-L	4241000179101	Laboratory report (record artifact)	SNOMED Clinical Terms	Preferred: Laboratory report
0-L	371528001	Pathology report (record artifact)	SNOMED Clinical Terms	Preferred: Pathology report
0-L	721631001	Bone marrow pathology biopsy report (record artifact)	SNOMED Clinical Terms	Preferred: Bone marrow Pathology biopsy report
0-L	721968000	Cardiac catheterization report (record artifact)	SNOMED Clinical Terms	Preferred: Cardiac catheterization report
0-L	399345000	Adult echocardiography procedure report (record artifact)	SNOMED Clinical Terms	Preferred: Echocardiography procedure report
0-L	4221000179107	Ultrasound imaging report (record artifact)	SNOMED Clinical Terms	Preferred: Ultrasound imaging report
0-L	371527006	Radiology report (record artifact)	SNOMED Clinical Terms	Preferred: Radiology report
0-L	416779005	Anesthesia record (record artifact)	SNOMED Clinical Terms	Preferred: Anaesthesiology report
0-L	371526002	Operative report (record artifact)	SNOMED Clinical Terms	Preferred: Operative report
0-L	444561001	Birth certificate (record artifact)	SNOMED Clinical Terms	Preferred: Birth certificate
0-L	307930005	Death certificate (record artifact)	SNOMED Clinical Terms	Preferred: Death certificate
0-L	721599005	Wound care management note (record artifact)	SNOMED Clinical Terms	Preferred: Wound report
0-L	371532007	Progress report (record artifact)	SNOMED Clinical Terms	Preferred: Progress note
0-L	722091001	Conclusion interpretation document (record artifact)	SNOMED Clinical Terms	Preferred: Conclusion interpretation document
0-L	900000000000471000	Image reference (foundation metadata concept)	SNOMED Clinical Terms	Preferred: Image reference
0-L	41000179103	Immunization record (record artifact)	SNOMED Clinical Terms	Preferred: Immunization record
0-L	424975005	Record entry (record artifact)	SNOMED Clinical Terms	Preferred: Other EPD-document type
0-L	722160009	Audit trail report (record artifact)	SNOMED Clinical Terms	Preferred: Audit trail

0-L	721963009	Order (record artifact)	SNOMED Clinical Terms	Preferred: Order

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.11 EprGender

Id	2.16.756.5.30.1.127.3.10.1.25	**Effective Date**	2018-06-13 08:21:07
Status	Draft	**Version Label**	201704.3-beta
Name	xds-sourPatInf	**Display Name**	EprGender
Description	Patient's gender as per Annex 3 EPRO-FDHA, Chapter 2.10.		
Source Code System	2.16.840.1.113883.5.1 - *Administrative Gender*		

Level/ Type	Code	Display Name	Code System	Designations
0-L	F	Female	Administrative Gender	Preferred: Female
0-L	M	Male	Administrative Gender	Preferred: Male
0-L	UN	Undifferentiated	Administrative Gender	Preferred: Other

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.12 HumanLanguage

Id	2.16.840.1.113883.1.11.11526 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	HumanLanguage	**Display Name**	HumanLanguage

Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Codes for the representation of the names of human languages.

A valid code from the code system:

Code System Name	Code System Id	Code System Version
Tags for the Identification of Languages	2.16.840.1.113883.6.121	

1.2.13 Illnesses undergone for immunization

Id	2.16.756.5.30.1.1.11.75	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	IllnessesUndergoneForImmunization	**Display Name**	Illnesses undergone for immunization
Description	These are past illnesses which result in a natural immunization.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System
0-L	38907003	Varicella (disorder)	SNOMED Clinical Terms
0-L	14189004	Measles (disorder)	SNOMED Clinical Terms
0-L	36989005	Mumps (disorder)	SNOMED Clinical Terms
0-L	36653000	Rubella (disorder)	SNOMED Clinical Terms
0-L	40468003	Viral hepatitis, type A (disorder)	SNOMED Clinical Terms

0-L	66071002	Viral hepatitis type B (disorder)	SNOMED Clinical Terms
0-L	16901001	Central European encephalitis (disorder)	SNOMED Clinical Terms
0-L	16541001	Yellow fever (disorder)	SNOMED Clinical Terms
0-L	76902006	Tetanus (disorder)	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.14 Laboratory Specialties

Id	1.3.6.1.4.1.19376.1.3.11.1 ref XDLAB-	**Effective Date**	2008-08-08
Status	Final	**Version Label**	2017
Name	LaboratorySpecialties	**Display Name**	Laboratory Specialties
Description	Laboratory Specialties. Notes: ▪ Note 1:26436-6 (LABORATORY STUDIES) enables issuing a report putting together observations from multiple specialties (disciplines) in the same text block, allowing delivery of a global interpretation comment at the end of the text block that will be rendered at the end of the report. ▪ Note 2:18721-1 (THERAPEUTIC DRUG MONITORING STUDIES) will be used for a section carrying pharmacology observations on a patient. ▪ Note 3:Mycology and parasitology, as well as bacteriology, are part of the 18725-2 (MICROBIOLOGY STUDIES) specialty. ▪ Note 4:Virology MAY be included in 18725-2 (MICROBIOLOGY STUDIES) specialty or 18727-8 (SEROLOGY STUDIES) or split between both specialties, depending upon the Content Creator Actor’s choice.		
Source Code System	2.16.840.1.113883.6.1 - *Logical Observation Identifier Names and Codes*		

Level/ Type	Code	Display Name	Code System
0-L	18717-9	BLOOD BANK STUDIES	Logical Observation Identifier Names and Codes

0-L	18718-7	CELL MARKER STUDIES	Logical Observation Identifier Names and Codes
0-L	18719-5	CHEMISTRY STUDIES	Logical Observation Identifier Names and Codes
0-L	18720-3	COAGULATION STUDIES	Logical Observation Identifier Names and Codes
0-L	18721-1	THERAPEUTIC DRUG MONITORING STUDIES	Logical Observation Identifier Names and Codes
0-L	18722-9	FERTILITY STUDIES	Logical Observation Identifier Names and Codes
0-L	18723-7	HEMATOLOGY STUDIES	Logical Observation Identifier Names and Codes
0-L	18724-5	HLA STUDIES	Logical Observation Identifier Names and Codes
0-L	18725-2	MICROBIOLOGY STUDIES	Logical Observation Identifier Names and Codes
0-L	18727-8	SEROLOGY STUDIES	Logical Observation Identifier Names and Codes
0-L	18728-6	TOXICOLOGY STUDIES	Logical Observation Identifier Names and Codes
0-L	18729-4	URINALYSIS STUDIES	Logical Observation Identifier Names and Codes
0-L	18767-4	BLOOD GAS STUDIES	Logical Observation Identifier Names and Codes
0-L	18768-2	CELL COUNTS+DIFFERENTIAL STUDIES	Logical Observation Identifier Names and Codes
0-L	18769-0	MICROBIAL SUSCEPTIBILITY TESTS	Logical Observation Identifier Names and Codes
0-L	26435-8	MOLECULAR PATHOLOGY STUDIES	Logical Observation Identifier Names and Codes
0-L	26436-6	LABORATORY STUDIES	Logical Observation Identifier Names and Codes
0-L	26437-4	CHEMISTRY CHALLENGE STUDIES	Logical Observation Identifier Names and Codes
0-L	26438-2	CYTOLOGY STUDIES	Logical Observation Identifier Names and Codes

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.15 LanguageAbilityMode

Id	2.16.840.1.113883.1.11.12249 ref ad2bbr-	**Effective Date**	2014-03-26

Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	LanguageAbilityMode	**Display Name**	LanguageAbilityMode
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** A value representing the method of expression of the language. *Example:* Expressed spoken, expressed written, expressed signed, received spoken, received written, received signed.		
Source Code System	2.16.840.1.113883.5.60 - *Language Ability Mode*		

Level/ Type	Code	Display Name	Code System
0-L	ESGN	Expressed signed	Language Ability Mode
0-L	ESP	Expressed spoken	Language Ability Mode
0-L	EWR	Expressed written	Language Ability Mode
0-L	RSGN	Received signed	Language Ability Mode
0-L	RSP	Received spoken	Language Ability Mode
0-L	RWR	Received written	Language Ability Mode

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.16 LanguageAbilityProficiency

Id	2.16.840.1.113883.1.11.12199 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	LanguageAbilityProficiency	**Display Name**	LanguageAbilityProficiency

Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** A value representing the level of proficiency in a language. *Example:* Excellent, good, fair, poor.
Source Code System	2.16.840.1.113883.5.61 - *Language Ability Proficiency*

Level/ Type	Code	Display Name	Code System
0-L	E	Excellent	Language Ability Proficiency
0-L	F	Fair	Language Ability Proficiency
0-L	G	Good	Language Ability Proficiency
0-L	P	Poor	Language Ability Proficiency

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.17 MaritalStatus

Id	2.16.840.1.113883.1.11.12212 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	MaritalStatus	**Display Name**	MaritalStatus
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** The domestic partnership status of a person. *Example:* Married, separated, divorced, widowed, common-law marriage.		

Source Code System	2.16.840.1.113883.5.2 - *MaritalStatus*

Level/ Type	Code	Display Name	Code System
0-L	A	Annulled	MaritalStatus
0-L	D	Divorced	MaritalStatus
0-L	I	Interlocutory	MaritalStatus
0-L	L	Legally Separated	MaritalStatus
0-L	M	Married	MaritalStatus
0-L	P	Polygamous	MaritalStatus
0-L	S	Never Married	MaritalStatus
0-L	T	Domestic partner	MaritalStatus
0-L	W	Widowed	MaritalStatus

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.17.1 Mapping zu eCH-0011 maritalStatus - Zivilstand

Siehe Mapping Tabelle in CDA-CH V2 (2017)

1.2.18 Multimedia Embedded Media Types

Id	1.3.6.1.4.1.19376.1.3.11.5 ref XDLAB-	**Effective Date**	2008-08-08
Status	Final	**Version Label**	2017
Name	MultimediaEmbeddedMediaTypes	**Display Name**	Multimedia Embedded Media Types
Source Code System	2.16.840.1.113883.5.79 - *Media Type*		

Level/ Type	Code	Display Name	Code System
0-L	image/gif	GIF Image	Media Type
0-L	image/jpeg	JPEG Image	Media Type
0-L	image/png	PNG Image	Media Type
0-L	image/bmp	BMP Image	Media Type

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.19 ObservationAllergyType

Id	2.16.840.1.113883.1.11.19701 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ObservationAllergyType	**Display Name**	ObservationAllergyType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Hypersensitivity to an agent caused by an immunologic response to an initial exposure.		
Source Code System	2.16.840.1.113883.5.4 - *Act Code*		

Level/ Type	Code	Display Name	Code System
0-S	ALG	Allergy	Act Code
1-L	DALG	Drug Allergy	Act Code
1-L	EALG	Environmental Allergy	Act Code

1-L	FALG	Food Allergy	Act Code

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.20 ObservationInterpretation

Id	2.16.840.1.113883.1.11.78 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ObservationInterpretation	**Display Name**	ObservationInterpretation
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** One or more codes specifying a rough qualitative interpretation of the observation, such as "normal", "abnormal", "below normal", "change up", "resistant", "susceptible", etc. *Discussion:* These interpretation codes are sometimes called "abnormal flags", however, the judgment of normalcy is just one of the common rough interpretations, and is often not relevant. For example, the susceptibility interpretations are not about "normalcy", and for any observation of a pathologic condition, it does not make sense to state the normalcy, since pathologic conditions are never considered "normal."		
Source Code System	2.16.840.1.113883.5.83 - *Observation Interpretation*		

Level/ Type	Code	Display Name	Code System
0-A	_GeneticObservationInterpretation	GeneticObservationInterpretation	Observation Interpretation
1-L	CAR	Carrier	Observation Interpretation
1-L	Carrier	Carrier	Observation Interpretation
0-A	_ObservationInterpretationChange	ObservationInterpretationChange	Observation Interpretation

1-L	B	Better	Observation Interpretation
1-L	D	Significant change down	Observation Interpretation
1-L	U	Significant change up	Observation Interpretation
1-L	W	Worse	Observation Interpretation
0-A	_ObservationInterpretationExceptions	ObservationInterpretationExceptions	Observation Interpretation
1-L	<	Off scale low	Observation Interpretation
1-L	>	Off scale high	Observation Interpretation
1-L	AC	Anti-complementary substances present	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	QCF	Quality control failure	Observation Interpretation
1-L	TOX	Cytotoxic substance present	Observation Interpretation
0-A	_ObservationInterpretationNormality	ObservationInterpretationNormality	Observation Interpretation
1-S	A	Abnormal	Observation Interpretation
2-S	AA	Critical abnormal	Observation Interpretation
3-L	HH	Critical high	Observation Interpretation
3-L	LL	Critical low	Observation Interpretation
2-S	H	High	Observation Interpretation
3-S	H>	Significantly high	Observation Interpretation
4-L	HH	Critical high	Observation Interpretation
3-S	HU	Significantly high	Observation Interpretation
4-L	HH	Critical high	Observation Interpretation
2-S	L	Low	Observation Interpretation
3-S	L<	Significantly low	Observation Interpretation

4-L	LL	Critical low	Observation Interpretation
3-S	LU	Significantly low	Observation Interpretation
4-L	LL	Critical low	Observation Interpretation
1-L	N	Normal	Observation Interpretation
0-A	_ObservationInterpretationSusceptibility	ObservationInterpretationSusceptibility	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	I	Intermediate	Observation Interpretation
1-L	MS	moderately susceptible	Observation Interpretation
1-L	NS	Non-susceptible	Observation Interpretation
1-S	R	Resistant	Observation Interpretation
2-L	SYN-R	Synergy - resistant	Observation Interpretation
1-S	S	Susceptible	Observation Interpretation
2-L	SDD	Susceptible-dose dependent	Observation Interpretation
2-L	SYN-S	Synergy - susceptible	Observation Interpretation
1-L	VS	very susceptible	Observation Interpretation
0-S	EX	outside threshold	Observation Interpretation
1-L	HX	above high threshold	Observation Interpretation
1-L	LX	below low threshold	Observation Interpretation
0-A	ObservationInterpretationDetection	ObservationInterpretationDetection	Observation Interpretation
1-S	IND	Indeterminate	Observation Interpretation
2-L	E	Equivocal	Observation Interpretation
1-S	NEG	Negative	Observation Interpretation
2-L	ND	Not detected	Observation Interpretation

1-S	POS	Positive	Observation Interpretation
2-L	DET	Detected	Observation Interpretation
0-A	ObservationInterpretationExpectation	ObservationInterpretationExpectation	Observation Interpretation
1-L	EXP	Expected	Observation Interpretation
1-L	UNE	Unexpected	Observation Interpretation
0-A	ReactivityObservationInterpretation	ReactivityObservationInterpretation	Observation Interpretation
1-L	NR	Non-reactive	Observation Interpretation
1-S	RR	Reactive	Observation Interpretation
2-L	WR	Weakly reactive	Observation Interpretation

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.21 ObservationIntoleranceType

Id	2.16.840.1.113883.1.11.19700 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ObservationIntoleranceType	**Display Name**	ObservationIntoleranceType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Hypersensitivity resulting in an adverse reaction upon exposure to an agent.		
Source Code System	2.16.840.1.113883.5.4 - *Act Code*		

Level/ Type	Code	Display Name	Code System
0-S	OINT	intolerance	Act Code
1-S	ALG	Allergy	Act Code
1-S	DINT	Drug Intolerance	Act Code
1-S	EINT	Environmental Intolerance	Act Code
1-S	FINT	Food Intolerance	Act Code
1-S	NAINT	Non-Allergy Intolerance	Act Code

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.22 ObservationNonAllergyIntoleranceType

Id	2.16.840.1.113883.1.11.19702 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ObservationNonAllergyIntoleranceType	**Display Name**	ObservationNonAllergyIntoleranceType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Hypersensitivity to an agent caused by a mechanism other than an immunologic response to an initial exposure		
Source Code System	2.16.840.1.113883.5.4 - *Act Code*		

Level/ Type	Code	Display Name	Code System
0-S	NAINT	Non-Allergy Intolerance	Act Code

1-L	DNAINT	Drug Non-Allergy Intolerance	Act Code
1-L	ENAINT	Environmental Non-Allergy Intolerance	Act Code
1-L	FNAINT	Food Non-Allergy Intolerance	Act Code

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.23 ParticipationSignature

Id	2.16.840.1.113883.1.11.10282 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ParticipationSignature	**Display Name**	ParticipationSignature
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** A code specifying whether and how the participant has attested his participation through a signature and or whether such a signature is needed. *Examples:* A surgical Procedure act object (representing a procedure report) requires a signature of the performing and responsible surgeon, and possibly other participants. (See also: Participation.signatureText.)		
Source Code System	2.16.840.1.113883.5.89 - *Participation Signature*		

Level/ Type	Code	Display Name	Code System
0-L	I	intended	Participation Signature
0-L	S	signed	Participation Signature
0-L	X	required	Participation Signature

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.24 ProblemStatusObservation_value

Id	1.3.6.1.4.1.19376.1.5.3.1.11.2 ref IHE-PCC-	**Effective Date**	2016-09-26 13:58:58
Status	Final	**Version Label**	2014
Name	ProblemStatusObservation_value	**Display Name**	ProblemStatusObservation_value
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System
0-L	55561003	Active	SNOMED Clinical Terms
0-L	73425007	Inactive	SNOMED Clinical Terms
0-L	90734009	Chronic	SNOMED Clinical Terms
0-L	7087005	Intermittent	SNOMED Clinical Terms
0-L	255227004	Recurrent	SNOMED Clinical Terms
0-L	415684004	Rule out	SNOMED Clinical Terms
0-L	410516002	Ruled out	SNOMED Clinical Terms
0-L	413322009	Resolved	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.25 ProblemTypeCode

Id	2.16.840.1.113883.1.11.20.14 ref ccd1-	**Effective Date**	2006-10-17
Status	Draft	**Version Label**	
Name	ProblemTypeCode	**Display Name**	ProblemTypeCode
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System
0-L	64572001	Condition	SNOMED Clinical Terms
0-L	418799008	Symptom	SNOMED Clinical Terms
0-L	404684003	Finding	SNOMED Clinical Terms
0-L	409586006	Complaint	SNOMED Clinical Terms
0-L	248536006	Functional limitation	SNOMED Clinical Terms
0-L	55607006	Problem	SNOMED Clinical Terms
0-L	282291009	Diagnosis	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.26 RouteOfAdministration (Immunization)

Id	2.16.756.5.30.1.127.11.12	**Effective Date**	valid from 2015-12-18
Status	Draft	**Version Label**	
Name	RouteOfAdministrationImmunization	**Display Name**	RouteOfAdministration (Immunization)

2 Source Code Systems	2.16.840.1.113883.5.112 - *Route Of Administration* 2.16.840.1.113883.5.1008 - *Null Flavor*

Level/ Type	Code	Display Name	Code System
1-L	SOAK	Immersion (soak)	Route Of Administration
1-L	SHAMPOO	Shampoo	Route Of Administration
1-L	TRNSLING	Translingual	Route Of Administration
1-L	PO	Swallow, oral	Route Of Administration
1-L	GARGLE	Gargle	Route Of Administration
1-L	SUCK	Suck, oromucosal	Route Of Administration
1-A	_Chew	Chew	Route Of Administration
2-L	CHEW	Chew, oral	Route Of Administration
1-A	_Diffusion	Diffusion	Route Of Administration
2-L	EXTCORPDIF	Diffusion, extracorporeal	Route Of Administration
2-L	HEMODIFF	Diffusion, hemodialysis	Route Of Administration
2-L	TRNSDERMD	Diffusion, transdermal	Route Of Administration
1-A	_Dissolve	Dissolve	Route Of Administration
2-L	DISSOLVE	Dissolve, oral	Route Of Administration
2-L	SL	Dissolve, sublingual	Route Of Administration
1-A	_Douche	Douche	Route Of Administration
2-L	DOUCHE	Douche, vaginal	Route Of Administration
1-A	_ElectroOsmosisRoute	ElectroOsmosisRoute	Route Of Administration
2-L	ELECTOSMOS	Electro-osmosis	Route Of Administration
1-A	_Enema	Enema	Route Of Administration

2-L	ENEMA	Enema, rectal	Route Of Administration
2-L	RETENEMA	Enema, rectal retention	Route Of Administration
1-A	_Flush	Flush	Route Of Administration
2-L	IVFLUSH	Flush, intravenous catheter	Route Of Administration
1-A	_Implantation	Implantation	Route Of Administration
2-L	IDIMPLNT	Implantation, intradermal	Route Of Administration
2-L	IVITIMPLNT	Implantation, intravitreal	Route Of Administration
2-L	SQIMPLNT	Implantation, subcutaneous	Route Of Administration
1-A	_Infusion	Infusion	Route Of Administration
2-L	EPI	Infusion, epidural	Route Of Administration
2-L	IA	Infusion, intraarterial catheter	Route Of Administration
2-L	IC	Infusion, intracardiac	Route Of Administration
2-L	ICOR	Infusion, intracoronary	Route Of Administration
2-L	IOSSC	Infusion, intraosseous, continuous	Route Of Administration
2-L	IT	Infusion, intrathecal	Route Of Administration
2-S	IV	Infusion, intravenous	Route Of Administration
3-L	IVC	Infusion, intravenous catheter	Route Of Administration
3-L	IVCC	Infusion, intravenous catheter, continuous	Route Of Administration
3-L	IVCI	Infusion, intravenous catheter, intermittent	Route Of Administration
3-L	PCA	Infusion, intravenous catheter, pca pump	Route Of Administration
2-L	IVASCINFUS	Infusion, intravascular	Route Of Administration
2-L	SQINFUS	Infusion, subcutaneous	Route Of Administration
1-A	_Inhalation	Inhalation	Route Of Administration

2-S	IPINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	Route Of Administration
3-L	ORIFINHL	Inhalation, oral intermittent flow	Route Of Administration
3-L	REBREATH	Inhalation, oral rebreather mask	Route Of Administration
2-S	ORINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	Route Of Administration
3-L	ORIFINHL	Inhalation, oral intermittent flow	Route Of Administration
3-L	REBREATH	Inhalation, oral rebreather mask	Route Of Administration
2-S	RESPINHL	Inhalation, respiratory Inhalation, intrapulmonary Inhalation, oral	Route Of Administration
3-L	ORIFINHL	Inhalation, oral intermittent flow	Route Of Administration
3-L	REBREATH	Inhalation, oral rebreather mask	Route Of Administration
2-L	IPPB	Inhalation, intermittent positive pressure breathing (ippb)	Route Of Administration
2-S	NASINHL	Inhalation, nasal	Route Of Administration
3-L	NASINHLC	Inhalation, nasal cannula Inhalation, nasal, prongs	Route Of Administration
3-L	NP	Inhalation, nasal cannula Inhalation, nasal, prongs	Route Of Administration
2-S	NEB	Inhalation, nebulization	Route Of Administration
3-L	NASNEB	Inhalation, nebulization, nasal	Route Of Administration
3-L	ORNEB	Inhalation, nebulization, oral	Route Of Administration
2-L	TRACH	Inhalation, tracheostomy	Route Of Administration
2-L	VENT	Inhalation, ventilator	Route Of Administration
2-L	VENTMASK	Inhalation, ventimask	Route Of Administration
1-A	_Injection	Injection	Route Of Administration
2-L	AMNINJ	Injection, amniotic fluid	Route Of Administration
2-L	BILINJ	Injection, biliary tract	Route Of Administration
2-L	CHOLINJ	Injection, for cholangiography	Route Of Administration

2-L	CERVINJ	Injection, cervical	Route Of Administration
2-L	EPIDURINJ	Injection, epidural	Route Of Administration
2-L	EPIINJ	Injection, epidural, push	Route Of Administration
2-L	EPINJSP	Injection, epidural, slow push	Route Of Administration
2-L	EXTRAMNINJ	Injection, extra-amniotic	Route Of Administration
2-L	EXTCORPINJ	Injection, extracorporeal	Route Of Administration
2-L	GBINJ	Injection, gastric button	Route Of Administration
2-L	GINGINJ	Injection, gingival	Route Of Administration
2-L	BLADINJ	Injection, urinary bladder	Route Of Administration
2-L	ENDOSININJ	Injection, endosinusial	Route Of Administration
2-L	HEMOPORT	Injection, hemodialysis port	Route Of Administration
2-L	IABDINJ	Injection, intra-abdominal	Route Of Administration
2-S	IAINJ	Injection, intraarterial	Route Of Administration
3-L	IAINJP	Injection, intraarterial, push	Route Of Administration
3-L	IAINJSP	Injection, intraarterial, slow push	Route Of Administration
2-L	IARTINJ	Injection, intraarticular	Route Of Administration
2-L	IBURSINJ	Injection, intrabursal	Route Of Administration
2-S	ICARDINJ	Injection, intracardiac	Route Of Administration
3-L	ICARDINJRP	Injection, intracardiac, rapid push	Route Of Administration
3-L	ICARDINJSP	Injection, intracardiac, slow push	Route Of Administration
3-L	ICARINJP	Injection, intracardiac, push	Route Of Administration
2-L	ICARTINJ	Injection, intracartilaginous	Route Of Administration
2-L	ICAUDINJ	Injection, intracaudal	Route Of Administration

2-L	ICAVINJ	Injection, intracavernous	Route Of Administration
2-L	ICAVITINJ	Injection, intracavitary	Route Of Administration
2-L	ICEREBINJ	Injection, intracerebral	Route Of Administration
2-L	ICISTERNINJ	Injection, intracisternal	Route Of Administration
2-S	ICORONINJ	Injection, intracoronary	Route Of Administration
3-L	ICORONINJP	Injection, intracoronary, push	Route Of Administration
2-L	ICORPCAVINJ	Injection, intracorpus cavernosum	Route Of Administration
2-L	IDINJ	Injection, intradermal	Route Of Administration
2-L	IDISCINJ	Injection, intradiscal	Route Of Administration
2-L	IDUCTINJ	Injection, intraductal	Route Of Administration
2-L	IDURINJ	Injection, intradural	Route Of Administration
2-L	IEPIDINJ	Injection, intraepidermal	Route Of Administration
2-L	IEPITHINJ	Injection, intraepithelial	Route Of Administration
2-L	ILESINJ	Injection, intralesional	Route Of Administration
2-L	ILUMINJ	Injection, intraluminal	Route Of Administration
2-L	ILYMPJINJ	Injection, intralymphatic	Route Of Administration
2-S	IM	Injection, intramuscular	Route Of Administration
3-L	IMD	Injection, intramuscular, deep	Route Of Administration
3-L	IMZ	Injection, intramuscular, z track	Route Of Administration
2-L	IMEDULINJ	Injection, intramedullary	Route Of Administration
2-L	INTERMENINJ	Injection, interameningeal	Route Of Administration
2-L	INTERSTITINJ	Injection, interstitial	Route Of Administration
2-L	IOINJ	Injection, intraocular	Route Of Administration

2-L	IOSSINJ	Injection, intraosseous	Route Of Administration
2-L	IOVARINJ	Injection, intraovarian	Route Of Administration
2-L	IPCARDINJ	Injection, intrapericardial	Route Of Administration
2-L	IPERINJ	Injection, intraperitoneal	Route Of Administration
2-L	IPINJ	Injection, intrapulmonary	Route Of Administration
2-L	IPLRINJ	Injection, intrapleural	Route Of Administration
2-L	IPROSTINJ	Injection, intraprostatic	Route Of Administration
2-L	IPUMPINJ	Injection, insulin pump	Route Of Administration
2-L	ISINJ	Injection, intraspinal	Route Of Administration
2-L	ISTERINJ	Injection, intrasternal	Route Of Administration
2-L	ISYNINJ	Injection, intrasynovial	Route Of Administration
2-L	ITENDINJ	Injection, intratendinous	Route Of Administration
2-L	ITESTINJ	Injection, intratesticular	Route Of Administration
2-L	ITHORINJ	Injection, intrathoracic	Route Of Administration
2-L	ITINJ	Injection, intrathecal	Route Of Administration
2-L	ITUBINJ	Injection, intratubular	Route Of Administration
2-L	ITUMINJ	Injection, intratumor	Route Of Administration
2-L	ITYMPINJ	Injection, intratympanic	Route Of Administration
2-L	IUINJ	Injection, intrauterine	Route Of Administration
2-L	IUINJC	Injection, intracervical (uterus)	Route Of Administration
2-L	IURETINJ	Injection, intraureteral, retrograde	Route Of Administration
2-L	IVASCINJ	Injection, intravascular	Route Of Administration
2-L	IVENTINJ	Injection, intraventricular (heart)	Route Of Administration

2-L	IVESINJ	Injection, intravesicle	Route Of Administration
2-S	IVINJ	Injection, intravenous	Route Of Administration
3-L	IVINJBOL	Injection, intravenous, bolus	Route Of Administration
3-L	IVPUSH	Injection, intravenous, push	Route Of Administration
3-L	IVRPUSH	Injection, intravenous, rapid push	Route Of Administration
3-L	IVSPUSH	Injection, intravenous, slow push	Route Of Administration
2-L	IVITINJ	Injection, intravitreal	Route Of Administration
2-L	PAINJ	Injection, periarticular	Route Of Administration
2-L	PARENTINJ	Injection, parenteral	Route Of Administration
2-L	PDONTINJ	Injection, periodontal	Route Of Administration
2-L	PDPINJ	Injection, peritoneal dialysis port	Route Of Administration
2-L	PDURINJ	Injection, peridural	Route Of Administration
2-L	PNINJ	Injection, perineural	Route Of Administration
2-L	PNSINJ	Injection, paranasal sinuses	Route Of Administration
2-L	RBINJ	Injection, retrobulbar	Route Of Administration
2-L	SCINJ	Injection, subconjunctival	Route Of Administration
2-L	SLESINJ	Injection, sublesional	Route Of Administration
2-L	SOFTISINJ	Injection, soft tissue	Route Of Administration
2-L	SQ	Injection, subcutaneous	Route Of Administration
2-L	SUBARACHINJ	Injection, subarachnoid	Route Of Administration
2-L	SUBMUCINJ	Injection, submucosal	Route Of Administration
2-L	TRPLACINJ	Injection, transplacental	Route Of Administration
2-L	TRTRACHINJ	Injection, transtracheal	Route Of Administration

2-L	URETHINJ	Injection, urethral	Route Of Administration
2-L	URETINJ	Injection, ureteral	Route Of Administration
1-A	_Insertion	Insertion	Route Of Administration
2-L	CERVINS	Insertion, cervical (uterine)	Route Of Administration
2-L	IOSURGINS	Insertion, intraocular, surgical	Route Of Administration
2-L	IU	Insertion, intrauterine	Route Of Administration
2-L	LPINS	Insertion, lacrimal puncta	Route Of Administration
2-L	PR	Insertion, rectal	Route Of Administration
2-L	SQSURGINS	Insertion, subcutaneous, surgical	Route Of Administration
2-L	URETHINS	Insertion, urethral	Route Of Administration
2-L	VAGINSI	Insertion, vaginal	Route Of Administration
1-A	_Instillation	Instillation	Route Of Administration
2-L	CECINSTL	Instillation, cecostomy	Route Of Administration
2-L	EFT	Instillation, enteral feeding tube	Route Of Administration
2-L	ENTINSTL	Instillation, enteral	Route Of Administration
2-L	GT	Instillation, gastrostomy tube	Route Of Administration
2-L	NGT	Instillation, nasogastric tube	Route Of Administration
2-L	OGT	Instillation, orogastric tube	Route Of Administration
2-L	BLADINSTL	Instillation, urinary catheter	Route Of Administration
2-L	CAPDINSTL	Instillation, continuous ambulatory peritoneal dialysis port	Route Of Administration
2-L	CTINSTL	Instillation, chest tube	Route Of Administration
2-L	ETINSTL	Instillation, endotracheal tube	Route Of Administration
2-L	GJT	Instillation, gastro-jejunostomy tube	Route Of Administration

2-L	IBRONCHINSTIL	Instillation, intrabronchial	Route Of Administration
2-L	IDUODINSTIL	Instillation, intraduodenal	Route Of Administration
2-L	IESOPHINSTIL	Instillation, intraesophageal	Route Of Administration
2-L	IGASTINSTIL	Instillation, intragastric	Route Of Administration
2-L	IILEALINJ	Instillation, intraileal	Route Of Administration
2-L	IOINSTL	Instillation, intraocular	Route Of Administration
2-L	ISININSTIL	Instillation, intrasinal	Route Of Administration
2-L	ITRACHINSTIL	Instillation, intratracheal	Route Of Administration
2-L	IUINSTL	Instillation, intrauterine	Route Of Administration
2-L	JJTINSTL	Instillation, jejunostomy tube	Route Of Administration
2-L	LARYNGINSTIL	Instillation, laryngeal	Route Of Administration
2-L	NASALINSTIL	Instillation, nasal	Route Of Administration
2-L	NASOGASINSTIL	Instillation, nasogastric	Route Of Administration
2-L	NTT	Instillation, nasotracheal tube	Route Of Administration
2-L	OJJ	Instillation, orojejunum tube	Route Of Administration
2-L	OT	Instillation, otic	Route Of Administration
2-L	PDPINSTL	Instillation, peritoneal dialysis port	Route Of Administration
2-L	PNSINSTL	Instillation, paranasal sinuses	Route Of Administration
2-S	RECINSTL	Instillation, rectal	Route Of Administration
3-L	RECTINSTL	Instillation, rectal tube	Route Of Administration
2-L	SININSTIL	Instillation, sinus, unspecified	Route Of Administration
2-L	SOFTISINSTIL	Instillation, soft tissue	Route Of Administration
2-L	TRACHINSTL	Instillation, tracheostomy	Route Of Administration

2-L	TRTYMPINSTIL	Instillation, transtympanic	Route Of Administration
2-L	URETHINSTL	instillation, urethral	Route Of Administration
1-A	_IontophoresisRoute	IontophoresisRoute	Route Of Administration
2-L	IONTO	Topical application, iontophoresis	Route Of Administration
1-A	_Irrigation	Irrigation	Route Of Administration
2-L	GUIRR	Irrigation, genitourinary	Route Of Administration
2-L	IGASTIRR	Irrigation, intragastric	Route Of Administration
2-L	ILESIRR	Irrigation, intralesional	Route Of Administration
2-L	IOIRR	Irrigation, intraocular	Route Of Administration
2-S	BLADIRR	Irrigation, urinary bladder	Route Of Administration
3-L	BLADIRRC	Irrigation, urinary bladder, continuous	Route Of Administration
3-L	BLADIRRT	Irrigation, urinary bladder, tidal	Route Of Administration
2-L	RECIRR	Irrigation, rectal	Route Of Administration
1-A	_LavageRoute	LavageRoute	Route Of Administration
2-L	IGASTLAV	Lavage, intragastric	Route Of Administration
1-A	_MucosalAbsorptionRoute	MucosalAbsorptionRoute	Route Of Administration
2-L	IDOUDMAB	Mucosal absorption, intraduodenal	Route Of Administration
2-L	ITRACHMAB	Mucosal absorption, intratracheal	Route Of Administration
2-L	SMUCMAB	Mucosal absorption, submucosal	Route Of Administration
1-A	_Nebulization	Nebulization	Route Of Administration
2-L	ETNEB	Nebulization, endotracheal tube	Route Of Administration
1-A	_Rinse	Rinse	Route Of Administration
2-L	DENRINSE	Rinse, dental	Route Of Administration

2-L	ORRINSE	Rinse, oral	Route Of Administration
1-A	_SuppositoryRoute	SuppositoryRoute	Route Of Administration
2-L	URETHSUP	Suppository, urethral	Route Of Administration
1-A	_Swish	Swish	Route Of Administration
2-L	SWISHSPIT	Swish and spit out, oromucosal	Route Of Administration
2-L	SWISHSWAL	Swish and swallow, oromucosal	Route Of Administration
1-A	_TopicalAbsorptionRoute	TopicalAbsorptionRoute	Route Of Administration
2-L	TTYMPTABSORP	Topical absorption, transtympanic	Route Of Administration
1-A	_TopicalApplication	TopicalApplication	Route Of Administration
2-L	DRESS	Topical application, soaked dressing	Route Of Administration
2-L	IONTO	Topical application, iontophoresis	Route Of Administration
2-L	SWAB	Topical application, swab	Route Of Administration
2-L	TOPICAL	Topical	Route Of Administration
2-L	BUC	Topical application, buccal	Route Of Administration
2-L	CERV	Topical application, cervical	Route Of Administration
2-L	DEN	Topical application, dental	Route Of Administration
2-L	GIN	Topical application, gingival	Route Of Administration
2-L	HAIR	Topical application, hair	Route Of Administration
2-L	ICORNTA	Topical application, intracorneal	Route Of Administration
2-L	ICORONTA	Topical application, intracoronal (dental)	Route Of Administration
2-L	IESOPHTA	Topical application, intraesophageal	Route Of Administration
2-L	IILEALTA	Topical application, intraileal	Route Of Administration
2-L	ILTOP	Topical application, intralesional	Route Of Administration

2-L	ILUMTA	Topical application, intraluminal	Route Of Administration
2-L	IOTOP	Topical application, intraocular	Route Of Administration
2-L	LARYNGTA	Topical application, laryngeal	Route Of Administration
2-L	MUC	Topical application, mucous membrane	Route Of Administration
2-L	NAIL	Topical application, nail	Route Of Administration
2-L	NASAL	Topical application, nasal	Route Of Administration
2-L	OPTHALTA	Topical application, ophthalmic	Route Of Administration
2-L	ORALTA	Topical application, oral	Route Of Administration
2-L	ORMUC	Topical application, oromucosal	Route Of Administration
2-L	OROPHARTA	Topical application, oropharyngeal	Route Of Administration
2-L	PERIANAL	Topical application, perianal	Route Of Administration
2-L	PERINEAL	Topical application, perineal	Route Of Administration
2-L	PDONTTA	Topical application, periodontal	Route Of Administration
2-L	RECTAL	Topical application, rectal	Route Of Administration
2-L	SCALP	Topical application, scalp	Route Of Administration
2-L	OCDRESTA	Occlusive dressing technique	Route Of Administration
2-L	SKIN	Topical application, skin	Route Of Administration
2-L	SUBCONJTA	Subconjunctival	Route Of Administration
2-L	TMUCTA	Topical application, transmucosal	Route Of Administration
2-L	VAGINS	Topical application, vaginal	Route Of Administration
1-L	INSUF	Insufflation	Route Of Administration
1-S	TRNSDERM	Transdermal	Route Of Administration
2-L	TRNSDERMD	Diffusion, transdermal	Route Of Administration

1-S	TRNSDERM	Transdermal	Route Of Administration
2-L	TRNSDERMD	Diffusion, transdermal	Route Of Administration
1-A	_AmnioticFluidSacRoute	AmnioticFluidSacRoute	Route Of Administration
2-L	AMNINJ	Injection, amniotic fluid	Route Of Administration
1-A	_BiliaryRoute	BiliaryRoute	Route Of Administration
2-L	BILINJ	Injection, biliary tract	Route Of Administration
2-L	CHOLINJ	Injection, for cholangiography	Route Of Administration
1-A	_BodySurfaceRoute	BodySurfaceRoute	Route Of Administration
2-L	DRESS	Topical application, soaked dressing	Route Of Administration
2-L	ELECTOSMOS	Electro-osmosis	Route Of Administration
2-L	IONTO	Topical application, iontophoresis	Route Of Administration
2-L	SOAK	Immersion (soak)	Route Of Administration
2-L	SWAB	Topical application, swab	Route Of Administration
2-L	TOPICAL	Topical	Route Of Administration
1-A	_BuccalMucosaRoute	BuccalMucosaRoute	Route Of Administration
2-L	BUC	Topical application, buccal	Route Of Administration
1-A	_CecostomyRoute	CecostomyRoute	Route Of Administration
2-L	CECINSTL	Instillation, cecostomy	Route Of Administration
1-A	_CervicalRoute	CervicalRoute	Route Of Administration
2-L	CERV	Topical application, cervical	Route Of Administration
2-L	CERVINJ	Injection, cervical	Route Of Administration
2-L	CERVINS	Insertion, cervical (uterine)	Route Of Administration
2-L	DEN	Topical application, dental	Route Of Administration

2-L	DENRINSE	Rinse, dental	Route Of Administration
1-A	_EndocervicalRoute	EndocervicalRoute	Route Of Administration
2-L	AMNINJ	Injection, amniotic fluid	Route Of Administration
2-L	BILINJ	Injection, biliary tract	Route Of Administration
1-A	_EnteralRoute	EnteralRoute	Route Of Administration
2-L	EFT	Instillation, enteral feeding tube	Route Of Administration
2-L	ENTINSTL	Instillation, enteral	Route Of Administration
1-A	_EpiduralRoute	EpiduralRoute	Route Of Administration
2-L	EPI	Infusion, epidural	Route Of Administration
2-L	EPIDURINJ	Injection, epidural	Route Of Administration
2-L	EPIINJ	Injection, epidural, push	Route Of Administration
2-L	EPINJSP	Injection, epidural, slow push	Route Of Administration
1-A	_ExtraAmnioticRoute	ExtraAmnioticRoute	Route Of Administration
2-L	EXTRAMNINJ	Injection, extra-amniotic	Route Of Administration
1-A	_ExtracorporealCirculationRoute	ExtracorporealCirculationRoute	Route Of Administration
2-L	EXTCORPDIF	Diffusion, extracorporeal	Route Of Administration
2-L	EXTCORPINJ	Injection, extracorporeal	Route Of Administration
1-A	_GastricRoute	GastricRoute	Route Of Administration
2-L	GBINJ	Injection, gastric button	Route Of Administration
2-L	GT	Instillation, gastrostomy tube	Route Of Administration
2-L	NGT	Instillation, nasogastric tube	Route Of Administration
2-L	OGT	Instillation, orogastric tube	Route Of Administration
1-A	_GenitourinaryRoute	GenitourinaryRoute	Route Of Administration

2-L	GUIRR	Irrigation, genitourinary	Route Of Administration
1-A	_GingivalRoute	GingivalRoute	Route Of Administration
2-L	GIN	Topical application, gingival	Route Of Administration
2-L	GINGINJ	Injection, gingival	Route Of Administration
1-A	_HairRoute	HairRoute	Route Of Administration
2-L	HAIR	Topical application, hair	Route Of Administration
2-L	SHAMPOO	Shampoo	Route Of Administration
1-A	_InterameningealRoute	InterameningealRoute	Route Of Administration
2-L	INTERMENINJ	Injection, interameningeal	Route Of Administration
1-A	_InterstitialRoute	InterstitialRoute	Route Of Administration
2-L	INTERSTITINJ	Injection, interstitial	Route Of Administration
1-A	_IntraabdominalRoute	IntraabdominalRoute	Route Of Administration
2-L	IABDINJ	Injection, intra-abdominal	Route Of Administration
1-A	_IntraarterialRoute	IntraarterialRoute	Route Of Administration
2-L	IA	Infusion, intraarterial catheter	Route Of Administration
2-S	IAINJ	Injection, intraarterial	Route Of Administration
3-L	IAINJP	Injection, intraarterial, push	Route Of Administration
3-L	IAINJSP	Injection, intraarterial, slow push	Route Of Administration
1-A	_IntraarticularRoute	IntraarticularRoute	Route Of Administration
2-L	IARTINJ	Injection, intraarticular	Route Of Administration
1-A	_IntrabronchialRoute	IntrabronchialRoute	Route Of Administration
2-L	IBRONCHINSTIL	Instillation, intrabronchial	Route Of Administration
1-A	_IntrabursalRoute	IntrabursalRoute	Route Of Administration

2-L	IBURSINJ	Injection, intrabursal	Route Of Administration
1-A	_IntracardiacRoute	IntracardiacRoute	Route Of Administration
2-L	IC	Infusion, intracardiac	Route Of Administration
2-S	ICARDINJ	Injection, intracardiac	Route Of Administration
3-L	ICARDINJRP	Injection, intracardiac, rapid push	Route Of Administration
3-L	ICARDINJSP	Injection, intracardiac, slow push	Route Of Administration
3-L	ICARINJP	Injection, intracardiac, push	Route Of Administration
1-A	_IntracartilaginousRoute	IntracartilaginousRoute	Route Of Administration
2-L	ICARTINJ	Injection, intracartilaginous	Route Of Administration
1-A	_IntracaudalRoute	IntracaudalRoute	Route Of Administration
2-L	ICAUDINJ	Injection, intracaudal	Route Of Administration
1-A	_IntracavernosalRoute	IntracavernosalRoute	Route Of Administration
2-L	ICAVINJ	Injection, intracavernous	Route Of Administration
1-A	_IntracavitaryRoute	IntracavitaryRoute	Route Of Administration
2-L	ICAVITINJ	Injection, intracavitary	Route Of Administration
1-A	_IntracerebralRoute	IntracerebralRoute	Route Of Administration
2-L	ICEREBINJ	Injection, intracerebral	Route Of Administration
1-A	_IntracervicalRoute	IntracervicalRoute	Route Of Administration
2-L	IUINJC	Injection, intracervical (uterus)	Route Of Administration
1-A	_IntracisternalRoute	IntracisternalRoute	Route Of Administration
2-L	ICISTERNINJ	Injection, intracisternal	Route Of Administration
1-A	_IntracornealRoute	IntracornealRoute	Route Of Administration
2-L	ICORNTA	Topical application, intracorneal	Route Of Administration

1-A	_IntracoronalRoute	IntracoronalRoute	Route Of Administration
2-L	ICORONTA	Topical application, intracoronal (dental)	Route Of Administration
1-A	_IntracoronaryRoute	IntracoronaryRoute	Route Of Administration
2-L	ICOR	Infusion, intracoronary	Route Of Administration
2-S	ICORONINJ	Injection, intracoronary	Route Of Administration
3-L	ICORONINJP	Injection, intracoronary, push	Route Of Administration
1-A	_IntracorpusCavernosumRoute	IntracorpusCavernosumRoute	Route Of Administration
2-L	ICORPCAVINJ	Injection, intracorpus cavernosum	Route Of Administration
1-A	_IntradermalRoute	IntradermalRoute	Route Of Administration
2-L	IDIMPLNT	Implantation, intradermal	Route Of Administration
2-L	IDINJ	Injection, intradermal	Route Of Administration
1-A	_IntradiscalRoute	IntradiscalRoute	Route Of Administration
2-L	IDISCINJ	Injection, intradiscal	Route Of Administration
1-A	_IntraductalRoute	IntraductalRoute	Route Of Administration
2-L	IDUCTINJ	Injection, intraductal	Route Of Administration
1-A	_IntraduodenalRoute	IntraduodenalRoute	Route Of Administration
2-L	IDUODINSTIL	Instillation, intraduodenal	Route Of Administration
2-L	IDOUDMAB	Mucosal absorption, intraduodenal	Route Of Administration
1-A	_IntraduralRoute	IntraduralRoute	Route Of Administration
2-L	IDURINJ	Injection, intradural	Route Of Administration
1-A	_IntraepidermalRoute	IntraepidermalRoute	Route Of Administration
2-L	IEPIDINJ	Injection, intraepidermal	Route Of Administration
1-A	_IntraepithelialRoute	IntraepithelialRoute	Route Of Administration

2-L	IEPITHINJ	Injection, intraepithelial	Route Of Administration
1-A	_IntraesophagealRoute	IntraesophagealRoute	Route Of Administration
2-L	IESOPHINSTIL	Instillation, intraesophageal	Route Of Administration
2-L	IESOPHTA	Topical application, intraesophageal	Route Of Administration
1-A	_IntragastricRoute	IntragastricRoute	Route Of Administration
2-L	IGASTINSTIL	Instillation, intragastric	Route Of Administration
2-L	IGASTIRR	Irrigation, intragastric	Route Of Administration
2-L	IGASTLAV	Lavage, intragastric	Route Of Administration
1-A	_IntrailealRoute	IntrailealRoute	Route Of Administration
2-L	IILEALINJ	Instillation, intraileal	Route Of Administration
2-L	IILEALTA	Topical application, intraileal	Route Of Administration
1-A	_IntralesionalRoute	IntralesionalRoute	Route Of Administration
2-L	ILESINJ	Injection, intralesional	Route Of Administration
2-L	ILESIRR	Irrigation, intralesional	Route Of Administration
2-L	ILTOP	Topical application, intralesional	Route Of Administration
1-A	_IntraluminalRoute	IntraluminalRoute	Route Of Administration
2-L	ILUMINJ	Injection, intraluminal	Route Of Administration
2-L	ILUMTA	Topical application, intraluminal	Route Of Administration
1-A	_IntralymphaticRoute	IntralymphaticRoute	Route Of Administration
2-L	ILYMPJINJ	Injection, intralymphatic	Route Of Administration
1-A	_IntramedullaryRoute	IntramedullaryRoute	Route Of Administration
2-L	IMEDULINJ	Injection, intramedullary	Route Of Administration
1-A	_IntramuscularRoute	IntramuscularRoute	Route Of Administration

2-S	IM	Injection, intramuscular	Route Of Administration
3-L	IMD	Injection, intramuscular, deep	Route Of Administration
3-L	IMZ	Injection, intramuscular, z track	Route Of Administration
1-A	_IntraocularRoute	IntraocularRoute	Route Of Administration
2-L	IOINJ	Injection, intraocular	Route Of Administration
2-L	IOSURGINS	Insertion, intraocular, surgical	Route Of Administration
2-L	IOINSTL	Instillation, intraocular	Route Of Administration
2-L	IOIRR	Irrigation, intraocular	Route Of Administration
2-L	IOTOP	Topical application, intraocular	Route Of Administration
1-A	_IntraosseousRoute	IntraosseousRoute	Route Of Administration
2-L	IOSSC	Infusion, intraosseous, continuous	Route Of Administration
2-L	IOSSINJ	Injection, intraosseous	Route Of Administration
1-A	_IntraovarianRoute	IntraovarianRoute	Route Of Administration
2-L	IOVARINJ	Injection, intraovarian	Route Of Administration
1-A	_IntrapericardialRoute	IntrapericardialRoute	Route Of Administration
2-L	IPCARDINJ	Injection, intrapericardial	Route Of Administration
1-A	_IntraperitonealRoute	IntraperitonealRoute	Route Of Administration
2-L	IPERINJ	Injection, intraperitoneal	Route Of Administration
2-L	PDPINJ	Injection, peritoneal dialysis port	Route Of Administration
2-L	CAPDINSTL	Instillation, continuous ambulatory peritoneal dialysis port	Route Of Administration
2-L	PDPINSTL	Instillation, peritoneal dialysis port	Route Of Administration
1-A	_IntrapleuralRoute	IntrapleuralRoute	Route Of Administration
2-L	IPLRINJ	Injection, intrapleural	Route Of Administration

2-L	CTINSTL	Instillation, chest tube	Route Of Administration
1-A	_IntraprostaticRoute	IntraprostaticRoute	Route Of Administration
2-L	IPROSTINJ	Injection, intraprostatic	Route Of Administration
1-A	_IntrapulmonaryRoute	IntrapulmonaryRoute	Route Of Administration
2-L	EXTCORPINJ	Injection, extracorporeal	Route Of Administration
2-L	IPINJ	Injection, intrapulmonary	Route Of Administration
1-A	_IntrasinalRoute	IntrasinalRoute	Route Of Administration
2-L	ISININSTIL	Instillation, intrasinal	Route Of Administration
1-A	_IntraspinalRoute	IntraspinalRoute	Route Of Administration
2-L	ISINJ	Injection, intraspinal	Route Of Administration
1-A	_IntrasternalRoute	IntrasternalRoute	Route Of Administration
2-L	ISTERINJ	Injection, intrasternal	Route Of Administration
1-A	_IntrasynovialRoute	IntrasynovialRoute	Route Of Administration
2-L	ISYNINJ	Injection, intrasynovial	Route Of Administration
1-A	_IntratendinousRoute	IntratendinousRoute	Route Of Administration
2-L	ITENDINJ	Injection, intratendinous	Route Of Administration
1-A	_IntratesticularRoute	IntratesticularRoute	Route Of Administration
2-L	ITESTINJ	Injection, intratesticular	Route Of Administration
1-A	_IntrathecalRoute	IntrathecalRoute	Route Of Administration
2-L	IT	Infusion, intrathecal	Route Of Administration
2-L	ITINJ	Injection, intrathecal	Route Of Administration
1-A	_IntrathoracicRoute	IntrathoracicRoute	Route Of Administration
2-L	ITHORINJ	Injection, intrathoracic	Route Of Administration

1-A	_IntratrachealRoute	IntratrachealRoute	Route Of Administration
2-L	ITRACHINSTIL	Instillation, intratracheal	Route Of Administration
2-L	ITRACHMAB	Mucosal absorption, intratracheal	Route Of Administration
1-A	_IntratubularRoute	IntratubularRoute	Route Of Administration
2-L	ITUBINJ	Injection, intratubular	Route Of Administration
1-A	_IntratumorRoute	IntratumorRoute	Route Of Administration
2-L	ITUMINJ	Injection, intratumor	Route Of Administration
1-A	_IntratympanicRoute	IntratympanicRoute	Route Of Administration
2-L	ITYMPINJ	Injection, intratympanic	Route Of Administration
1-A	_IntrauterineRoute	IntrauterineRoute	Route Of Administration
2-L	IUINJ	Injection, intrauterine	Route Of Administration
2-L	IURETINJ	Injection, intraureteral, retrograde	Route Of Administration
2-L	IU	Insertion, intrauterine	Route Of Administration
2-L	IUINSTL	Instillation, intrauterine	Route Of Administration
1-A	_IntravascularRoute	IntravascularRoute	Route Of Administration
2-L	HEMODIFF	Diffusion, hemodialysis	Route Of Administration
2-L	IVASCINFUS	Infusion, intravascular	Route Of Administration
2-L	HEMOPORT	Injection, hemodialysis port	Route Of Administration
2-L	IVASCINJ	Injection, intravascular	Route Of Administration
1-A	_IntravenousRoute	IntravenousRoute	Route Of Administration
2-L	IVFLUSH	Flush, intravenous catheter	Route Of Administration
2-S	IVINJ	Injection, intravenous	Route Of Administration
3-L	IVINJBOL	Injection, intravenous, bolus	Route Of Administration

3-L	IVPUSH	Injection, intravenous, push	Route Of Administration
3-L	IVRPUSH	Injection, intravenous, rapid push	Route Of Administration
3-L	IVSPUSH	Injection, intravenous, slow push	Route Of Administration
1-A	_IntraventricularRoute	IntraventricularRoute	Route Of Administration
2-L	IVENTINJ	Injection, intraventricular (heart)	Route Of Administration
1-A	_IntravesicleRoute	IntravesicleRoute	Route Of Administration
2-L	IVESINJ	Injection, intravesicle	Route Of Administration
1-A	_IntravitrealRoute	IntravitrealRoute	Route Of Administration
2-L	IVITINJ	Injection, intravitreal	Route Of Administration
1-A	_JejunumRoute	JejunumRoute	Route Of Administration
2-L	GJT	Instillation, gastro-jejunostomy tube	Route Of Administration
2-L	JJTINSTL	Instillation, jejunostomy tube	Route Of Administration
2-L	OJJ	Instillation, orojejunum tube	Route Of Administration
1-A	_LacrimalPunctaRoute	LacrimalPunctaRoute	Route Of Administration
2-L	LPINS	Insertion, lacrimal puncta	Route Of Administration
1-A	_LaryngealRoute	LaryngealRoute	Route Of Administration
2-L	LARYNGINSTIL	Instillation, laryngeal	Route Of Administration
2-L	LARYNGTA	Topical application, laryngeal	Route Of Administration
1-A	_LingualRoute	LingualRoute	Route Of Administration

This value set has 644 codes in it. In order to keep the publication size manageable, only a selection (500 codes) of the whole set of codes is shown.

0-L	NA	not applicable	Null Flavor

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.27 SeverityObservation

Id	2.16.840.1.113883.1.11.16643 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	SeverityObservation	**Display Name**	SeverityObservation
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Potential values for observations of severity.		
Source Code System	2.16.840.1.113883.5.1063 - *Observation Value*		

Level/ Type	Code	Display Name	Code System
1-L	H	High	Observation Value
1-L	L	Low	Observation Value
1-L	M	Moderate	Observation Value

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.28 Special Case Allergies/Intolerances

Id	2.16.756.5.30.1.1.11.68	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	SpecialCaseAllergiesIntolerances	**Display Name**	Special Case Allergies/Intolerances
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Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*

Level/ Type	Code	Display Name	Code System
0-L	64970000	Substance Type Unknown	SNOMED Clinical Terms
0-L	160244002	No Known Allergies	SNOMED Clinical Terms
0-L	409137002	No Known Drug Allergies	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.29 Special Case Medication

Id	2.16.756.5.30.1.1.11.69	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	SpecialCaseMedication	**Display Name**	Special Case Medication
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Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System
0-L	182904002	Drug Treatment Unknown	SNOMED Clinical Terms
0-L	182849000	No Drug Therapy Prescribed	SNOMED Clinical Terms
0-L	408350003	Patient Not On Self-Medications	SNOMED Clinical Terms
0-L	406149000	Medication refused, Patient Objective	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.30 Special Case Problems

Id	2.16.756.5.30.1.1.11.74	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	SpecialCaseProblems	**Display Name**	Special Case Problems
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Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System
0-L	160243008	No Significant Medical History	SNOMED Clinical Terms
0-L	160245001	No current problems or disability	SNOMED Clinical Terms
0-L	396782006	History of Past Illness unknown	SNOMED Clinical Terms
0-L	407559004	Family History Unknown	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.31 Swiss Vaccination Plan Complication Risks

Id	2.16.756.5.30.1.1.11.72	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	SwissVaccinationPlanComplicationRisks	**Display Name**	Swiss Vaccination Plan Complication Risks
Source Code System	2.16.756.5.30.1.127.3.3.1 - *ehealthsuisse-codesystem-1*		

Level/ Type	Code	Display Name	Code System
0-L	113001	ANATOMISCHE_ODER_FUNKTIONELLE_ASPLENIE	ehealthsuisse-codesyster
0-L	114036	ANDERE_LEBERERKRANKUNG	ehealthsuisse-codesyster
0-L	114006	ANDERE_LUNGENERKRANKUNGEN_ZB_MUKOVISZIDOSE_ASTHMA_BRONCHIALE_ETC	ehealthsuisse-codesyster
0-L	114033	ANDERE_NIERENERKRANKUNG	ehealthsuisse-codesyster
0-L	114034	ANDERER_KREBS	ehealthsuisse-codesyster
0-L	114025	ANGEBORENE_IMMUNDEFIZIENZ_VARIABLES_IMMUNDEFEKTSYNDROM_DEFIZITAERE_ANTWORT_AUF_POLYSACCHARIDE	ehealthsuisse-codesyster
0-L	114021	AUTOIMMUNKRANKHEIT_WELCHE_EINE_IMMUNSUPPRESSION_ERFORDERT	ehealthsuisse-codesyster
0-L	114005	BRONCHIEKTASEN_DURCH_ANTIKOERPERMANGEL	ehealthsuisse-codesyster
0-L	114003	CHRONISCH_OBSTRUKTIVE_PNEUMOPATHIE	ehealthsuisse-codesyster
0-L	114007	CHRONISCHE_LEBERERKRANKUNG	ehealthsuisse-codesyster
0-L	113002	COCHLEAIMPLANTAT_IN_SITU_ODER_GEPLANT	ehealthsuisse-codesyster
0-L	114015	DIABETES_MIT_AUSWIRKUNG_AUF_DIE_FUNKTION_VON_HERZ_LUNGEN_ODER_NIEREN	ehealthsuisse-codesyster
0-L	114019	EMPFAENGER_EINER_SOLIDORGANTRANSPLANTATION	ehealthsuisse-codesyster
0-L	114020	EMPFAENGER_EINER_STAMMZELLTRANSPLANTATION	ehealthsuisse-codesyster
0-L	113004	GEBURT_VOR_DER_33_SCHWANGERSCHAFTSWOCHE_ODER_GEBURTSGEWICHT_GROESSER_1500G	ehealthsuisse-codesyster
0-L	114037	HAEMODIALYSEPATIENT	ehealthsuisse-codesyster
0-L	114038	HAEMOPHILIE_PATIENT	ehealthsuisse-codesyster
0-L	114001	HERZINSUFFIZIENZ	ehealthsuisse-codesyster
0-L	113007	HERZKRANKHEITEN_CHRONISCHE_KONGENITALE_MISSBILDUNGEN	ehealthsuisse-codesyster
0-L	113008	HIV_INFEKTION_MIT_CD4_ZELLEN_GROESSER_GLEICH_15_PROZENT_ERWACHSENE_GROESSER_GLEICH_200_PRO_UL	ehealthsuisse-codesyster
0-L	113009	HIV_INFEKTION_MIT_CD4_ZELLEN_KLEINER_15_PROZENT_ERWACHSENE_KLEINER_200_PRO_UL	ehealthsuisse-codesyster
0-L	114018	KANDIDATEN_FUER_EINE_SOLIDORGANTRANSPLANTATION	ehealthsuisse-codesyster

0-L	114002	KARDIOPATHIE	ehealthsuisse-codesyster
0-L	114008	LEBERZIRRHOSE	ehealthsuisse-codesyster
0-L	113012	LYMPHOM_LEUKAEMIE_MYELOM	ehealthsuisse-codesyster
0-L	118001	LYMPHOM_LEUKAEMIE_MYELOM_WAEHREND_KLINISCHER_REMISSION	ehealthsuisse-codesyster
0-L	113014	MANGEL_AN_MANNOSE_BINDENDEM_LEKTIN	ehealthsuisse-codesyster
0-L	114026	MANGEL_IM_KLASSISCHEN_ODER_ALTERNATIVEN_WEG_DER_KOMPLEMENTAKTIVIERUNG	ehealthsuisse-codesyster
0-L	114022	MEDIKAMENTOESE_IMMUNOSUPPRESSION_INKL_SYSTEMISCHE_LANGZEITKORTIKOIDTHERAPIE_UND_RADIOTHERAPIE	ehealthsuisse-codesyster
0-L	114016	MORBIDE_ADIPOSITAS_BMI_GROESSER_40	ehealthsuisse-codesyster
0-L	113018	NEPHROTISCHES_SYNDROM	ehealthsuisse-codesyster
0-L	114012	NEUROMUSKULAERE_KRANKHEIT_FALLS_AUSWIRKUNGEN_AUF_HERZ__LUNGEN_ODER_NIERENFUNKTION	ehealthsuisse-codesyster
0-L	113023	NIERENINSUFFIZIENZ	ehealthsuisse-codesyster
0-L	114035	PROTEIN_S_ODER_PROTEIN_C_DEFIZIT	ehealthsuisse-codesyster
0-L	114032	SCHAEDELBASISFRAKTUR_MISSBILDUNG_ZEREBROSPINALE_LIQUORFISTEL	ehealthsuisse-codesyster
0-L	114028	SCHWANGERSCHAFT_UND_POST_PARTUM_PERIODE	ehealthsuisse-codesyster
0-L	113021	SCHWERE_NEURODERMITIS_BEIM_KIND	ehealthsuisse-codesyster
0-L	114004	SCHWERES_ASTHMA_BEI_VERLAENGERTER_ODER_HAEUFIGER_BEHANDLUNG_MIT_ORALEN_STEROIDEN	ehealthsuisse-codesyster
0-L	114014	SICHELZELLANAEMIE	ehealthsuisse-codesyster

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.32 Swiss Vaccination Plan Exposure Risks

Id	2.16.756.5.30.1.1.11.73	**Effective Date**	
Status	Under pre-publication review	**Version Label**	

Name	SwissVaccinationPlanExposureRisks	Display Name	
Source Code System	2.16.756.5.30.1.127.3.3.2 - *ehealthsuisse-codesystem-2*		

Level/ Type	Code	Display Name
0-L	213001	BESCHAEFTIGTE_IM_GESUNDHEITSWESEN
0-L	213028	ENGE_KONTAKTPERSONEN_VON_MENINGOKOKKEN_ERKRANKTEN
0-L	213003	ERWACHSENE_UND_KINDER_AB_6_JAHREN_DIE_IN_ENDEMIEGEBIET_WOHNEN_ODER_SICH_TEILWEISE_DORT_AUFHALTEN
0-L	213005	FAMILIENANGEHOERIGE_VON_PERSONEN_MIT_EINEM_ERHOEHTEN_RISIKO
0-L	213006	FLEDERMAUSFORSCHER_UND_SCHUETZER
0-L	213007	GEISTIG_BEHINDERTE_PERSONEN_IN_HEIMEN_UND_DEREN_BETREUERINNEN
0-L	213010	KANALISATIONSARBEITER_UND_ANGESTELLTE_VON_KLAERANLAGEN
0-L	213011	KINDER_AUS_LAENDERN_MIT_MITTLERER_UND_HOHER_ENDEMIZITAET_DIE_IN_DER_SCHWEIZ_LEBEN_UND_FUER_EINEN_VORUEBERGEHENDEN
0-L	213031	KINDERKRIPPE_HORT_VOR_5_MONATEN
0-L	213012	KONSUMENTEN_VON_INJIZIERBAREN_DROGEN_UND_DEREN_KONTAKTPERSONEN
0-L	213032	KONTAKTPERSONEN_VON_EINER_SCHWANGEREN_FRAU
0-L	213027	KONTAKTPERSONEN_VON_HEPATITIS_A_ERKRANKTEN
0-L	213026	KONTAKTPERSONEN_VON_HEPATITIS_B_ERKRANKTEN
0-L	213030	LABORPERSONAL_MIT_BAKTERIEN_EXPOSITIONSRISIKO
0-L	213029	LABORPERSONAL_MIT_VIRUS_EXPOSITIONSRISIKO
0-L	213014	MAENNER_DIE_MIT_MAENNERN_GESCHLECHTSVERKEHR_HABEN
0-L	213033	MITARBEITENDE_VON_KINDERKRIPPEN
0-L	213024	NEUGEBORENE_UND_SAEUGLINGE_UNTER_12_MONATEN_AUS_LAENDERN_MIT_HOHER_TUBERKULOSE_PRAEVALENZ_DIE_WAHRSCHEINLICH_W
0-L	213025	NEUGEBORENE_VON_HBSAG_POSITIVEN_MUETTERN
0-L	213015	PATIENTINNEN_UND_PATIENTEN_IN_PFLEGEHEIMEN_UND_IN_EINRICHTUNGEN_FUER_PERSONEN_MIT_CHRONISCHEN_ERKRANKUNGEN

0-L	213016	PERSONEN_AUS_LAENDERN_MIT_HOHER_ODER_INTERMEDIAERER_HEPATITIS_B_ENDEMIZITAET
0-L	213017	PERSONEN_MIT_EINER_SEXUELL_UEBERTRAGBAREN_KRANKHEIT
0-L	213018	PERSONEN_MIT_ENGEM_KONTAKT_ZU_PERSONEN_AUS_LAENDERN_MIT_HOHER_ENDEMIZITAET
0-L	213019	PERSONEN_MIT_HAEUFIG_WECHSELNDEN_SEXUALPARTNERN
0-L	213020	PERSONEN_MIT_REGELMAESSIGEM_KONTAKT_BERUFLICH_ODER_FAMILIAER_ZU_SAEUGLINGEN_UNTER_6_MONATEN_ODER_SCHWANGERE_FR
0-L	213021	REKRUTEN_MILITAER
0-L	213022	SOZIALARBEITER_GEFAENGNISPERSONAL_UND_POLIZEIANGESTELLTE_MIT_HAEUFIGEM_KONTAKT_ZU_KONSUMENTEN_VON_INJIZIERBAREN_DR
0-L	213023	TIERAERZTE_INKL_STUDENTEN_PRAXISANGESTELLTE

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.33 Swiss Vaccination Plan Immunizations

Id	2.16.756.5.30.1.1.11.71	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	SwissVaccinationPlanImmunizations	**Display Name**	Swiss Vaccination Plan Immunizations
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Source Code System	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms*		

Level/ Type	Code	Display Name	Code System
0-L	42284007	BCG vaccination	SNOMED Clinical Terms
0-L	76668005	Diphtheria vaccination (procedure)	SNOMED Clinical Terms

0-L	127787002	Haemophilus influenzae type b vaccination (procedure)	SNOMED Clinical Terms
0-L	243789007	Hepatitis A immunization (procedure)	SNOMED Clinical Terms
0-L	16584000	Hepatitis B vaccination (procedure)	SNOMED Clinical Terms
0-L	86198006	Influenza vaccination (procedure)	SNOMED Clinical Terms
0-L	314759000	Japanese encephalitis vaccination (procedure)	SNOMED Clinical Terms
0-L	47435007	Measles vaccination (procedure)	SNOMED Clinical Terms
0-L	41088001	Meningococcus vaccination (procedure)	SNOMED Clinical Terms
0-L	50583002	Mumps vaccination (procedure)	SNOMED Clinical Terms
0-L	428570002	Vaccination for human papillomavirus (procedure)	SNOMED Clinical Terms
0-L	39343008	Pertussis vaccination (procedure)	SNOMED Clinical Terms
0-L	12866006	Pneumococcal vaccination (procedure)	SNOMED Clinical Terms
0-L	72093006	Poliomyelitis vaccination (procedure)	SNOMED Clinical Terms
0-L	34631000	Rabies vaccination (procedure)	SNOMED Clinical Terms
0-L	82314000	Rubella vaccination (procedure)	SNOMED Clinical Terms
0-L	127786006	Tetanus vaccination (procedure)	SNOMED Clinical Terms
0-L	281658005	Tick-borne encephalitis vaccination (procedure)	SNOMED Clinical Terms
0-L	30338008	Typhus vaccination (procedure)	SNOMED Clinical Terms
0-L	68525005	Varicella vaccination (procedure)	SNOMED Clinical Terms
0-L	67308009	Yellow fever vaccination (procedure)	SNOMED Clinical Terms

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.34 Swiss Vaccination Plan Recommendation Category

Id	2.16.756.5.30.1.1.11.70	**Effective Date**	2018-04-19
Status	Under pre-publication review	**Version Label**	2018
Name	SwissVaccinationPlanRecommendationCategory	**Display Name**	Swiss Vaccination Plan Recommendation Category
Source Code System	2.16.756.5.30.1.127.3.3.4 - *ehealthsuisse-codesystem-4*		

Level/ Type	Code	Display Name	Code System	Designations
0-L	41501	REC_BASE	ehealthsuisse-codesystem-4	
0-L	41502	REC_COMPL	ehealthsuisse-codesystem-4	
0-L	41504	REC_NONE	ehealthsuisse-codesystem-4	
0-L	41503	REC_RISK	ehealthsuisse-codesystem-4	

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

1.2.35 x_InformationRecipient

Id	2.16.840.1.113883.1.11.19366 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	x_InformationRecipient	**Display Name**	x_InformationRecipient
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Used to represent participant(s) who should receive a copy of a document.		
Source Code System	2.16.840.1.113883.5.90 - *ParticipationType*		

Level/ Type	Code	Display Name	Code System
0-L	PRCP	primary information recipient	ParticipationType
0-L	TRC	tracker	ParticipationType

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.