



SR 816.111

Ergänzung 3 zu Anhang 4 der Verordnung des EDI vom 22. März 2017 über das elektronische Patientendossier

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## Austauschformat nach Artikel 4 Absatz 1 EPDV-EDI

### eLaborbefund

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Ausgabe 1: 04. Juli 2017 Fassung für Vernehmlassung  
Inkrafttreten: ...

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# 1. Templates










## 1.1. CDA Document Level Templates

### 1.1.1. Laboratory Report V1

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1	<b>Effective Date</b>	valid from 2016-03-23
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA-CH-LREP-V1	<b>Display Name</b>	Laboratory Report V1
<b>Description</b>	Laboratory report		
<b>Context</b>	Pathname /		
<b>Classification</b>	CDA Document Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		

**Used by / Uses**

Used by 0 transactions and 0 templates, Uses 25 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.25	Include	 Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.1.3.9.1.10.2.1	Include	 Document Templates (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.23	Include	 Document Id (2017)	DYNAMIC
2.16.756.5.30.1.1.1.3.9.1.10.2.2	Include	 Document Code (2017)	DYNAMIC
2.16.756.5.30.1.1.1.3.9.1.10.2.8	Include	 Document Title (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include	 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	 Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.1.3.9.1.10.2.4	Include	 Patient (recordTarget) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.26	Include	 Non-Human Subject (recordTarget) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.27	Include	 Human Patient with Non-Human Subject (recordTarget) (2017)	DYNAMIC
2.16.756.5.30.1.1.1.3.9.1.10.2.5	Include	 Author (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.7	Include	 Data Enterer (2017)	DYNAMIC

2.16.756.5.30.1.1.1.1.3.9.1.10.2.6	Include	Custodian (2017)	DYNAMIC
2.16.756.5.30.1.1.1.1.3.9.1.10.2.3	Include	Recipient (2017)	DYNAMIC
2.16.756.5.30.1.1.1.1.3.9.1.10.2.7	Include	Legal Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include	Order reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.28	Include	Laboratory Performer (documentationOf) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.15	Include	Insurance (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.13	Include	Document Replacement (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section (2017)	DYNAMIC
2.16.756.5.30.1.1.10.3.4	Containment	Coded Vital Signs Section (2017)	DYNAMIC
2.16.756.5.30.1.127.10.3.5	Containment	Coded Results	DYNAMIC

**Relationship**  
 Specialization: template 2.16.840.1.113883.10.12.2 (DYNAMIC)  
 Specialization: template 1.3.6.1.4.1.19376.1.3.3 (DYNAMIC)  
 Specialization: template 2.16.756.5.30.1.1.1.1.4 (DYNAMIC)

Item	DT	Card	Conf	Description	Label
<b>h17:ClinicalDocument</b>		<b>1 ... 1</b>	<b>M</b>		(CDA-CH-LREP-V1)
	Variable let	Name	languageCode		
		Value	substring(cda:ClinicalDocument/cda:languageCode/@code,1,2)		
Included		<b>1 ... 1</b>	<b>M</b>	from 2.16.756.5.30.1.1.10.2.25 <i>Realm</i> (DYNAMIC)	
└ <b>h17:realmCode</b>	CS	<b>1 ... 1</b>	<b>M</b>		(CDA-CH-LREP-V1)
└ @code	CONF	<b>1 ... 1</b>	<b>F</b>	CHE	
└ <b>h17:typeId</b>	II	<b>1 ... 1</b>	<b>M</b>		(CDA-CH-LREP-V1)
└ @root	uid	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.1.3	
└ @extension	st	<b>1 ... 1</b>	<b>F</b>	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.1.1.3.9.1.10.2.1 <i>Document Templates</i> (DYNAMIC)	

└ h17:templateId	II	1 ... 1	R		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.3.9.1 CDA-CH-LREP / Laboratory Reports V1	
└ h17:templateId	II	1 ... 1	R		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4 CDA-CH V2	
└ h17:templateId	II	1 ... 1	R		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3 Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision 7.0 - July 5, 2016	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.23 Document Id (DYNAMIC)	
└ h17:id	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @extension	st	0	NP	NP/not present	
└ @root	uid	1 ... 1	R		
Example				Laborbefund gemäss CDA-CH-LREP V1 <id root="807563C2-5146-11D5-A672-00B0D022E945" />	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.1.1.3.9.1.10.2.2 Document Code (DYNAMIC)	
└ h17:code	CE	1 ... 1	M	The code of the document MUST be specified.	(CDA-CH-LREP-V1)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.6 Multi-disciplinary Laboratory Report (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 Laboratory Specialties (DYNAMIC)	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.1.1.3.9.1.10.2.8 Document Title (DYNAMIC)	
└ h17:title	ST	1 ... 1	M	The document title must follow the following text format where <human readable code> is the local translation of the document LOINC code:  <ul style="list-style-type: none"> <li>▪ [de]: 'Laborbefund - &lt;human readable code&gt;'</li> <li>▪ [fr]: 'Rapport de laboratoire - &lt;human readable code&gt;'</li> </ul>	(CDA-CH-LREP-V1)


				<ul style="list-style-type: none"> <li>[it]: 'Referto di laboratorio - &lt;human readable code&gt;'</li> <li>[en]: 'Laboratory report - &lt;human readable code&gt;'</li> </ul>	
	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'	
└ h17: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-CH-LREP-V1)
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.19 Confidentiality Code (DYNAMIC)	
└ h17:confidentialityCode	CE CNE	1 ... 1	M		(CDA-CH-LREP-V1)
	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)	
└ h17:languageCode	CS	1 ... 1	M		(CDA-CH-LREP-V1)
	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 Set Id and Version Number (DYNAMIC)	
└ h17:setId	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @extension	st	0	NP	NP/not present	



└ @root		uid	1 ... 1	R	
Example		Laborbefund gemäss CDA-CH-LREP V1 <setId root="807563C2-5146-11D5-A672-00B0D022E945" />			
└ h17:versionNumber		INT.NONNEG	1 ... 1	M	(CDA-CH-LREP-V1)
Example		<versionNumber value="1" />			
recordTarget MUST be present in one of the following characteristics:					
<ul style="list-style-type: none"> <li>▪ Human Patient: The laboratory report contain test results from samples taken exclusively from a human patient.</li> <li>▪ Non-Human Subject: The laboratory report contains test results from samples taken from a non-human material (e.g., water, milk, etc.) or a living being (e.g., animal), but not related to a human patient.</li> <li>▪ Human Patient with Non-Human Subject: The laboratory report contains test results from samples taken from a non-human material that is related to a human patient (e.g., food eaten by the patient or animal that has bitten the patient).</li> </ul>					
Choice			1 ... 1		
Elements to choose from:					
<ul style="list-style-type: none"> <li>▪ h17:recordTarget included from template 2.16.756.5.30.1.1.1.3.9.1.10.2.4 Patient (recordTarget) (DYNAMIC)</li> <li>▪ h17:recordTarget included from template 2.16.756.5.30.1.1.10.2.26 Non-Human Subject (recordTarget) (DYNAMIC)</li> <li>▪ h17:recordTarget included from template 2.16.756.5.30.1.1.10.2.27 Human Patient with Non-Human Subject (recordTarget) (DYNAMIC)</li> </ul>					
Included			0 ... 1		
from 2.16.756.5.30.1.1.1.3.9.1.10.2.4 Patient (recordTarget) (DYNAMIC)					
Human Patient: The laboratory results contain test results from samples taken exclusively from a human patient.					
All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.					
└ h17:recordTarget			0 ... 1	R	Patient (Human Patient). (CDA-CH-LREP-V1)
└ h17:patientRole			1 ... 1	R	Exactly one patient MUST be declared. (CDA-CH-LREP-V1)
└ h17:id		II	1 ... *	R	At least one patient identification MUST be declared. (CDA-CH-LREP-V1)
└ @extension		st	1 ... 1	R	MUST contain the patient number itself. The number MUST be unique within the system that has issued the number.

└ @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.	
└ h17:addr	AD	1 ... *	R	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	(CDA-CH-LREP-V1)
└ h17:telecom	TEL	1 ... *	R	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	(CDA-CH-LREP-V1)
└ h17:patient		1 ... 1	R	Exactly one patient MUST be declared.	(CDA-CH-LREP-V1)
└ h17:name	PN	1 ... *	R	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	(CDA-CH-LREP-V1)
└ h17:administrative GenderCode	CE	1 ... 1	R	The sex of the patient MUST be indicated according to XD-LAB.	(CDA-CH-LREP-V1)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.1 <i>AdministrativeGender</i> (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	R	The date of birth of the patient MUST be given according to XD-LAB.	(CDA-CH-LREP-V1)
Included		0 ... 1		from 2.16.756.5.30.1.1.10.2.26 <i>Non-Human Subject (recordTarget)</i> (DYNAMIC) Non-Human Subject: The laboratory report contains test results from samples taken from a non-human material (e.g., water, milk, etc.) or a living being (e.g., animal), but not related to a human patient.	
└ h17:recordTarget		0 ... 1	R	Non-Human Subject.	(CDA-CH-LREP-V1)
└ h17:templateId	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.2	
	Schematron assert	role	error	test //h17:templateId[@root='1.3.6.1.4.1.19376.1.3.3.1.2'] Message In addition to the elements specified in the CDA header for the non-human subject, this non-human subject SHALL be represented in a Subject element in level 3 entries in the structuredBody.	
└ h17:patientRole		1 ... 1	R		(CDA-CH-LREP-V1)
└ @classCode	cs	0 ... 1	F	PAT	
└ h17:id	II	1 ... *	R		(CDA-CH-LREP-V1)

└ @extension	st	1 ... 1	R	MUST contain the actual number of non-human material. The number MUST be unique within the system that issued the number.	
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the number. 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.	
└ h17:patient		1 ... 1			(CDA-CH-LREP-V1)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ @nullFlavor	cs	1 ... 1	F	OTH	
Included		0 ... 1		Indicates that there are laboratory tests for this non-human material in the CDA Body. from 2.16.756.5.30.1.1.10.2.27 Human Patient with Non-Human Subject (recordTarget) (DYNAMIC) Human Patient with Non-Human Subject: The laboratory report contains test results from samples taken from a non-human material that is related to a human patient (e.g., food eaten by the patient or animal that has bitten the patient).	
└ h17:recordTarget		0 ... 1	R	Human Patient with Non-Human Subject.	(CDA-CH-LREP-V1)
└ h17:templateId	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.3	
	Schematron assert	role	 error	test //h17:templateId[@root='1.3.6.1.4.1.19376.1.3.3.1.3'] Message In addition to the elements specified in the CDA header for the patient, the non-human subject SHALL be represented in a Subject element in level 3 entries in the structuredBody.	
└ h17:patientRole		1 ... 1	R	Exactly one patient MUST be declared.	(CDA-CH-LREP-V1)
└ h17:id	II	1 ... *	R	At least one patient identification MUST be declared. <b>Note:</b> The identification of the non-human material MUST NOT be declared here. This can not be specified within the same document. See also: IHE PaLM TF3, section 6.3.2.11.3. If the identification of the non-human material is important (for example in rabies), two separate documents should be created (one with the human patient and one with the non-human material).	(CDA-CH-LREP-V1)

└ @extension	st	1 ... 1	R	MUST contain the actual number of non-human material. The number MUST be unique within the system that issued the number.	
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the number. 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.	
└ h17:addr	AD	1 ... *	R	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	(CDA-CH-LREP-V1)
└ h17:telecom	TEL	1 ... *	R	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	(CDA-CH-LREP-V1)
└ h17:patient		1 ... 1	R	Exactly one patient MUST be declared.	(CDA-CH-LREP-V1)
└ h17:name	PN	1 ... *	R	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	(CDA-CH-LREP-V1)
└ h17:administrative GenderCode	CE	1 ... 1	R		(CDA-CH-LREP-V1)
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.1 AdministrativeGender (DYNAMIC)	
└ h17:birthTime	TS	1 ... 1	R		(CDA-CH-LREP-V1)
Included		1 ... *	M	from 2.16.756.5.30.1.1.1.1.3.9.1.10.2.5 Author (DYNAMIC)	
└ h17:author		1 ... *	M	At least one author MUST be declared.	(CDA-CH-LREP-V1)
└ h17:functionCode	CE	0 ... 1	C	At least one of the listed authors must be a laboratory specialist.	(CDA-CH-LREP-V1)
└ @displayName	st	1 ... 1	F	Medical and pathology laboratory technicians	
└ @codeSystemName	st	1 ... 1	F	ISCO-08	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.2.9.6.2.7	
└ @code	cs	1 ... 1	F	3212	
└ h17:time	TS.CH.TZ	1 ... 1	R	Date and time of the laboratory report creation.	(CDA-CH-LREP-V1)
└ h17:assignedAuthor		1 ... 1	R	The author CAN be a person or a software module.	(CDA-CH-LREP-V1)
	Schematron assert	role		error	
		test		not(assignedAuthoringDevice/softwareName) or (representedOrganization)	

				Message For device authors the element representedOrganization is required.	
		Schematron assert	role	error	
			test	(telecom[@use='PUB' and starts-with(@value,'tel:+')] and (telecom[@use='PUB' and starts-with(@value,'mailto:')])	
			Message	A public telephone number in the international format and a public eMail address are required.	
		Schematron assert	role	error	
			test	(addr[@use='PUB'])	
			Message	A public address is required.	
└ h17:id	II		1 ... *	R	The specification of GS1 GLN is required. If it is not (yet) known, this must be declared using nullFlavor. For persons whose personal GLN must be specified. For software modules the GLN of the laboratory MUST be specified. (CDA-CH-LREP-V1)
└ @nullFlavor	cs		0 ... 1	F	NAV
					Temporarily unknown, will be filled later.
└ @extension	st		0 ... 1		The GS1 GLN.
└ @root	cs		0 ... 1	F	2.51.1.3
					OID for 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	
└ h17:addr	AD		1 ... *	R	Address of the laboratory. (CDA-CH-LREP-V1)
└ h17:telecom	TEL		1 ... *	R	Means of communication of the laboratory (phone, eMail, ...). (CDA-CH-LREP-V1)
					Elements to choose from:
Choice			0 ... 1		<ul style="list-style-type: none"> <li>▪ h17:assignedPerson containing template 2.16.756.5.30.1.1.10.9.18 <i>Person with Name</i> (DYNAMIC)</li> <li>▪ h17:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.1.1.3.9.1.10.9.2 <i>Device for LIS</i> (DYNAMIC)</li> </ul>

└ h17:assignedPerson				All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.18 <i>Person with Name</i> (DYNAMIC)	(CDA-CH-LREP-V1)
└ h17:assignedAuthoring Device				The name of the software module MUST be specified if the author is a software module. Contains 2.16.756.5.30.1.1.1.1.3.9.1.10.9.2 <i>Device for LIS</i> (DYNAMIC)	(CDA-CH-LREP-V1)
└ h17:represented Organization		0 ... 1		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.19 <i>Organization with Name, Addr, Telecom</i> (DYNAMIC)	(CDA-CH-LREP-V1)
Included		0 ... 1		from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)	
└ h17:dataEnterer		0 ... 1			(CDA-CH-LREP-V1)
└ @typeCode	cs	0 ... 1	F	ENT	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:time	TS	0 ... 1			(CDA-CH-LREP-V1)
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>CDA AssignedEntity</i> (DYNAMIC)	(CDA-CH-LREP-V1)
Included		1 ... 1	M	from 2.16.756.5.30.1.1.1.1.3.9.1.10.2.6 <i>Custodian</i> (DYNAMIC)	
└ h17:custodian		1 ... 1	M		(CDA-CH-LREP-V1)
└ h17:assignedCustodian		1 ... 1	R		(CDA-CH-LREP-V1)
└ h17:representedCustodian Organization		1 ... 1	R		(CDA-CH-LREP-V1)
	Schematron assert	role	error	test (telecom[@use='PUB' and starts-with(@value,'tel:+')] and (telecom[@use='PUB' and starts-with(@value,'mailto:')]) Message A public telephone number in the international format and a public eMail address are required.	
	Schematron assert	role	error	test (addr[@use='PUB']) Message A public address is required.	

└ h17:id	II	1 ... *	R	The specification of GS1 GLN is required. If it is not (yet) known, this must be declared using nullFlavor.	(CDA-CH-LREP-V1)
└ @nullFlavor	cs	0 ... 1	F	NAV	
└ @extension	st	0 ... 1		Temporarily unknown, will be filled later.	
└ @root	cs	0 ... 1	F	The GS1 GLN of the laboratory or the doctor's office (in the case of individual practices, the doctor's GLN).	
				2.51.1.3	
				OID for 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.	
└ h17:id	II	0 ... *	C	SASIS number (ge:ZSR / fr:RCC), if the lab services are to be refunded by the insurance.	(CDA-CH-LREP-V1)
└ @extension	st	1 ... 1	R	SASIS number (ge:ZSR / fr:RCC) of the laboratory or the physician.	
└ @root	cs	1 ... 1	F	2.16.756.5.30.1.123.100.2.1.1	
				OID for SASIS number (ge:ZSR / fr:RCC).	
└ h17:name	ON	1 ... 1	R	Name of the laboratory.	(CDA-CH-LREP-V1)
└ h17:telecom	TEL	1 ... 1	R	Means of communication of the laboratory (phone., eMail, ...).	(CDA-CH-LREP-V1)
└ h17:addr	AD	1 ... 1	R	Address of the laboratory.	(CDA-CH-LREP-V1)
Included		1 ... *	M	from 2.16.756.5.30.1.1.1.1.3.9.1.10.2.3 Recipient (DYNAMIC)	
└ h17:informationRecipient		1 ... *	M	The laboratory report MUST contain at least one receiver.	(CDA-CH-LREP-V1)
└ @typeCode	cs	1 ... 1	R	The main recipient of the document MUST be specified using typeCode 'PRCP' (primary recipient). Other receivers (copy to; Cc) MUST be specified using typeCode 'TRC' (tracker).	
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 x_InformationRecipient (DYNAMIC)	
└ h17:templateId	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.3.9.1.10.2.3	
└ h17:templateId	II	1 ... 1	M		(CDA-CH-LREP-V1)

└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.4	
└ h17:intendedRecipient		1 ... 1	M	The laboratory report MUST contain at least one receiver.	(CDA-CH-LREP-V1)
└ h17:addr	AD	1 ... *	R	An address MUST be present according to XD-LAB.	(CDA-CH-LREP-V1)
└ h17:telecom	TEL	1 ... *	R	A communication mean MUST be present according to XD-LAB.	(CDA-CH-LREP-V1)
└ h17:informationRecipient		1 ... 1	M	The laboratory report MUST contain at least one receiver. The name MUST be present according to XD-LAB. Contains 2.16.756.5.30.1.1.10.9.18 <i>Person with Name</i> (DYNAMIC)	(CDA-CH-LREP-V1)
where [not(@nullFlavor)]					
└ h17:receivedOrganization		0 ... 1		If the organization of the recipient is used, it MUST according to XD-LAB declare name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.19 <i>Organization with Name, Addr, Telecom</i> (DYNAMIC)	(CDA-CH-LREP-V1)
Included		0 ... 1		from 2.16.756.5.30.1.1.1.3.9.1.10.2.7 <i>Legal Authenticator</i> (DYNAMIC)	
└ h17:legalAuthenticator		0 ... 1		Legal authenticator.	(CDA-CH-LREP-V1)
└ h17:time	TS.CH.TZ	1 ... 1	R	Date of the signature.	(CDA-CH-LREP-V1)
└ h17:signatureCode	CS	1 ... 1	R		(CDA-CH-LREP-V1)
└ @code	CONF	1 ... 1	F	S	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.5.89 (Participation Signature)	
└ @displayName		1 ... 1	F	signed	
└ @codeSystemName		1 ... 1	F	ParticipationSignature	
└ h17:assignedEntity		1 ... 1	R	The GLN MUST be used to identify the legal authenticator (e.g., laboratory manager or responsible physician). All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.1.3.9.1.10.9.1 <i>AssignedEntity for Laboratory</i> (DYNAMIC)	(CDA-CH-LREP-V1)
└ h17:authenticator		0 ... *		Contains 2.16.756.5.30.1.1.10.4.8 <i>Laboratory Results Validator (Body)</i> (DYNAMIC)	(CDA-CH-LREP-V1)



<i>Included</i>			<b>0 ... 1</b>	<b>R</b>	from 2.16.756.5.30.1.1.10.2.16 <i>Order reference</i> (DYNAMIC)	
└ h17:inFulfillmentOf			<b>0 ... 1</b>	<b>R</b>		(CDA-CH-LREP-V1)
└ h17:order			<b>1 ... 1</b>	<b>R</b>		(CDA-CH-LREP-V1)
└ h17:id	<b>II</b>		<b>1 ... *</b>	<b>R</b>		(CDA-CH-LREP-V1)
└ @extension	st		<b>1 ... 1</b>	<b>R</b>		
└ @root	uid		<b>1 ... 1</b>	<b>R</b>		
<i>Included</i>			<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.28 <i>Laboratory Performer (documentationOf)</i> (DYNAMIC)	
└ h17:documentationOf			<b>0 ... *</b>			(CDA-CH-LREP-V1)
└ h17:serviceEvent			<b>1 ... 1</b>	<b>R</b>		(CDA-CH-LREP-V1)
└ h17:effectiveTime	<b>IVL_TS.CH.TZ</b>		<b>0 ... 1</b>		Use of sub element documentationOf/serviceEvent/effectiveTime to document the time boundaries of events in the document is appropriate.	(CDA-CH-LREP-V1)
└ h17:performer			<b>0 ... *</b>		Laboratory Performer template in the CDA header  Contains 2.16.756.5.30.1.1.10.4.7 <i>Laboratory Performer (Body)</i> (DYNAMIC)	(CDA-CH-LREP-V1)
<i>Included</i>			<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card</i> (DYNAMIC)	
└ h17:participant			<b>0 ... *</b>			(CDA-CH-LREP-V1)
where [ <i>@typeCode</i> ='HLD']						
└ @typeCode	cs		<b>1 ... 1</b>	<b>F</b>	HLD	
└ @contextControlCode	cs		<b>0 ... 1</b>	<b>F</b>	OP	
└ h17:templateId	<b>II</b>		<b>1 ... 1</b>	<b>M</b>		(CDA-CH-LREP-V1)
└ @root	uid		<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.127.10.2.14	

└ h17:time	IVL_TS	0 ... 1			(CDA-CH-LREP-V1)
└ h17:low	TS	1 ... 1			(CDA-CH-LREP-V1)
└ @nullFlavor	cs	1 ... 1	F	NASK	
└ h17:high	TS	1 ... 1	R		(CDA-CH-LREP-V1)
└ h17:associatedEntity		1 ... 1	R		(CDA-CH-LREP-V1)
└ @classCode	cs	1 ... 1	F	POLHOLD	
└ h17:id	II	0 ... *			(CDA-CH-LREP-V1)
└ h17:associatedPerson		1 ... 1			(CDA-CH-LREP-V1)
Included				from 2.16.756.5.30.1.1.10.9.10 CDA Person (DYNAMIC)	
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... *	R		(CDA-CH-LREP-V1)
└ h17:scopingOrganization		0 ... 1			(CDA-CH-LREP-V1)
Included				from 2.16.756.5.30.1.1.10.9.11 CDA Organization (DYNAMIC)	
└ @classCode	cs	0 ... 1	F	ORG	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:id	II	0 ... *			(CDA-CH-LREP-V1)
└ h17:name	ON	1 ... 1			(CDA-CH-LREP-V1)
└ h17:telecom	TEL	0 ... *			(CDA-CH-LREP-V1)
└ h17:addr	AD	0 ... 1			(CDA-CH-LREP-V1)
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.15 Insurance (DYNAMIC)	
└ h17:participant		0 ... *			(CDA-CH-LREP-V1)
where [@typeCode='COV']					



└ @typeCode	cs	1 ... 1	F	COV	
└ @contextControlCode	cs	0 ... 1	F	OP	
└ h17:templateId	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.127.10.2.15	
└ h17:time	IVL_TS	0 ... 1			(CDA-CH-LREP-V1)
└ h17:low	TS	1 ... 1	R		(CDA-CH-LREP-V1)
└ h17:high	TS	1 ... 1	R		(CDA-CH-LREP-V1)
└ h17:associatedEntity		1 ... 1	R		(CDA-CH-LREP-V1)
└ @classCode	cs	1 ... 1	F	PAYOR	
└ h17:id	II	1 ... 1	R		(CDA-CH-LREP-V1)
└ @root	uid	1 ... 1	F	2.51.1.3	
└ h17:associatedPerson		1 ... 1			(CDA-CH-LREP-V1)
Included				from 2.16.756.5.30.1.1.10.9.10 CDA Person (DYNAMIC)	
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:name	PN	1 ... *	R		(CDA-CH-LREP-V1)
└ h17:scopingOrganization		0 ... 1			(CDA-CH-LREP-V1)
Included				from 2.16.756.5.30.1.1.10.9.11 CDA Organization (DYNAMIC)	
└ @classCode	cs	0 ... 1	F	ORG	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ h17:id	II	0 ... *			(CDA-CH-LREP-V1)
└ h17:name	ON	1 ... 1			(CDA-CH-LREP-V1)

└ h17:telecom	TEL	0 ... *			(CDA-CH-LREP-V1)
└ h17:addr	AD	0 ... 1			(CDA-CH-LREP-V1)
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.13 Document Replacement (DYNAMIC)	
└ h17:relatedDocument		0 ... *			(CDA-CH-LREP-V1)
└ @typeCode	cs	1 ... 1	F	RPLC	
└ h17:parentDocument		1 ... 1	R		(CDA-CH-LREP-V1)
└ h17:id	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @extension	st	1 ... 1	R		
└ @root	uid	1 ... 1	R		
└ h17:setId	II	1 ... 1	M		(CDA-CH-LREP-V1)
└ @extension	st	1 ... 1	R		
└ @root	uid	1 ... 1	R		
	Schematron assert	role	error		
		test	(@root=/ClinicalDocument/id/@root) and (@extension=/ClinicalDocument/id/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
└ h17:versionNumber	INT	1 ... 1	M		(CDA-CH-LREP-V1)
	Schematron assert	role	error		
		test	@value > /ClinicalDocument/versionNumber/@value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
└ h17:component		1 ... 1	R		(CDA-CH-LREP-V1)
└ h17:structuredBody		1 ... 1	R		(CDA-CH-LREP-V1)

<p>└ h17:component</p>		<p>1 ... *</p>	<p>M</p>	<p><b>Main section for laboratory reports</b>                  A laboratory report MUST contain at least one main chapter in the structured body element, which MAY contain one or more sub-chapters. No further nesting is allowed.                  Each main section (Laboratory Specialty Section) contains laboratory tests of a particular discipline (e.g., microbiology or serology) and MUST contain either text and entry elements or sub-chapter (Laboratory Report Item Section).                  In the first case, the human-readable text in the text element MUST be generated automatically from the entry and its sub-elements, and sub-chapters ARE NOT ALLOWED.                  In the second case, all subsections (Laboratory Report Item Sections) must contain the examination results.                  Contains 2.16.756.5.30.1.1.10.3.3 <i>Laboratory Speciality Section</i> (DYNAMIC)</p>	<p>(CDA-CH-LREP-V1)</p>
<p>where [not(@nullFlavor)]</p>					
<p>└ h17:component</p>		<p>0 ... 1</p>		<p><b>Main section for vital signs</b>                  A laboratory report MAY include a main section in the structuredBody element that contains vital signs of the patient (e.g., body temperature, body height and weight), if this is of particular interest to the interpretation of the laboratory results.  <b>Note:</b>                  This section was imported "as is" from ART-DECOR (project CDA-CH) and is currently not further specified.                  Contains 2.16.756.5.30.1.1.10.3.4 <i>Coded Vital Signs Section</i> (DYNAMIC)</p>	<p>(CDA-CH-LREP-V1)</p>
<p>└ h17:component</p>		<p>0 ... 1</p>		<p><b>Main section for coded results</b>                  A laboratory report MAY include a main section in the structuredBody element that contains coded results of the patient (e.g., gestational age), if this is of particular interest to the interpretation of the laboratory results.  <b>Note:</b>                  This section was imported "as is" from ART-DECOR (project CDA-CH-VACD) and is currently not further specified.                  Contains 2.16.756.5.30.1.127.10.3.5 <i>Coded Results</i> (DYNAMIC)</p>	<p>(CDA-CH-LREP-V1)</p>

## 1.2. CDA Header Level Templates

### 1.2.1. Document Templates

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.1	<b>Effective Date</b>	valid from 2016-05-18
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CH_LREP_TPLT	<b>Display Name</b>	Document Templates
<b>Description</b>	The laboratory report MUST base on these templates.		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include 	Laboratory Report V1 (2017) 2016-03-23

Item	DT	Card	Conf	Description	Label
hl7:templateId	II	1 ... 1	M		(CH_LREP_TPLT)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.3.9.1 CDA-CH-LREP / Laboratory Reports V1	
hl7:templateId	II	1 ... 1	M		(CH_LREP_TPLT)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4 CDA-CH V2	
hl7:templateId	II	1 ... 1	R		(CH_LREP_TPLT)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3 Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision 7.0 - July 5, 2016	

### 1.2.2. Document Code

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.2	<b>Effective Date</b>	valid from 2016-03-23
<b>Status</b>	 Draft	<b>Version Label</b>	2017

<b>Name</b>	CH_LREP_CODE	<b>Display Name</b>	Document Code
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**Description**

The code of the document **MUST** be specified. The laboratory report can be either a multidisciplinary report or a finding from a single laboratory discipline.

Multidisciplinary laboratory findings:

The LOINC code of the document **MUST** read: 11502-2 (LABORATORY REPORT.TOTAL)

Laboratory reports of a single laboratory discipline:

The LOINC code of the document **MUST** be taken from the value set 'Laboratory Specialties'.

<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include	🟡 Laboratory Report V1 (2017)
			<b>Version</b>
			2016-03-23

Item	DT	Card	Conf	Description	Label
<b>h17:code</b>	<b>CE</b>	<b>1 ... 1</b>	<b>M</b>	The code of the document <b>MUST</b> be specified.	(CH_LREP_CODE)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.6 <i>Multi-disciplinary Laboratory Report</i> (DYNAMIC) or The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 <i>Laboratory Specialties</i> (DYNAMIC)	

### 1.2.3. Recipient

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.3	<b>Effective Date</b>	valid from 2016-05-23
<b>Status</b>	🟡 Draft	<b>Version Label</b>	2017
<b>Name</b>	CH_LREP_RECIP	<b>Display Name</b>	Recipient

**Description**

The laboratory report **MUST** contain at least one receiver. This can be a person or an institution. If the document is created for internal use, the recipient can include the same information as author or custodian.

In case of health care professionals the declaration is as for custodian.  
 For patients or other persons, the declaration is as for recordTarget or author.

<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 2 templates		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.1.1.3.9.1	Include	🟡 Laboratory Report V1 (2017)	2016-03-23
<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.10.9.18	Containment	🟡 Person with Name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.19	Containment	🟡 Organization with Name, Addr, Telecom (2017)	DYNAMIC
<b>Relationship</b>	Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.4 (2016-07-05) Specialization: template 2.16.840.1.113883.10.12.105 (2005-09-07)		

Item	DT	Card	Conf	Description	Label
<b>h17:informationRecipient</b>		1 ... *		The laboratory report MUST contain at least one receiver.	(CH_LREP_RECP)
└ @typeCode	cs	1 ... 1	R	The main recipient of the document MUST be specified using typeCode 'PRCP' (primary recipient). Other receivers (copy to; Cc) MUST be specified using typeCode 'TRC' (tracker).	
	CONF			The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 x_InformationRecipient (DYNAMIC)	
└ h17:templateId	II	1 ... 1	M		(CH_LREP_RECP)
└└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.3.9.1.10.2.3	
└ h17:templateId	II	1 ... 1	M		(CH_LREP_RECP)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.4	
└ h17:intendedRecipient		1 ... 1	M	The laboratory report MUST contain at least one receiver.	(CH_LREP_RECP)
└└ h17:addr	AD	1 ... *	R	An address MUST be present according to XD-LAB.	(CH_LREP_RECP)
└└ h17:telecom	TEL	1 ... *	R	A communication mean MUST be present according to XD-LAB.	(CH_LREP_RECP)



<b>h17:informationRecipient</b>		<b>1 ... 1 M</b>	The laboratory report <b>MUST</b> contain at least one receiver. The name <b>MUST</b> be present according to XD-LAB. Contains 2.16.756.5.30.1.1.10.9.18 <i>Person with Name</i> (DYNAMIC)	(CH_LREP_RECIP)
where [not(@nullFlavor)]				
<b>h17:receivedOrganization</b>		<b>0 ... 1</b>	If the organization of the recipient is used, it <b>MUST</b> according to XD-LAB declare name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.19 <i>Organization with Name, Addr, Telecom</i> (DYNAMIC)	(CH_LREP_RECIP)

### 1.2.4. Patient (recordTarget)

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.4	<b>Effective Date</b>	valid from 2016-05-23
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CH_LREP_HPAT	<b>Display Name</b>	Patient (recordTarget)

#### Description

Patient (Human Patient).

#### Patient identifiers


The id (patient identification number) can be declared multiple times. If multiple identifications are known, all known IDs should be specified. For laboratory reports, all IDs specified by the ordering system are to be returned. This allows the receiver to assign its internal patient identification.

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**.

#### Pseudonymization

In special cases, the demographic data of the patient need not be transmitted or they need to be pseudonymized (e.g., results of genetic or forensic toxicology).

The affected values must be replaced by a nullFlavor of type "MSK" (masked), in order to shield the data.






<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include 	Laboratory Report V1 (2017)
			<b>Version</b>
			2016-03-23
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07)		
<b>Example</b>	Pseudonymization with initials		

```

<recordTarget>
  <patientRole>
    <id nullFlavor="MSK"/>    <addr nullFlavor="MSK"/>    <telecom
nullFlavor="MSK"/>    <patient>
      <name nullFlavor="MSK">
        <family>(only first letter)</family>    <given>(only first
letter)</given>    </name>    <administrativeGenderCode nullFlavor="MSK"/>    <birthTime
nullFlavor="MSK"/>    </patient> </patientRole></recordTarget>
    
```

Item	DT	Card	Conf	Description	Label
h17:recordTarget		1 ... *	R	Patient (Human Patient).	(CH_LREP_HPAT)
└ h17:patientRole		1 ... 1	R	Exactly one patient MUST be declared.	(CH_LREP_HPAT)
└└ h17:id	II	1 ... *	R	At least one patient identification MUST be declared.	(CH_LREP_HPAT)
└└└ @extension	st	1 ... 1	R	MUST contain the patient number itself. The number MUST be unique within the system that has issued the number.	
└└└ @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.	
└ h17:addr	AD	1 ... *	R	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	(CH_LREP_HPAT)
└ h17:telecom	TEL	1 ... *	R	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	(CH_LREP_HPAT)
└ h17:patient		1 ... 1	R	Exactly one patient MUST be declared.	(CH_LREP_HPAT)
└└ h17:name	PN	1 ... *	R	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	(CH_LREP_HPAT)
└└ h17:administrativeGender Code	CE	1 ... 1	R	The sex of the patient MUST be indicated according to XD-LAB.	(CH_LREP_HPAT)
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.1 AdministrativeGender (DYNAMIC)	
└└└ h17:birthTime	TS	1 ... 1	R	The date of birth of the patient MUST be given according to XD-LAB.	(CH_LREP_HPAT)

### 1.2.5. Author

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.5	<b>Effective Date</b>	valid from 2016-05-23
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CH_LREP_AUTO	<b>Display Name</b>	Author
<b>Description</b>	At least one author <b>MUST</b> be declared. The author <b>CAN</b> be a person or a software module.		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 3 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include	 Laboratory Report V1 (2017)
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.9.18	Containment	 Person with Name (2017)
	2.16.756.5.30.1.1.1.1.3.9.1.10.9.2	Containment	 Device for LIS (2017)
	2.16.756.5.30.1.1.10.9.19	Containment	 Organization with Name, Addr, Telecom (2017)
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.102 (2005-09-07)		

Item	DT	Card	Conf	Description	Label
<b>h17:author</b>		<b>1 ... *</b>	<b>R</b>	At least one author <b>MUST</b> be declared.	(CH_LREP_AUTO)
<b>└ h17:functionCode</b>	<b>CE</b>	<b>0 ... 1</b>	<b>C</b>	At least one of the listed authors must be a laboratory specialist.	(CH_LREP_AUTO)
└ @displayName	st	<b>1 ... 1</b>	<b>F</b>	Medical and pathology laboratory technicians	
└ @codeSystemName	st	<b>1 ... 1</b>	<b>F</b>	ISCO-08	
└ @codeSystem	oid	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.2.9.6.2.7	
└ @code	cs	<b>1 ... 1</b>	<b>F</b>	3212	
<b>└ h17:time</b>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	Date and time of the laboratory report creation.	(CH_LREP_AUTO)
<b>└ h17:assignedAuthor</b>		<b>1 ... 1</b>	<b>R</b>	The author <b>CAN</b> be a person or a software module.	(CH_LREP_AUTO)

	Schematron assert	role	error	
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)	
		Message	For device authors the element representedOrganization is required.	
	Schematron assert	role	error	
		test	(telecom[@use='PUB' and starts-with(@value,'tel:+')] and (telecom[@use='PUB' and starts-with(@value,'mailto:')])	
		Message	A public telephone number in the international format and a public eMail address are required.	
	Schematron assert	role	error	
		test	(addr[@use='PUB'])	
		Message	A public address is required.	
└ h17:id	II	1 ... *	R	The specification of GS1 GLN is required. If it is not (yet) known, this must be declared using nullFlavor. For persons whose personal GLN must be specified. For software modules the GLN of the laboratory MUST be specified. (CH_LREP_AUTO)
└ @nullFlavor	cs	0 ... 1	F	NAV
				Temporarily unknown, will be filled later.
└ @extension	st	0 ... 1		The GS1 GLN.
└ @root	cs	0 ... 1	F	2.51.1.3
				OID for 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	
└ h17:addr	AD	1 ... *	R	Address of the laboratory. (CH_LREP_AUTO)
└ h17:telecom	TEL	1 ... *	R	Means of communication of the laboratory (phone, eMail, ...). (CH_LREP_AUTO)
				Elements to choose from:
Choice		0 ... 1		<ul style="list-style-type: none"> <li>h17:assignedPerson containing template 2.16.756.5.30.1.1.10.9.18 Person with Name (DYNAMIC)</li> </ul>


<ul style="list-style-type: none"> <li>h17:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.1.1.3.9.1.10.9.2 <i>Device for LIS</i> (DYNAMIC)</li> </ul>				
└ h17:assignedPerson			All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.18 <i>Person with Name</i> (DYNAMIC)	(CH_LREP_AUTO)
└ h17:assignedAuthoring Device			The name of the software module MUST be specified if the author is a software module. Contains 2.16.756.5.30.1.1.1.1.3.9.1.10.9.2 <i>Device for LIS</i> (DYNAMIC)	(CH_LREP_AUTO)
└ h17:representedOrganization		0 ... 1	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.19 <i>Organization with Name, Addr, Telecom</i> (DYNAMIC)	(CH_LREP_AUTO)

### 1.2.6. Custodian

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.6	<b>Effective Date</b>	valid from 2016-05-23
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CH_LREP_CUST	<b>Display Name</b>	Custodian

#### Description

The laboratory that creates the document MUST be declared as Custodian. The GLN is the primary key and thus the unique identification of the laboratory. If the lab services are to be refunded by the insurance, the SASIS number (ge:ZSR / fr:RCC) MUST be declared in the same element as the GLN as follows.

<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include 	Laboratory Report V1 (2017)
			Version
			2016-03-23
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.104 (2005-09-07)		

Item	DT	Card	Conf	Description	Label
h17:custodian		1 ... 1	R		(CH_LREP_CUST)

└ h17:assignedCustodian		1 ... 1	R		(CH_LREP_CUST)
└ h17:representedCustodian Organization		1 ... 1	R		(CH_LREP_CUST)
	Schematron assert	role	 error	test (telecom[@use='PUB' and starts-with(@value,'tel:+')] and (telecom[@use='PUB' and starts-with(@value,'mailto:')])	Message A public telephone number in the international format and a public eMail address are required.
	Schematron assert	role	 error	test (addr[@use='PUB'])	Message A public address is required.
└ h17:id	II	1 ... *	R	The specification of GS1 GLN is required. If it is not (yet) known, this must be declared using nullFlavor.	(CH_LREP_CUST)
└ @nullFlavor	cs	0 ... 1	F	NAV	
└ @extension	st	0 ... 1		Temporarily unknown, will be filled later.	
└ @root	cs	0 ... 1	F	2.51.1.3	
	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.
└ h17:id	II	0 ... *	C	SASIS number (ge:ZSR / fr:RCC), if the lab services are to be refunded by the insurance.	(CH_LREP_CUST)
└ @extension	st	1 ... 1	R	SASIS number (ge:ZSR / fr:RCC) of the laboratory or the physician.	
└ @root	cs	1 ... 1	F	2.16.756.5.30.1.123.100.2.1.1	
				OID for SASIS number (ge:ZSR / fr:RCC).	
└ h17:name	ON	1 ... 1	R	Name of the laboratory.	(CH_LREP_CUST)
└ h17:telecom	TEL	1 ... 1	R	Means of communication of the laboratory (phone., eMail, ...).	(CH_LREP_CUST)

└ h17:addr	AD	1 ... 1	R	Address of the laboratory.	(CH_LREP_CUST)
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### 1.2.7. Legal Authenticator

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.7	<b>Effective Date</b>	valid from 2016-05-23
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	CH_LREP_LAUT	<b>Display Name</b>	Legal Authenticator
<b>Description</b>	Exactly one legal authenticator MUST be declared.		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 1 template		
	<b>Used by</b>	<b>as</b>	<b>Name</b> <b>Version</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017) 2016-03-23
	<b>Uses</b>	<b>as</b>	<b>Name</b> <b>Version</b>
	2.16.756.5.30.1.1.1.1.3.9.1.10.9.1	Containment	AssignedEntity for Laboratory (2017) DYNAMIC
<b>Relationship</b>	Specialization: template 1.3.6.1.4.1.19376.1.3.1.9999.10.2.4 (2016-07-05) Specialization: template 2.16.840.1.113883.10.12.106 (2005-09-07)		

Item	DT	Card	Conf	Description	Label
h17:legalAuthenticator		1 ... 1		Legal authenticator.	(CH_LREP_LAUT)
└ h17:time	TS.CH.TZ	1 ... 1	R	Date of the signature.	(CH_LREP_LAUT)
└ h17:signatureCode	CS	1 ... 1	R		(CH_LREP_LAUT)
└ @code	CONF	1 ... 1	F	S	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.5.89 (Participation Signature)	
└ @displayName		1 ... 1	F	signed	
└ @codeSystemName		1 ... 1	F	ParticipationSignature	

<b>L</b> <b>hl7:assignedEntity</b>		<b>1 ... 1 R</b>	The GLN MUST be used to identify the legal authenticator (e.g., laboratory manager or responsible physician). All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.1.1.3.9.1.10.9.1 <i>AssignedEntity for Laboratory</i> (DYNAMIC)	(CH_LREP_LAUT)
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### 1.2.8. Document Title

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.2.8	<b>Effective Date</b>	valid from 2016-07-15
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	CH_LREP_TITL	<b>Display Name</b>	Document Title

#### Description

The document MUST contain a title.  
The following translations of the LOINC codes specified in XD-LAB MUST be used:

#### Multidisciplinary reports

LOINC Code	Text
11502-2	[ge]: Multidisziplinäre Befunde [fr]: TOTRANSLATE [it]: TOTRANSLATE

#### Findings of a particular discipline

The same translations as for Laboratory Speciality Section are to be used.


<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017)
			<b>Version</b>
			2016-03-23
<b>Example</b>	Multidisciplinary laboratory report in German		
	<code>&lt;title&gt;Laborbefund - Multidisziplinäre Befunde&lt;/title&gt;</code>		



Example	Multidisciplinary laboratory report in English <code>&lt;title&gt;Laboratory report - Multidisciplinary Laboratory Report&lt;/title&gt;</code>
Example	Serology report German <code>&lt;title&gt;Laborbefund - Serologiebefunde&lt;/title&gt;</code>
Example	Serology report English <code>&lt;title&gt;Laboratory report - Serologiebefunde&lt;/title&gt;</code>

Item	DT	Card	Conf	Description	Label
<b>hl7:title</b>	<b>ST</b>	<b>1 .. 1</b>	<b>M</b>	The document title must follow the following text format where <human readable code> is the local translation of the document LOINC code: <ul style="list-style-type: none"> <li>[de]: 'Laborbefund - &lt;human readable code&gt;'</li> <li>[fr]: 'Rapport de laboratoire - &lt;human readable code&gt;'</li> <li>[it]: 'Referto di laboratorio - &lt;human readable code&gt;'</li> <li>[en]: 'Laboratory report - &lt;human readable code&gt;'</li> </ul>	(CH_LREP_TITL)
	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'	

### 1.2.9. Document Replacement

<b>Id</b>	2.16.756.5.30.1.1.10.2.13 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-28 21:11:24 There are versions of templates with this id: <ul style="list-style-type: none"> <li>▪ CDA_CH_REPL as of 2017-03-28 21:11:24</li> <li>▪ CDA_CH_REPL as of 2016-05-18</li> </ul>
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA_CH_REPL	<b>Display Name</b>	Document Replacement

Description

**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
2.16.756.5.30.1.1.1.1.3.9.1	Include	 Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.10.1.3	Include	 eCurrentMedication (2017)	2016-05-13
2.16.756.5.30.1.1.10.1.7	Include	 eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31

**Relationship** Version: template 2.16.756.5.30.1.1.10.2.13 (2016-05-18)  
 Specialization: template 2.16.840.1.113883.10.12.111 (2005-09-07)  
 Specialization: template 2.16.756.5.30.1.1.10.2.9 (2009-01-27)

Item	DT	Card	Conf	Description	Label
h17:relatedDocument		0 ... *			(CDA_CH_REPL)
└ @typeCode	cs	1 ... 1	F	RPLC	
└ h17:parentDocument		1 ... 1	R		(CDA_CH_REPL)
└ h17:id	II	1 ... 1	M		(CDA_CH_REPL)

└ @extension	st	1 ... 1	R	
└ @root	uid	1 ... 1	R	
└ hl7:setId	II	1 ... 1	M	(CDA_CH_REPL)
└ @extension	st	1 ... 1	R	
└ @root	uid	1 ... 1	R	
	Schematron assert	role	 error	
		test	(@root=/ClinicalDocument/id/@root) and (@extension=/ClinicalDocument/id/@extension)	
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document	
└ hl7:versionNumber	INT	1 ... 1	M	(CDA_CH_REPL)
	Schematron assert	role	 error	
		test	@value > /ClinicalDocument/versionNumber/@value	
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document	

### 1.2.10. Insurance Card

<b>Id</b>	2.16.756.5.30.1.1.10.2.14 ref (from repository: hl7chcda-)
<b>Status</b>	 Draft
<b>Name</b>	CDA_CH_HICN
<b>Description</b>	
<b>Classification</b>	CDA Header Level Template
<b>Open/Closed</b>	Open (other than defined elements are allowed)

<b>Effective Date</b>	valid from 2017-03-28 21:11:01 There are versions of templates with this id: <ul style="list-style-type: none"> <li>▪ CDA_CH_HICN as of 2017-03-28 21:11:01</li> <li>▪ CDA_CH_HICN as of 2015-12-27</li> </ul>
<b>Version Label</b>	2017
<b>Display Name</b>	Insurance Card

Used by / Uses	Used by 0 transactions and 2 templates, Uses 2 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017)	2016-03-23
	2.16.756.5.30.1.1.1.1.127.10.1.1	Include	Vaccination document	2015-12-14
	Uses	as	Name	Version
	2.16.756.5.30.1.1.1.1.10.9.10	Include	CDA Person	DYNAMIC
2.16.756.5.30.1.1.1.1.10.9.11	Include	CDA Organization	DYNAMIC	

**Relationship** Version: template 2.16.756.5.30.1.1.1.1.10.2.14 (2015-12-27)  
 Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)

**Example**

```

<participant typeCode="HLD">
  <!-- template ID for rule <CDA-CH-HICN> -->
  <templateId root="2.16.756.5.30.1.127.10.2.14"/> <time>
    <low nullFlavor="NASK"/> <high value="..."/> </time> <associatedEntity classCode="POLHOLD">
      <!-- Nummer der Versichertenkarte -->
      <id extension="..." root="2.16.756.5.30.1.123.100.1.1.1"/> <associatedPerson>
        <name>
          <given>...</given> <family>...</family> </name> </associatedPerson> </associatedEntity><
    /participant>
    
```

Item	DT	Card	Conf	Description	Label
<b>h17:participant</b>					(CDA_CH_HICN)
where [ <i>@typeCode='HLD'</i> ]					
└ @typeCode	cs	1 .. 1	F	HLD	
└ @contextControlCode	cs	0 .. 1	F	OP	
└ h17:templateId	II	1 .. 1	M		(CDA_CH_HICN)
└└ @root	uid	1 .. 1	F	2.16.756.5.30.1.127.10.2.14	
└ h17:time	IVL_TS	0 .. 1			(CDA_CH_HICN)

└ h17:low	TS	1 ... 1		(CDA_CH_HICN)
└ @nullFlavor	cs	1 ... 1 F	NASK	
└ h17:high	TS	1 ... 1 R		(CDA_CH_HICN)
└ h17:associatedEntity		1 ... 1 R		(CDA_CH_HICN)
└ @classCode	cs	1 ... 1 F	POLHOLD	
└ h17:id	II	0 ... *		(CDA_CH_HICN)
└ h17:associatedPerson		1 ... 1		(CDA_CH_HICN)
<i>Included</i>			from 2.16.756.5.30.1.1.10.9.10 CDA Person (DYNAMIC)	
└ @classCode	cs	0 ... 1 F	PSN	
└ @determinerCode	cs	0 ... 1 F	INSTANCE	
└ h17:name	PN	1 ... * R		(CDA_CH_HICN)
└ h17:scopingOrganization		0 ... 1		(CDA_CH_HICN)
<i>Included</i>			from 2.16.756.5.30.1.1.10.9.11 CDA Organization (DYNAMIC)	
└ @classCode	cs	0 ... 1 F	ORG	
└ @determinerCode	cs	0 ... 1 F	INSTANCE	
└ h17:id	II	0 ... *		(CDA_CH_HICN)
└ h17:name	ON	1 ... 1		(CDA_CH_HICN)
└ h17:telecom	TEL	0 ... *		(CDA_CH_HICN)
└ h17:addr	AD	0 ... 1		(CDA_CH_HICN)

### 1.2.11. Insurance

**Id** 2.16.756.5.30.1.1.10.2.15  
 ref  
 (from repository: hl7chcda-)

**Effective Date**

valid from 2017-03-28 21:10:07  
 There are versions of templates with this id:

				<ul style="list-style-type: none"> <li>▪ CDA_CH_HINS as of 2017-03-28 21:10:07</li> <li>▪ CDA_CH_HINS as of 2015-12-27</li> </ul>
<b>Status</b>	● Draft	<b>Version Label</b>	2017	
<b>Name</b>	CDA_CH_HINS	<b>Display Name</b>	Insurance	
<b>Description</b>				
<b>Classification</b>	CDA Header Level Template			
<b>Open/Closed</b>	Open (other than defined elements are allowed)			
<b>Used by / Uses</b>	Used by 0 transactions and 2 templates, Uses 2 templates			
	<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include ●	Laboratory Report V1 (2017)	2016-03-23
	2.16.756.5.30.1.1.27.10.1.1	Include ●	Vaccination document	2015-12-14
	<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
	2.16.756.5.30.1.1.10.9.10	Include ●	CDA Person	DYNAMIC
	2.16.756.5.30.1.1.10.9.11	Include ●	CDA Organization	DYNAMIC
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.2.15 (2015-12-27) Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)			
<b>Example</b>	Example			
	<pre> &lt;participant typeCode="COV"&gt;   &lt;!-- template ID for rule &lt;CDA-CH-HINS&gt; --&gt;   &lt;templateId root="2.16.756.5.30.1.127.10.2.15"/&gt; &lt;time&gt;     &lt;low value="..." /&gt; &lt;high nullFlavor="NASK" /&gt; &lt;/time&gt; &lt;associatedEntity classCode="PAYOR"&gt;       &lt;id extension="..." root="2.51.1.3" /&gt; &lt;associatedPerson&gt;         &lt;name&gt;           &lt;given&gt;...&lt;/given&gt; &lt;family&gt;...&lt;/family&gt; &lt;/name&gt; &lt;/associatedPerson&gt; &lt;scopingOrganization&gt;             &lt;name&gt;...&lt;/name&gt; &lt;telecom value="..." /&gt; &lt;addr use="WP"&gt; </pre>			

		<code>&lt;streetName&gt;...&lt;/streetName&gt;</code>		<code>&lt;houseNumber&gt;...&lt;/houseNumber&gt;</code>		<code>&lt;postalCode&gt;...&lt;/postalCode&gt;</code>	
		<code>&lt;city&gt;...&lt;/city&gt;</code>		<code>&lt;/addr&gt;</code>		<code>&lt;/scopingOrganization&gt;</code>	
				<code>&lt;/associatedEntity&gt;</code>		<code>&lt;/participant&gt;</code>	
Item	DT	Card	Conf	Description	Label		
<b>h17:participant</b>					(CDA_CH_HINS)		
<i>where</i> [ <i>@typeCode</i> ='COV']							
└ <b>@typeCode</b>	cs	1 .. 1	F	COV			
└ <b>@contextControlCode</b>	cs	0 .. 1	F	OP			
└ <b>h17:templateId</b>	II	1 .. 1	M		(CDA_CH_HINS)		
└└ <b>@root</b>	uid	1 .. 1	F	2.16.756.5.30.1.127.10.2.15			
└ <b>h17:time</b>	IVL_TS	0 .. 1			(CDA_CH_HINS)		
└└ <b>h17:low</b>	TS	1 .. 1	R		(CDA_CH_HINS)		
└└ <b>h17:high</b>	TS	1 .. 1	R		(CDA_CH_HINS)		
└ <b>h17:associatedEntity</b>		1 .. 1	R		(CDA_CH_HINS)		
└└ <b>@classCode</b>	cs	1 .. 1	F	PAYOR			
└ <b>h17:id</b>	II	1 .. 1	R		(CDA_CH_HINS)		
└└ <b>@root</b>	uid	1 .. 1	F	2.51.1.3			
└ <b>h17:associatedPerson</b>		1 .. 1			(CDA_CH_HINS)		
<i>Included</i>				from 2.16.756.5.30.1.1.10.9.10 CDA Person (DYNAMIC)			
└└ <b>@classCode</b>	cs	0 .. 1	F	PSN			
└└ <b>@determinerCode</b>	cs	0 .. 1	F	INSTANCE			
└ <b>h17:name</b>	PN	1 .. *	R		(CDA_CH_HINS)		
└ <b>h17:scopingOrganization</b>		0 .. 1			(CDA_CH_HINS)		
<i>Included</i>				from 2.16.756.5.30.1.1.10.9.11 CDA Organization (DYNAMIC)			

└ @classCode	cs	0 ... 1 F	ORG	
└ @determinerCode	cs	0 ... 1 F	INSTANCE	
└ h17:id	II	0 ... *		(CDA_CH_HINS)
└ h17:name	ON	1 ... 1		(CDA_CH_HINS)
└ h17:telecom	TEL	0 ... *		(CDA_CH_HINS)
└ h17:addr	AD	0 ... 1		(CDA_CH_HINS)





### 1.2.12. Order reference

<b>Id</b>	2.16.756.5.30.1.1.10.2.16 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-09 16:30:05 There are versions of templates with this id:
<b>Status</b>	● Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA_CH_ORDR	<b>Display Name</b>	Order reference
<b>Description</b>			
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 3 templates, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include ●	Laboratory Report V1 (2017)
	2.16.756.5.30.1.127.10.1.2	Include ●	Meldepflichtiger Laborbefund
	2.16.756.5.30.1.127.10.1.3	Include ●	Laborbefund Transplantationsprozess
			<b>Version</b>
			2016-03-23
			2016-05-01
			2016-07-02



<b>Relationship</b>		Specialization: template 2.16.840.1.113883.10.12.109 (2005-09-07) Version: template 2.16.756.5.30.1.1.10.2.16 (2016-05-18)			
Item	DT	Card	Conf	Description	Label
hl7:inFulfillmentOf		1 .. *			(CDA_CH_ORDR)
└ hl7:order		1 .. 1	R		(CDA_CH_ORDR)
└ hl7:id	II	1 .. *	R		(CDA_CH_ORDR)
└ @extension	st	1 .. 1	R		
└ @root	uid	1 .. 1	R		

### 1.2.13. Confidentiality Code

<b>Id</b>	2.16.756.5.30.1.1.10.2.19 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-28 21:08:56 There are versions of templates with this id: <ul style="list-style-type: none"> <li>▪ CDA_CH_CONF as of 2017-03-28 21:08:56</li> <li>▪ CDA_CH_CONF as of 2016-06-06</li> </ul>
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA_CH_CONF	<b>Display Name</b>	Confidentiality Code
<b>Description</b>			
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 6 templates, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.3.9.1	Include	 Laboratory Report V1 (2017) 2016-03-23
	2.16.756.5.30.1.1.10.1.3	Include	 eCurrentMedication (2017) 2016-05-13
	2.16.756.5.30.1.1.10.1.4	Include	 eRezept (2017) 2016-05-21

2.16.756.5.30.1.1.10.1.5	Include	eAbgabe (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.6	Include	eMedicationComment (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.7	Include	eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31

**Relationship** Version: template 2.16.756.5.30.1.1.10.2.19 (2016-06-06)

Item	DT	Card	Conf	Description	Label
hl7:confidentialityCode	CE CNE	1 ... 1	M		(CDA_CH_CONF)
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>EprDocumentConfidentialityCode</i> (DYNAMIC)			

### 1.2.14. Set Id and Version Number

<b>Id</b>	2.16.756.5.30.1.1.10.2.20 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-09 16:36:42 There are versions of templates with this id:
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA_CH_SETV	<b>Display Name</b>	Set Id and Version Number

- CDA\_CH\_SETV as of 2017-03-09 16:36:42
- CDA\_CH\_SETV as of 2015-12-18

Description



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

**Used by / Uses** Used by 0 transactions and 1 template, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017)	2016-03-23

Relationship		Version: template 2.16.756.5.30.1.1.10.2.20 (2015-12-18)			
Item	DT	Card	Conf	Description	Label
hl7:setId	II	1 ... 1	R		(CDA_CH_SETV)
└ @extension	st	0	NP	NP/not present	
└ @root	uid	1 ... 1	R		
	Example	Laborbefund gemäss CDA-CH-LREP V1 <setId root="807563C2-5146-11D5-A672-00B0D022E945" />			
hl7:versionNumber	INT.NONNEG	1 ... 1	R		(CDA_CH_SETV)
	Example	<versionNumber value="1" />			

### 1.2.15. Document language

<b>Id</b>	2.16.756.5.30.1.1.10.2.22 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-28 21:07:51 There are versions of templates with this id:
			<ul style="list-style-type: none"> <li>▪ CDA_CH_DOCL as of 2017-03-28 21:07:51</li> <li>▪ CDA_CH_DOCL as of 2015-12-18</li> </ul>
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA_CH_DOCL	<b>Display Name</b>	Document language
<b>Description</b>			
Description content area (highlighted in yellow)			
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 6 templates, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.3.9.1	Include	 Laboratory Report V1 (2017)
			<b>Version</b>
			2016-03-23

2.16.756.5.30.1.1.10.1.3	Include	eCurrentMedication (2017)	2016-05-13
2.16.756.5.30.1.1.10.1.4	Include	eRezept (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.5	Include	eAbgabe (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.6	Include	eMedicationComment (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.7	Include	eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31

**Relationship** Version: template 2.16.756.5.30.1.1.10.2.22 (2015-12-18)

Item	DT	Card	Conf	Description	Label
hl7:languageCode	CS	0 ... 1			(CDA_CH_DOCL)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)			

### 1.2.16. Document Id

<b>Id</b>	2.16.756.5.30.1.1.10.2.23 ref (from repository: hl7hcda-)	<b>Effective Date</b>	valid from 2017-03-09 15:27:24 There are versions of templates with this id:
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA_CH_DOCI	<b>Display Name</b>	Document Id

- CDA\_CH\_DOCI as of 2017-03-09 15:27:24
- CDA\_CH\_DOCI as of 2015-12-18

Description

**Classification** CDA Header Level Template  
**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
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	2.16.756.5.30.1.1.1.1.3.9.1	Include		Laboratory Report V1 (2017)	2016-03-23
	2.16.756.5.30.1.1.10.1.3	Include		eCurrentMedication (2017)	2016-05-13
	2.16.756.5.30.1.1.10.1.4	Include		eRezept (2017)	2016-05-21
	2.16.756.5.30.1.1.10.1.5	Include		eAbgabe (2017)	2016-05-21
	2.16.756.5.30.1.1.10.1.6	Include		eMedicationComment (2017)	2016-05-21
	2.16.756.5.30.1.1.10.1.7	Include		eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.2.23 (2015-12-18)				
<b>Example</b>	Laborbefund gemäss CDA-CH-LREP V1				
	<code>&lt;id root="2.16.756.5.30.1.1.1.1.3.9.1" extension="807563C2-5146-11D5-A672-00B0D022E945" /&gt;</code>				
Item	DT	Card	Conf	Description	Label
hl7:id	II	1 ... 1	M		(CDA_CH_DOCI)
└ @extension	st	0	NP	NP/not present	
└ @root	uid	1 ... 1	R		
	Example Laborbefund gemäss CDA-CH-LREP V1				
	<code>&lt;id root="807563C2-5146-11D5-A672-00B0D022E945" /&gt;</code>				

### 1.2.17. Realm

<b>Id</b>	2.16.756.5.30.1.1.10.2.25 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-28 21:06:36 There are versions of templates with this id:
			<ul style="list-style-type: none"> <li>▪ CDA_CH_RELM as of 2017-03-28 21:06:36</li> <li>▪ CDA_CH_RELM as of 2015-12-18</li> </ul>
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA_CH_RELM	<b>Display Name</b>	Realm

<b>Description</b>																													
<b>Classification</b>	CDA Header Level Template																												
<b>Open/Closed</b>	Open (other than defined elements are allowed)																												
<b>Used by / Uses</b>	Used by 0 transactions and 6 templates, Uses 0 templates																												
	<table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.1.1.3.9.1</td> <td>Include</td> <td> Laboratory Report V1 (2017)</td> <td>2016-03-23</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.3</td> <td>Include</td> <td> eCurrentMedication (2017)</td> <td>2016-05-13</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.4</td> <td>Include</td> <td> eRezept (2017)</td> <td>2016-05-21</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.5</td> <td>Include</td> <td> eAbgabe (2017)</td> <td>2016-05-21</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.6</td> <td>Include</td> <td> eMedicationComment (2017)</td> <td>2016-05-21</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.7</td> <td>Include</td> <td> eMedicationTreatmentPlan (2017)</td> <td>2017-04-12 13:57:31</td> </tr> </tbody> </table>	Used by	as	Name	Version	2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017)	2016-03-23	2.16.756.5.30.1.1.10.1.3	Include	eCurrentMedication (2017)	2016-05-13	2.16.756.5.30.1.1.10.1.4	Include	eRezept (2017)	2016-05-21	2.16.756.5.30.1.1.10.1.5	Include	eAbgabe (2017)	2016-05-21	2.16.756.5.30.1.1.10.1.6	Include	eMedicationComment (2017)	2016-05-21	2.16.756.5.30.1.1.10.1.7	Include	eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31
Used by	as	Name	Version																										
2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017)	2016-03-23																										
2.16.756.5.30.1.1.10.1.3	Include	eCurrentMedication (2017)	2016-05-13																										
2.16.756.5.30.1.1.10.1.4	Include	eRezept (2017)	2016-05-21																										
2.16.756.5.30.1.1.10.1.5	Include	eAbgabe (2017)	2016-05-21																										
2.16.756.5.30.1.1.10.1.6	Include	eMedicationComment (2017)	2016-05-21																										
2.16.756.5.30.1.1.10.1.7	Include	eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31																										
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.2.25 (2015-12-18)																												

Item	DT	Card	Conf	Description	Label
hl7:realmCode	CS	1 ... 1	M		(CDA_CH_RELM)
@code	CONF	1 ... 1	F	CHE	

### 1.2.18. Non-Human Subject (recordTarget)

<b>Id</b>	2.16.756.5.30.1.1.10.2.26 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-16 11:28:46
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_header_RecordTargetNonHumanSubject	<b>Display Name</b>	Non-Human Subject (recordTarget)

Description

ClinicalDocument/recordTarget SHALL be present and SHALL conform to the Human Patient, Non-Human Subject or Human Patient with Non-Human Subject templates defined below. There are three varieties of laboratory reports:

- Human (patient): The document reports laboratory observations produced on specimens collected exclusively from the patient.


- Non-Human Subject: The document reports laboratory observations produced on specimens collected from a non-human material (e.g. water, milk...) or living subject (e.g. animal).
- Human (patient) paired with Non-Human Subject: The document reports laboratory observations produced on a non-human specimen with a relationship to a human patient, (e.g. peanut butter eaten by a patient, a ferret that bit a patient).

### 1.2.19. Non-Human Subject


When the subject of the observations in the report is a sample exclusively taken from a non-human subject, such as an animal, a lake, soil or other environmental element, the following SHALL be present.

- `<templateId root="1.3.6.1.4.1.19376.1.3.3.1.2"/>` - The `templateId` element identifies this `recordTarget` as a non-human subject of laboratory testing. The `templateId` SHALL have `root="1.3.6.1.4.1.19376.1.3.3.1.2"`.
- `<id/>` - `/patientRole/id` SHALL be present and SHALL represent the id of the non-human subject.
- `<patient@nullFlavor/>` - The `recordTarget/patientRole` SHALL have a patient sub-element and its `nullFlavor` SHALL be set to "OTH". This indicates that other information pertaining to the non-human subject can be found in the body of the document.
- `<structuredBody>` mark-up - In addition to the elements specified in the CDA header for the non-human subject, this non-human subject SHALL be represented in a `Subject` element in level 3 entries in the `structuredBody` as described in template Non-Human Subject 1.3.6.1.4.1.19376.1.3.3.1.2.1.

<b>Classification</b>	CDA Header Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 0 templates				
	<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>	
	2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017)	2016-03-23	
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.2 (2008-08-08)				
<b>Example</b>	Non-Human Subject Example  <pre> &lt;recordTarget typeCode="RCT"&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.3.3.1.2"/&gt; &lt;patientRole classCode="PAT"&gt;     &lt;id extension="66373839" root="1.3.6.1.4.1.19376.1.3.4"/&gt; &lt;patient       nullFlavor="OTH" /&gt; &lt;/patientRole&gt;&lt;/recordTarget&gt;                 </pre>				
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>	<b>Label</b>
h17:recordTarget		1 ... *	R	Non-Human Subject.	(chpalm_header_RecordTargetNonHumanSubject)
└ h17:templateId	II	1 ... 1	M		(chpalm_header_RecordTargetNonHumanSubject)

└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.2	
	Schematron assert	role		error	
		test		//hl7:templateId[@root='1.3.6.1.4.1.19376.1.3.3.1.2.1']	
		Message		In addition to the elements specified in the CDA header for the non-human subject, this non-human subject SHALL be represented in a Subject element in level 3 entries in the structuredBody.	
└ hl7:patientRole		1 ... 1	R		(chpalm_header_RecordTargetNonHumanSubject)
└ @classCode	cs	0 ... 1	F	PAT	
└ hl7:id	II	1 ... *	R		(chpalm_header_RecordTargetNonHumanSubject)
└ @extension	st	1 ... 1	R	MUST contain the actual number of non-human material. The number MUST be unique within the system that issued the number.	
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the number. 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.	
└ hl7:patient		1 ... 1			(chpalm_header_RecordTargetNonHumanSubject)
└ @classCode	cs	0 ... 1	F	PSN	
└ @determinerCode	cs	0 ... 1	F	INSTANCE	
└ @nullFlavor	cs	1 ... 1	F	OTH	
					Indicates that there are laboratory tests for this non-human material in the CDA Body.

### 1.2.20. Human Patient with Non-Human Subject (recordTarget)

<b>Id</b>	2.16.756.5.30.1.1.10.2.27 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-16 23:25:58
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_header_RecordTargetHumanPatientWithNonHumanSubject	<b>Display Name</b>	Human Patient with Non-Human Subject (recordTarget)

Description



ClinicalDocument/recordTarget SHALL be present and SHALL conform to the Human Patient, Non-Human Subject or Human Patient with Non-Human Subject templates defined below. There are three varieties of laboratory reports:

- Human (patient): The document reports laboratory observations produced on specimens collected exclusively from the patient.
- Non-Human Subject: The document reports laboratory observations produced on specimens collected from a non-human material (e.g. water, milk...) or living subject (e.g. animal).
- Human (patient) paired with Non-Human Subject: The document reports laboratory observations produced on a non-human specimen with a relationship to a human patient, (e.g. peanut butter eaten by a patient, a ferret that bit a patient).

### 1.2.21. Human Patient with Non-Human Subject


When the report assembles observations for a human (patient) with observations produced using a non-human specimen, the recordTarget SHALL represent the human patient. In accordance with the HL7 CDA R2 standard and further constrained by this specification, the presence of name, addr and telecom is required for all entities in the document including the human patient. Additionally, the following SHALL be present. "1.3.6.1.4.1.19376.1.3.3.1.3"

- <templateId root="1.3.6.1.4.1.19376.1.3.3.1.3"/> - The templateId element identifies this recordTarget as a human patient directly impacted by a non-human subject of laboratory testing. The templateId SHALL have root="1.3.6.1.4.1.19376.1.3.3.1.3".
- <id/> - recordTarget/patientRole/id SHALL be present. It SHALL be representative of the id of the human patient. In this template, the id of the non-human subject is not provided in the header. On a special note, at present, if the document contains a patient and a subject (as in the case of rabies, for example), documentation of the id of the subject cannot be accomplished without an extension to CDA.
- <administrativeGenderCode/> - The patientRole/patient/administrativeGenderCode SHALL be present.
- <birthTime/> - The patientRole/patient/birthTime SHALL be present.
- <structuredBody> mark-up - In addition to the elements specified in the CDA header for the patient, the non-human subject SHALL be represented in a Subject element in level 3 entries in the structuredBody as described in template Non-Human Subject 1.3.6.1.4.1.19376.1.3.3.1.2.1.

<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include	🟡 Laboratory Report V1 (2017)
			<b>Version</b>
			2016-03-23
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.3 (2008-08-08)		
<b>Example</b>	Human patient paired with Non-Human Subject Example		
	<pre>&lt;recordTarget typeCode="RCT"&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.3.3.1.3"/&gt; &lt;patientRole classCode="PAT"&gt;</pre>		


```

<id extension="sw54321" root="2.999"/> <addr>
  <streetAddressLine>Leidensweg
10</streetAddressLine> <city>Specimendorf</city> <postalCode>9876</postalCode> </addr> <tele
com value="tel:+41.32.685.12.34"/> <patient classCode="PSN">
  <name>
    <family>Muster</family> <given>Max</given> </name> <administrativeGenderCode
code="F"/> <birthTime value="19480611"/> </patient> </patientRole></recordTarget>
    
```

Item	DT	Card	Conf	Description	Label
h17:recordTarget		1 ... *	R	Human Patient with Non-Human Subject.	(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject)
└ h17:templateId	II	1 ... 1	M		(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.3	
	Schematron assertion	role		error	
		test		//h17:templateId[@root='1.3.6.1.4.1.19376.1.3.3.1.3.1']	
		Message		In addition to the elements specified in the CDA header for the patient, the non-human subject SHALL be represented in a Subject element in level 3 entries in the structuredBody.	
└ h17:patientRole		1 ... 1	R	Exactly one patient MUST be declared.	(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject)
└ h17:id	II	1 ... *	R	At least one patient identification MUST be declared. <b>Note:</b> The identification of the non-human material MUST NOT be declared here. This can not be specified within the same document. See also: IHE PaLM TF3, section 6.3.2.11.3. If the identification of the non-human material is important (for example in rabies), two separate documents should be created (one with the human patient and one with the non-human material).	(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject)
└ @extension	st	1 ... 1	R	MUST contain the actual number of non-human material. The number MUST be unique within the system that issued the number.	

└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the number. 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.	
└ h17:addr	AD	1 ... *	R	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject )
└ h17:telecom	TEL	1 ... *	R	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject )
└ h17:patient		1 ... 1	R	Exactly one patient MUST be declared.	(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject )
└ h17:name	PN	1 ... *	R	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject )
└ h17:administrativeGenderCode	CE	1 ... 1	R		(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject )
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.1 AdministrativeGender (DYNAMIC)			
└ h17:birthTime	TS	1 ... 1	R		(chpalm_header_RecordTargetHumanPatientWithNonHumanSubject )

### 1.2.22. Laboratory Performer (documentationOf)

<b>Id</b>	2.16.756.5.30.1.1.10.2.28 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-16 23:50:00
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_header_DocumentationOfLaboratoryPerformer	<b>Display Name</b>	Laboratory Performer (documentationOf)

#### Description

Content Modules for CDA Header (Level 1): Laboratory Performer template in the CDA header (ClinicalDocument/documentationOf/serviceEvent)

ClinicalDocument/documentationOf(s) MAY be present. The documentationOf/serviceEvent represents the main Act being documented, that is an act of reporting Result Event(s) produced by a laboratory.

Use of sub element documentationOf/serviceEvent/effectiveTime to document the time boundaries of events in the document is appropriate.

This laboratory report content module adds the optional sub element documentationOf/serviceEvent/statusCode to enable the sharing of non-final reports. A report is considered as non-final (e.g., a preliminary report) if and only if it documents an Act, which is still in the status “active” (i.e., serviceEvent/statusCode@code=“active”).

The statusCode sub element is an extension to the CDA R2 schema. This sub-element is optional. When it is not there, the documented Act is assumed to be completed and the report is assumed to be a final report.

<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 1 template, Uses 1 template		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Include	Laboratory Report V1 (2017)
			Version
			2016-03-23
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer (Body) (2017)
			Version
			DYNAMIC
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.110 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.9999.10.9.15 (2016-07-05)		





Item	DT	Card	Conf	Description	Label
h17:documentationOf		0 ... *			(chpalm_header_DocumentationOfLaboratoryPerformer)
└ h17:serviceEvent		1 ... 1	R		(chpalm_header_DocumentationOfLaboratoryPerformer)
└└ h17:effectiveTime	IVL_TS.CH.TZ	0 ... 1		Use of sub element documentationOf/serviceEvent/effectiveTime to document the time boundaries of events in the document is appropriate.	(chpalm_header_DocumentationOfLaboratoryPerformer)


h17:performer	0 ... *	Laboratory Performer template in the CDA header  Contains 2.16.756.5.30.1.1.10.4.7 <i>Laboratory Performer (Body)</i> (DYNAMIC)	(chpalm_header_DocumentationOfLaboratoryPerformer)
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### 1.2.23. Data Enterer

<b>Id</b>	2.16.756.5.30.1.1.10.2.7 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-09 15:12:38 There are versions of templates with this id: <ul style="list-style-type: none"> <li>▪ CDAdataEnterer as of 2017-03-09 15:12:38</li> <li>▪ CDAdataEnterer as of 2009-01-27</li> </ul>
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	CDAdataEnterer	<b>Display Name</b>	Data Enterer


Description

<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 4 templates, Uses 1 template		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.1.1.3.9.1	Include	 Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.27.10.1.1	Include	 Vaccination document	2015-12-14
2.16.756.5.30.1.1.27.10.1.2	Include	 Meldepflichtiger Laborbefund	2016-05-01
2.16.756.5.30.1.1.27.10.1.3	Include	 Laborbefund Transplantationsprozess	2016-07-02
<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>

	2.16.756.5.30.1.1.10.9.12	Containment		CDA AssignedEntity		DYNAMIC
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.103 (2005-09-07) Version: template 2.16.756.5.30.1.1.10.2.7 (2009-01-27)					
Item	DT	Card	Conf	Description	Label	
h17:dataEnterer		0 ... 1			(CDAdataEnterer)	
└ @typeCode	cs	0 ... 1	F	ENT		
└ @contextControlCode	cs	0 ... 1	F	OP		
└ h17:time	TS	0 ... 1			(CDAdataEnterer)	
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 CDA AssignedEntity (DYNAMIC)	(CDAdataEnterer)	

### 1.3. CDA Section Level Templates

#### 1.3.1. Laboratory Speciality Section

<b>Id</b>	2.16.756.5.30.1.1.10.3.3 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-16 23:57:18
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_section_LaboratorySpecialty	<b>Display Name</b>	Laboratory Speciality Section

Description

Chapter (CDA Body Section) with laboratory results according to Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision 7.0 - July 5, 2016. Each Laboratory Speciality Section contains laboratory tests of a particular discipline (e.g., microbiology or serology). The Laboratory Speciality Section uses LOINC codes to define the appropriate discipline. Laboratory Speciality Sections MUST NOT be nested. A Laboratory Speciality 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 Speciality 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.

<b>Classification</b>	CDA Section Level Template																				
<b>Open/Closed</b>	Open (other than defined elements are allowed)																				
<b>Used by / Uses</b>	<p>Used by 0 transactions and 1 template, Uses 2 templates</p> <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.1.1.3.9.1</td> <td>Containment</td> <td>Laboratory Report V1 (2017)</td> <td>2016-03-23</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.3.5</td> <td>Containment</td> <td>Laboratory Report Item Section (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.4.4</td> <td>Containment</td> <td>Laboratory Report Data Processing Entry (2017)</td> <td>DYNAMIC</td> </tr> </tbody> </table>	Used by	as	Name	Version	2.16.756.5.30.1.1.1.1.3.9.1	Containment	Laboratory Report V1 (2017)	2016-03-23	Uses	as	Name	Version	2.16.756.5.30.1.1.10.3.5	Containment	Laboratory Report Item Section (2017)	DYNAMIC	2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	DYNAMIC
Used by	as	Name	Version																		
2.16.756.5.30.1.1.1.1.3.9.1	Containment	Laboratory Report V1 (2017)	2016-03-23																		
Uses	as	Name	Version																		
2.16.756.5.30.1.1.10.3.5	Containment	Laboratory Report Item Section (2017)	DYNAMIC																		
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	DYNAMIC																		
<b>Relationship</b>	<p>Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)</p> <p>Specialization: template 1.3.6.1.4.1.19376.1.3.3.2.1 (2008-08-08)</p>																				
<b>Example</b>	<p>Specialty Section that holds a leaf section and Leaf Section that holds one Report Item</p> <pre>&lt;section classCode="DOCSECT"&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/&gt; &lt;code code="18723-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HEMATOLOGY STUDIES"/&gt; &lt;title&gt;Laborbefund - Hämatologie&lt;/title&gt; &lt;component&gt;   &lt;section&gt;     &lt;templateId root="1.3.6.1.4.1.19376.1.3.3.2.2"/&gt; &lt;!-- Leaf Section that holds one Report Item --&gt;   &lt;/section&gt; &lt;/component&gt;&lt;/section&gt;</pre>																				
<b>Example</b>	<p>Specialty Section that holds Report Items directly as a Laboratory Report Data Processing Entry</p> <pre>&lt;section classCode="DOCSECT"&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/&gt; &lt;code code="18719-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="CHEMISTRY STUDIES"/&gt; &lt;title&gt;Laborbefund - Chemie&lt;/title&gt; &lt;text/&gt; &lt;entry typeCode="DRIV"&gt;</pre>																				

<pre>&lt;templateId root="1.3.6.1.4.1.19376.1.3" /&gt; &lt;act classCode="ACT" moodCode="EVN"&gt; ... &lt;/act&gt; &lt;/entry&gt;&lt;/section&gt;</pre>					
Item	DT	Card	Conf	Description	Label
h17:section					(chpalm_section_LaboratorySpecialty)
└ h17:templateId	II	1 ... 1	M		(chpalm_section_LaboratorySpecialty)
└└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.3.3	
└ h17:templateId	II	1 ... 1	M		(chpalm_section_LaboratorySpecialty)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.2.1	
└ h17:code	CE	1 ... 1	M	This declares the laboratory discipline of the section.	(chpalm_section_LaboratorySpecialty)
└└ @code		1 ... 1	R		
└└ @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 <i>Laboratory Specialties</i> (DYNAMIC)			
└ h17: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: <ul style="list-style-type: none"> <li>[ge]: 'Laborbefund - &lt;human readable code&gt;'</li> <li>[fr]: 'Rapport de laboratoire - &lt;human readable code&gt;'</li> <li>[it]: 'Referto di laboratorio - &lt;human readable code&gt;'</li> </ul>	(chpalm_section_LaboratorySpecialty)




				<ul style="list-style-type: none"> <li>▪ [en]: 'Laboratory Specialty - &lt;human readable code&gt;'</li> </ul>																							
				<p>The following translations of the LOINC codes given in XD-LAB MUST be used:</p> <table border="1"> <thead> <tr> <th>LOINC Code</th> <th>Text</th> </tr> </thead> <tbody> <tr> <td>18717-9</td> <td>[ge]: Immunhämatologie [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18718-7</td> <td>[ge]: Molekularbiologie [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18719-5</td> <td>[ge]: Chemie [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18720-3</td> <td>[ge]: Gerinnung [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18721-1</td> <td>[ge]: Medikamente [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18722-9</td> <td>[ge]: Fertilität [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18723-7</td> <td>[ge]: Hämatologie [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18724-5</td> <td>[ge]: HLA [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18725-2</td> <td>[ge]: Mikrobiologie [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> <tr> <td>18727-8</td> <td>[ge]: Serologie [fr]: TOTRANSLATE [it]: TOTRANSLATE</td> </tr> </tbody> </table>	LOINC Code	Text	18717-9	[ge]: Immunhämatologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	18718-7	[ge]: Molekularbiologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	18719-5	[ge]: Chemie [fr]: TOTRANSLATE [it]: TOTRANSLATE	18720-3	[ge]: Gerinnung [fr]: TOTRANSLATE [it]: TOTRANSLATE	18721-1	[ge]: Medikamente [fr]: TOTRANSLATE [it]: TOTRANSLATE	18722-9	[ge]: Fertilität [fr]: TOTRANSLATE [it]: TOTRANSLATE	18723-7	[ge]: Hämatologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	18724-5	[ge]: HLA [fr]: TOTRANSLATE [it]: TOTRANSLATE	18725-2	[ge]: Mikrobiologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	18727-8	[ge]: Serologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	
LOINC Code	Text																										
18717-9	[ge]: Immunhämatologie [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18718-7	[ge]: Molekularbiologie [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18719-5	[ge]: Chemie [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18720-3	[ge]: Gerinnung [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18721-1	[ge]: Medikamente [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18722-9	[ge]: Fertilität [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18723-7	[ge]: Hämatologie [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18724-5	[ge]: HLA [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18725-2	[ge]: Mikrobiologie [fr]: TOTRANSLATE [it]: TOTRANSLATE																										
18727-8	[ge]: Serologie [fr]: TOTRANSLATE [it]: TOTRANSLATE																										

				18728-6	[ge]: Toxikologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				18729-4	[ge]: Urin Untersuchungen [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				18767-4	[ge]: Blutgase [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				18768-2	[ge]: Differenzialblutbild [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				18769-0	[ge]: Antibiogramme [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				26435-8	[ge]: Molekulare Pathologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				26436-6	[ge]: Laboruntersuchungen [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				26437-4	[ge]: Stimulationen [fr]: TOTRANSLATE [it]: TOTRANSLATE	
				26438-2	[ge]: Zytologie [fr]: TOTRANSLATE [it]: TOTRANSLATE	
	Example	Deutsch	<code>&lt;title&gt;Laborbefund - Immunhämatologie&lt;/title&gt;</code>			
	Example	Englisch	<code>&lt;title&gt;Laboratory Specialty - Blood Bank Studies&lt;/title&gt;</code>			
Choice		<b>1 ... *</b>	Elements to choose from: <ul style="list-style-type: none"> <li>▪ hl7:component containing template 2.16.756.5.30.1.1.10.3.5 <i>Laboratory Report Item Section</i> (DYNAMIC)</li> <li>▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.4 <i>Laboratory Report Data Processing Entry</i> (DYNAMIC)</li> </ul>			

└ hl7:component		0 ... *	C	Contains 2.16.756.5.30.1.1.10.3.5 <i>Laboratory Report Item Section</i> (DYNAMIC)	(chpalm_section_LaboratorySpecialty)
└ hl7:entry		0 ... *	C	Contains 2.16.756.5.30.1.1.10.4.4 <i>Laboratory Report Data Processing Entry</i> (DYNAMIC)	(chpalm_section_LaboratorySpecialty)
└ @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.

### 1.3.2. Coded Vital Signs Section




<b>Id</b>	2.16.756.5.30.1.1.10.3.4 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-28 22:53:28 There are versions of templates with this id:
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	CDA-CH-CodedVitalSignsSection	<b>Display Name</b>	Coded Vital Signs Section
<b>Description</b>			
see languages de-CH, fr-CH or it-CH for description			
<b>Classification</b>	CDA Section Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 2 templates, Uses 1 template		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.3.9.1	Containment	Laboratory Report V1 (2017)
	2.16.756.5.30.1.127.10.1.3	Containment	Laborbefund Transplantationsprozess
			<b>Version</b>
			2016-03-23
			2016-07-02

	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.4.20	Containment	 Vital Signs Organizer Entry (2017)	DYNAMIC
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.3.4 (2016-07-02) Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)			
<b>Example</b>	<pre> Example &lt;component&gt;   &lt;section&gt;     &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.25"/&gt;    &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2"/&gt;    &lt;id root="2.16.756.5.30.1.1.1.1.3.1.1" extension="0D42D3DB- 67BB-43AD-99DE-10D248040821"/&gt;    &lt;code code="8716-3" displayName="VITAL SIGNS" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;    &lt;text&gt;   &lt;content ID="o1"&gt; Vitalzeichen: - Grösse: 178 cm &lt;/content&gt;    &lt;/text&gt;    &lt;entry&gt;   &lt;organizer classCode="CLUSTER" moodCode="EVN"&gt;     &lt;templateId root="2.16.840.1.113883.10.20.1.32"/&gt;    &lt;templateId root="2.16.840.1.113883.10.20.1.35"/&gt;    &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.1"/&gt;    &lt;id root="2.16.756.5.30.1.1.1.1.3.1.1" extension="7586A249- 889D-4F09-843A-9C3399ECFCB6"/&gt;    &lt;code code="46680005" displayName="Vital signs" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/&gt;    &lt;statusCode code="completed"/&gt;    &lt;effectiveTime value="20081118"/&gt;    &lt;author typeCode="AUT"&gt;   &lt;time value="20081118"/&gt;    &lt;assignedAuthor&gt;   &lt;id extension="7608888888888888" root="1.3.88"/&gt;    &lt;/assignedAuthor&gt;    &lt;/author&gt;    &lt;!-- one or more vital signs observations --&gt;   &lt;component typeCode="COMP"&gt;     &lt;observation classCode="OBS" moodCode="EVN"&gt;       &lt;templateId root="2.16.756.5.30.1.1.1.1.1" extension="CDA- CH.Body.VitalSignL3"/&gt;    &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/&gt;    &lt;templateId root="2.16.840.1.113883.10.20.1.31"/&gt;    &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.2"/&gt;    &lt;id root="2.16.756.5.30.1.1.1.1.3.1.1" extension="3B9A88CF-E868-490B-B0BF-DA25E7D2F9FA"/&gt;    &lt;code code="3137-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;    &lt;text&gt;   &lt;reference value="#o1"/&gt;    &lt;/text&gt;    &lt;statusCode code="completed"/&gt;    &lt;effectiveTime value="20081118"/&gt;    &lt;value xsi:type="PQ" value="178" unit="cm"/&gt;    &lt;interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/&gt;    &lt;methodCode nullFlavor="NA"/&gt;    &lt;targetSiteCode </pre>			

Item	DT	Card	Conf	Description	Label
<code>h17:section</code>					(CDA-CH-CodedVitalSignsSection)
└ <code>h17:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>		(CDA-CH-CodedVitalSignsSection)
└└ <code>@root</code>	uid	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.10.20.1.16	
└ <code>h17:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>R</b>		(CDA-CH-CodedVitalSignsSection)
└└ <code>@root</code>	uid	<b>1 ... 1</b>	<b>F</b>	1.3.6.1.4.1.19376.1.5.3.1.3.25	
└ <code>h17:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>R</b>		(CDA-CH-CodedVitalSignsSection)
└└ <code>@root</code>	uid	<b>1 ... 1</b>	<b>F</b>	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	
└ <code>h17:code</code>	<b>CE</b>	<b>1 ... 1</b>	<b>R</b>		(CDA-CH-CodedVitalSignsSection)
└└ <code>@code</code>	CONF	<b>1 ... 1</b>	<b>F</b>	8716-3	
└└ <code>@codeSystem</code>		<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes)	
└└ <code>@displayName</code>		<b>1 ... 1</b>	<b>F</b>	VITAL SIGNS	
└└ <code>@codeSystemName</code>		<b>1 ... 1</b>	<b>F</b>	LOINC	
└ <code>h17:title</code>	<b>ST</b>	<b>0 ... 1</b>			(CDA-CH-CodedVitalSignsSection)
	CONF			element content shall be "Vitalzeichen" -or- element content shall be "Vital Signs" -or- element content shall be "Signes vitaux" -or- element content shall be "Segni vitali"	
└ <code>h17:text</code>	<b>SD.TEXT</b>	<b>1 ... 1</b>	<b>M</b>		(CDA-CH-CodedVitalSignsSection)

h17:entry	0 ... *	Contains 2.16.756.5.30.1.1.10.4.20 <i>Vital Signs Organizer Entry</i> (DYNAMIC)	(CDA-CH-CodedVitalSignsSection)
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### 1.3.3. Coded Results

<b>Id</b>	2.16.756.5.30.1.127.10.3.5 ref (from repository: cdachvacd-)	<b>Effective Date</b>	valid from 2015-12-14		
<b>Status</b>	 Draft	<b>Version Label</b>			
<b>Name</b>	Studiessummary	<b>Display Name</b>	Coded Results		
<b>Description</b>	This section may indicate the gestational age of a child if relevant for immunization of the child.				
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.127.10.3.5				
<b>Classification</b>	CDA Section Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Used by / Uses</b>	Used by 0 transactions and 2 templates, Uses 1 template				
	<b>Used by</b>	<b>as</b>	<b>Name</b>		
	2.16.756.5.30.1.1.1.1.3.9.1	Containment	 Laboratory Report V1 (2017)		
	2.16.756.5.30.1.127.10.1.1	Containment	 Vaccination document		
	<b>Uses</b>	<b>as</b>	<b>Name</b>		
	2.16.756.5.30.1.127.10.4.14	Containment	 Gestational age		
<b>Relationship</b>	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)				
<b>Example</b>	<p>Example</p> <pre>&lt;section&gt;   &lt;templateId root="2.16.756.5.30.1.127.10.3.5"/&gt; &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.27"/&gt; &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.28"/&gt; &lt;code code="30954-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="STUDIES SUMMARY"/&gt; &lt;title/&gt; &lt;text/&gt; &lt;entry&gt;   &lt;!-- ... --&gt; &lt;/entry&gt;&lt;/section&gt;</pre>				
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>	<b>Label</b>

h17:section					(Studiessummary)
└ h17:templateId	II	1 ... 1 M			(Studiessummary)
└ @root	uid	1 ... 1 F	2.16.756.5.30.1.127.10.3.5		
└ h17:templateId	II	1 ... 1 M			(Studiessummary)
└ @root	uid	1 ... 1 F	1.3.6.1.4.1.19376.1.5.3.1.3.27		
└ h17:templateId	II	1 ... 1 M			(Studiessummary)
└ @root	uid	1 ... 1 F	1.3.6.1.4.1.19376.1.5.3.1.3.28		
└ h17:code	CE	1 ... 1 M			(Studiessummary)
└ @code	CONF	1 ... 1 F	30954-2		
└ @codeSystem		1 ... 1 F	2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes)		
└ h17:title	ST	1 ... 1 M			(Studiessummary)
	CONF		element content shall be "Codierte Resultate"		
			-or-		
			element content shall be "Coded Results"		
└ h17:text	SD.TEXT	1 ... 1 M	Human readable text of this section. On the basis of the structured Information in Body Level 3, this text SHOULD be generated automatically from the Body Level 3 part and not entered manually.		(Studiessummary)
└ h17:entry		1 ... * R	Contains 2.16.756.5.30.1.127.10.4.14 <i>Gestational age</i> (DYNAMIC)		(Studiessummary)
└ @typeCode	cs	1 ... 1 F	DRIV		
└ @contextConductionInd	bl	0 ... 1			

## 1.4. CDA Entry Level Templates


### 1.4.1. Participant (Body, device)

<b>Id</b>	2.16.756.5.30.1.1.10.4.10 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-24 16:17:11		
<b>Status</b>	Draft	<b>Version Label</b>	2017		
<b>Name</b>	chpalm_entry_ParticipantBodyDevice	<b>Display Name</b>	Participant (Body, device)		
<b>Description</b>	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.				
<b>Classification</b>	CDA Entry Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Used by / Uses</b>	Used by 0 transactions and 9 templates, Uses 1 template				
	<b>Used by</b>	<b>as</b>	<b>Name</b>		
	2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017) 2017-03-24 16:26:22		
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017) 2017-03-21 10:41:01		
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017) 2017-03-16 23:57:18		
	2.16.756.5.30.1.1.1.3.9.1		Laboratory Report VI (2017) 2016-03-23		
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017) 2017-03-20 21:27:50		
	2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017) 2017-03-24 16:35:30		
	2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017) 2017-03-24 16:28:35		
	2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017) 2017-03-21 10:38:18		
			Circular reference found with cdachresp-template-entry-3, please check		
	2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017) 2017-03-24 16:18:41		
	<b>Uses</b>	<b>as</b>	<b>Name</b>		
	2.16.756.5.30.1.1.10.9.21	Containment	Device with Name (2017) DYNAMIC		
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.9999.10.9.11 (2016-07-05)				
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>	<b>Label</b>
@typeCode	cs	1 .. 1	F	DEV	



<b>hl7:participantRole</b>		<b>1 ... 1 R</b>		(chpalm_entry_ParticipantBodyDevice)
└ <b>hl7:playingDevice</b>		<b>1 ... 1 R</b>	Analyzer used to determine the result. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device with Name</i> (DYNAMIC)	(chpalm_entry_ParticipantBodyDevice)
└ <b>hl7:scopingEntity</b>		<b>0 ... 1</b>	The test kit and its manufacturer CAN be specified.	(chpalm_entry_ParticipantBodyDevice)
└ <b>hl7:id</b>	<b>II</b>	<b>0 ... *</b>	The number of the test kit with which the result was determined CAN be specified. Multiple numbers are PERMITTED.	(chpalm_entry_ParticipantBodyDevice)
└└ <b>@extension</b>	st	<b>1 ... 1 R</b>	MUST contain the number itself. The number MUST be unique within the system that issued the number.	
└└ <b>@root</b>	uid	<b>1 ... 1 R</b>	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.	
└ <b>hl7:code</b>	<b>CE</b>	<b>0 ... 1</b>	A code that identifies the test kit CAN be specified. If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used. In this case, @code, @codeSystem and @codeSystemName are NOT ALLOWED. TODO schematron to check these busines rules.	(chpalm_entry_ParticipantBodyDevice)
└└ <b>@nullFlavor</b>	cs	<b>0 ... 1 F</b>	ASKU	
└└ <b>@displayName</b>	st	<b>1 ... 1 R</b>	If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used. Name of the test kit, as used in the narrative text.	
└└ <b>@codeSystemName</b>	st	<b>0 ... 1</b>	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└└ <b>@codeSystem</b>	oid	<b>0 ... 1</b>	The OID of the code system MUST be specified.	
└└ <b>@code</b>	cs	<b>0 ... 1</b>	The code MUST be specified.	
└ <b>hl7:desc</b>	<b>ED</b>	<b>0 ... 1</b>	The manufacturer (name) of the test kit and any further information MAY be declared.	(chpalm_entry_ParticipantBodyDevice)

### 1.4.2. Specimen Collection

<b>Id</b>	2.16.756.5.30.1.1.10.4.11 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-24 16:18:41
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_SpecimenCollection	<b>Display Name</b>	Specimen Collection
<b>Description</b>	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.		

<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 9 templates, Uses 5 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)
	2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017)
	2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)
	2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)
	2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)
			Circular reference found with cdachresp-template-entry-3, please check
	2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.9.14	Include	Narrative text reference (2017)
	2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer (Body) (2017)
	2.16.756.5.30.1.1.10.4.24	Containment	Participant (Body, specimen collection) (2017)
	2.16.756.5.30.1.1.10.4.12	Containment	Specimen Received (2017)
	2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)
<b>Relationship</b>	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 (2016-07-05)		


Item	DT	Card	Conf	Description	Label
<b>h17:procedure</b>					(chpalm_entry_SpecimenCollection)
<b>@classCode</b>	cs	1 ... 1	F	PROC	
<b>@moodCode</b>	cs	1 ... 1	F	EVN	

└ h17:templateId	II	1 ... 1	M		(chpalm_entry_SpecimenCollection)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.1.2	
└ h17:id	II	0 ... 1		An ID for this item CAN be filled for traceability.	(chpalm_entry_SpecimenCollection)
└ @extension	st	1 ... 1	R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└ @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.	
└ h17:code	CD	1 ... 1	M	LOINC specimen collection code.	(chpalm_entry_SpecimenCollection)
└ @code	CONF	1 ... 1	F	33882-2	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes)	
└ @displayName		1 ... 1	F	Collection date of Unspecified specimen	
└ @codeSystemName		1 ... 1	F	LOINC	
Included		1 ... 1		from 2.16.756.5.30.1.1.10.9.14 <i>Narrative text reference</i> (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.	
└ h17:text	ED	1 ... 1	R	MAY NOT contain any text. Instead, the reference to the narrative part of the section MUST be specified.	(chpalm_entry_SpecimenCollection)
└ h17: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']	(chpalm_entry_SpecimenCollection)
└ @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.	
└ h17: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.	(chpalm_entry_SpecimenCollection)
				<ul style="list-style-type: none"> <li>Timestamp: Is declared using @value. Minimum</li> </ul>	



				Contains 2.16.756.5.30.1.1.10.4.24 <i>Participant (Body, specimen collection)</i> (DYNAMIC)	
where [not(@nullFlavor)]					
└ h17: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 <i>Specimen Received</i> (DYNAMIC)	(chpalm_entry_SpecimenCollection)
└ @typeCode	cs	1 ... 1	F	COMP	
└ h17: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: <ul style="list-style-type: none"> <li>▪ Collection period for 24 hour urine test: @code='13362-9' (Collection duration of Urine), @value='24', @unit='h'</li> <li>▪ 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)</li> </ul> Contains 2.16.756.5.30.1.1.10.4.3 <i>Laboratory Observation</i> (DYNAMIC)	(chpalm_entry_SpecimenCollection)
└ @typeCode	cs	1 ... 1	F	COMP	


### 1.4.3. Specimen Received

<b>Id</b>	2.16.756.5.30.1.1.10.4.12 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-24 16:20:04
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_SpecimenReceived	<b>Display Name</b>	Specimen Received
<b>Description</b>	A laboratory report MAY contain information on the reception of the specimen at the laboratory.		
<b>Classification</b>	CDA Entry Level Template		

<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 9 templates, Uses 1 template		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2017)	2017-03-24 16:18:41
		Circular reference found with cdachresp-template-entry-11, please check	
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-03-24 16:26:22
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)	2017-03-16 23:57:18
2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-03-24 16:28:35
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-03-21 10:38:18
<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
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 (2016-07-05)

Item	DT	Card	Conf	Description	Label
<b>h17:act</b>					(chpalm_entry_SpecimenReceived)
└ @classCode	cs	1 ... 1	F	ACT	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	M		(chpalm_entry_SpecimenReceived)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.1.3	
└ h17: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	(chpalm_entry_SpecimenReceived)

				case @root and @extension are NOT ALLOWED. TODO schematron to check these busines rules.	
└ @nullFlavor	cs	0 ... 1	F	ASKU	
└ @extension	st	1 ... 1	R	If specimen identification is not available, nullFlavor='ASKU' MUST be used. MUST contain the specimen identification as issued by the customer. The number MUST be unique within the system that issued the number.	
└ @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.	
└ h17:code	CD	1 ... 1	R		(chpalm_entry_SpecimenReceived)
└ @code	CONF	1 ... 1	F	SPRECEIVE	
└ @codeSystem		1 ... 1	F	1.3.5.1.4.1.19376.1.5.3.2	
└ @codeSystemName		1 ... 1	F	IHEActCode	
└ @displayName		1 ... 1	F	Receive Time	
Included		1 ... 1		from 2.16.756.5.30.1.1.10.9.14 <i>Narrative text reference</i> (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.	
└ h17:text	ED	1 ... 1	R	MAY NOT contain any text. Instead, the reference to the narrative part of the section MUST be specified.	(chpalm_entry_SpecimenReceived)
└ h17: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']	(chpalm_entry_SpecimenReceived)
└ @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.	
└ h17: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.	(chpalm_entry_SpecimenReceived)
	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.

### 1.4.4. Case Identification

<b>Id</b>	2.16.756.5.30.1.1.10.4.15 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-24 16:24:25
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_Caseidentification	<b>Display Name</b>	Case Identification
<b>Description</b>	If an examination belongs to a specific case, this CAN be documented with this element (in the Notification Organizer).		
<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 6 templates, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017) 2017-03-24 16:21:13
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017) 2017-03-21 10:41:01
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017) 2017-03-16 23:57:18
	2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017) 2016-03-23
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017) 2017-03-20 21:27:50
	2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017) 2017-03-24 16:35:30
<b>Relationship</b>	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)		
<b>Example</b>	XD-LAB Example		
	<pre>&lt;observation classCode="CASE" moodCode="EVN"&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.3.1.1.2"/&gt; &lt;id extension="SALM_83747" root="1.3.6.1.4.1.19376.1.3.4"/&gt; &lt;code code="416341003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT" displayName="Case Started"/&gt; &lt;statusCode code="completed"/&gt; &lt;effectiveTime value="20080408000000.0000-0400"/&gt; &lt;value xsi:type="CE"</pre>		



```
code="27268008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED-CT"
displayName="Salmonella" /></observation>
```

Item	DT	Card	Conf	Description	Label
<b>h17:observation</b>					(chpalm_entry_Caseidentification)
└ @classCode	cs	1 ... 1	F	CASE	
└ @moodCode	cs	1 ... 1	F	EVN	
└ <b>h17:templateId</b>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>		(chpalm_entry_Caseidentification)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.1.1.2	
└ <b>h17:id</b>	<b>II</b>	<b>0 ... *</b>	<b>R</b>	The number of the case to which the examinations belong in this section <b>MUST</b> be declared. Multiple case numbers <b>CAN</b> be specified.	(chpalm_entry_Caseidentification)
└ @extension	st	1 ... 1	R	<b>MUST</b> contain the case identification itself. The case identification <b>MUST</b> be unique within the system that issued the ID.	
└ @root	uid	1 ... 1	R	<b>MUST</b> 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 <b>REQUIRED</b> . Others are <b>NOT ALLOWED</b> .	
└ <b>h17:code</b>	<b>CE</b>	<b>1 ... 1</b>	<b>R</b>	The type of the case <b>MUST</b> 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) <b>SHOULD</b> be used.	(chpalm_entry_Caseidentification)
└ @displayName	st	1 ... 1	R	The displayName of the code <b>MUST</b> be specified for tracking purposes. However, processing is <b>NOT ALLOWED</b> . Instead, a processing system is to display a user readable language translation of the code from the value set.	
└ @codeSystemName	st	1 ... 1	R	The name of the code system <b>MUST</b> be specified for tracking purposes. However, processing is <b>NOT ALLOWED</b> .	
└ @codeSystem	oid	1 ... 1	R	The OID of the code system <b>MUST</b> be specified.	
└ @code	cs	1 ... 1	R	The code <b>MUST</b> be specified.	
└ <b>h17:statusCode</b>	<b>CS</b>	<b>1 ... 1</b>	<b>M</b>	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.	(chpalm_entry_Caseidentification)

	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 <i>ActStatusAbortedCompleted</i> (DYNAMIC)			
└ h17:effectiveTime	IVL.TS.CH.TZ	0 ... 1		MAY contain the period of validity of the case.	(chpalm_entry_Caseidentification)
└ h17:low	TS.CH.TZ	1 ... 1	R	Start of the period. If it is not known, nullFavor='UNK' MUST be used.	(chpalm_entry_Caseidentification)
└ h17:high	TS.CH.TZ	1 ... 1	R	End of the period. If it is not known, nullFavor='UNK' MUST be used.	(chpalm_entry_Caseidentification)
└ h17: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.	(chpalm_entry_Caseidentification)
	Schematron assert	role		error	
		test		(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='NAV')	
		Message		Either a code with its code system or nullFlavor='UNK' is required.	

### 1.4.5. Laboratory Isolate Organizer

<b>Id</b>	2.16.756.5.30.1.1.10.4.17 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-24 16:26:22
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_LaboratoryIsolateOrganizer	<b>Display Name</b>	Laboratory Isolate Organizer
<b>Description</b>	The Laboratory Isolate Organizer MUST ONLY be used if it is a microbiological specimen with which isolates/germs were examined.		
<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 5 templates, Uses 13 templates		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)	2017-03-16 23:57:18

2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
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 (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author with Name, Addr, Telecom (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Participant (Body, responsible party) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Participant (Body, device) (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 (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 1.3.6.1.4.1.19376.1.3.1.5 (2008-08-08)

**Example**

```

XD-LAB Example
<organizer classCode="CLUSTER" moodCode="EVN">
  <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 extension="55584739" root="1.3.6.1.4.1.19376.1.3.4"/> <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
<b>h17:organizer</b>					(chpalm_entry_LaboratoryIsolateOrganizer)
└ @classCode	cs	1 ... 1	F	CLUSTER	
└ @moodCode	cs	1 ... 1	F	EVN	
└ <b>h17:templateId</b>	II	1 ... 1	M		(chpalm_entry_LaboratoryIsolateOrganizer)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.1.5	
└ <b>h17:id</b>	II	0 ... 1	R	An ID for this item CAN be filled for traceability.	(chpalm_entry_LaboratoryIsolateOrganizer)
└└ @extension	st	1 ... 1	R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└└ @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.	
└ <b>h17:code</b>	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	(chpalm_entry_LaboratoryIsolateOrganizer)

				be used. IF this isolate group contains any other results, then the code SHOULD be omitted.	
└ @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.	
└ @codeSystemName	st	1 ... 1	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @codeSystem	oid	1 ... 1	R	The OID of the code system MUST be specified.	
└ @code	cs	1 ... 1	R	The code MUST be specified.	
Included		1 ... 1		from 2.16.756.5.30.1.1.10.9.14 <i>Narrative text reference</i> (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.	
└ h17:text	ED	1 ... 1	R	MAY NOT contain any text. Instead, the reference to the narrative part of the section MUST be specified.	(chpalm_entry_LaboratoryIsolateOrganizer)
└ h17: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']	(chpalm_entry_LaboratoryIsolateOrganizer)
└ @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.	
└ h17: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. The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.	(chpalm_entry_LaboratoryIsolateOrganizer)
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20309 <i>ActStatusAbortedCancelledCompleted</i> (DYNAMIC)	
└ h17:effectiveTime	IVL_TS.CH.TZ	0 ... 1	R	Period of findings (physiologically relevant period) for all results in this isolate group.	(chpalm_entry_LaboratoryIsolateOrganizer)

└ h17:low	TS.CH.TZ	1 ... 1	R	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.	(chpalm_entry_LaboratoryIsolateOrganizer)
	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.	
└ h17:high	TS.CH.TZ	1 ... 1	R	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.	(chpalm_entry_LaboratoryIsolateOrganizer)
	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.	
Choice		0 ... 1		<ul style="list-style-type: none"> <li>h17:subject containing template 2.16.756.5.30.1.1.10.4.5 <i>Non-Human Subject (Body)</i> (DYNAMIC)</li> <li>h17:subject containing template 2.16.756.5.30.1.1.10.4.6 <i>Human Patient with Non-Human Subject (Body)</i> (DYNAMIC)</li> </ul>	
└ h17:subject		0 ... 1		Contains 2.16.756.5.30.1.1.10.4.5 <i>Non-Human Subject (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ h17:subject		0 ... 1		Contains 2.16.756.5.30.1.1.10.4.6 <i>Human Patient with Non-Human Subject (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ h17: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 <i>Laboratory Performer (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ h17:author		0 ... *		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level.	(chpalm_entry_LaboratoryIsolateOrganizer)

			Contains 2.16.756.5.30.1.1.10.9.16 <i>Author with Name, Addr, Telecom</i> (DYNAMIC)	
			This CAN be used to identify other parties:	
			<ul style="list-style-type: none"> <li>▪ Who has verified the result (AUTHEN).</li> <li>▪ Which external laboratory has delivered the result (RESP).</li> <li>▪ Which device (analyzer) was used to determine the result (DEV).</li> </ul>	
			Elements to choose from:	
Choice		0 ... *	<ul style="list-style-type: none"> <li>▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 <i>Laboratory Results Validator (Body)</i> (DYNAMIC)</li> <li>▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 <i>Participant (Body, responsible party)</i> (DYNAMIC)</li> <li>▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 <i>Participant (Body, device)</i> (DYNAMIC)</li> </ul>	
	└ 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 <i>Laboratory Results Validator (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
	└ 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 <i>Participant (Body, responsible party)</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
	└ 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 <i>Participant (Body, device)</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
			Elements to choose from:	
Choice		1 ... *	<ul style="list-style-type: none"> <li>▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.11 <i>Specimen Collection</i> (DYNAMIC)</li> </ul>	

				<ul style="list-style-type: none"> <li>hl7:component containing template 2.16.756.5.30.1.1.10.4.3 <i>Laboratory Observation</i> (DYNAMIC)</li> <li>hl7:component containing template 2.16.756.5.30.1.1.10.4.18 <i>Multimedia Embedded Content</i> (DYNAMIC)</li> <li>hl7:component containing template 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC)</li> </ul>	
└ h17:component		0 ... *		Contains 2.16.756.5.30.1.1.10.4.11 <i>Specimen Collection</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ @typeCode	cs	1 ... 1	F	COMP	
└ h17:component		0 ... *		Contains 2.16.756.5.30.1.1.10.4.3 <i>Laboratory Observation</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ @typeCode	cs	1 ... 1	F	COMP	
└ h17:component		0 ... *		Contains 2.16.756.5.30.1.1.10.4.18 <i>Multimedia Embedded Content</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ @typeCode	cs	1 ... 1	F	COMP	
└ h17:component		0 ... *		Contains 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ @typeCode	cs	1 ... 1	F	COMP	
└ h17:reference		0 ... *		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 <i>External document</i> (DYNAMIC)	(chpalm_entry_LaboratoryIsolateOrganizer)
└ @typeCode	cs	1 ... 1	F	REFR	

### 1.4.6. Multimedia Embedded Content

<b>Id</b>	2.16.756.5.30.1.1.10.4.18 ref (from repository: ch-palm-)
<b>Status</b>	 Draft
<b>Name</b>	chpalm_entry_MultimediaEmbeddedContent

<b>Effective Date</b>	valid from 2017-03-24 16:27:41
<b>Version Label</b>	2017
<b>Display Name</b>	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.

<b>Classification</b>	CDA Entry Level Template
<b>Open/Closed</b>	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
2.16.756.5.30.1.1.10.4.17	Containment	 Laboratory Isolate Organizer (2017)	2017-03-24 16:26:22
2.16.756.5.30.1.1.10.4.4		 Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
2.16.756.5.30.1.1.10.3.3		 Laboratory Speciality Section (2017)	2017-03-16 23:57:18
2.16.756.5.30.1.1.1.3.9.1		 Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.10.3.5		 Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26		 Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
2.16.756.5.30.1.1.10.4.19	Containment	 Laboratory Battery Organizer (2017)	2017-03-24 16:28:35

<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.304 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.9999.10.9.12 (2016-07-05)
---------------------	---

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>
    
```

Item	DT	Card	Conf	Description	Label
<b>h17:observationMedia</b>					(chpalm_entry_MultimediaEmbeddedContent)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	
└ @ID	uuid	1 ... 1	R	Key for the reference to the narrative part of the document (<renderMultimedia referencedObject="the Key..."/>)	
└ <b>h17:id</b>	<b>II</b>	<b>0 ... 1</b>		An ID for this item CAN be filled for traceability.	(chpalm_entry_MultimediaEmbeddedContent)
└ @extension	st	1 ... 1	R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└ @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.	
└ <b>h17:value</b>	<b>ED</b>	<b>1 ... 1</b>	<b>R</b>		(chpalm_entry_MultimediaEmbeddedContent)
└ @representation	cs	1 ... 1	F	B64	
└ @mediaType	cs	1 ... 1	R	Indicates that the object is Base-64 encoded. 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 <i>Multimedia Embedded Media Types</i> (DYNAMIC)	
└ <b>h17:entryRelationship</b>			NP	This template defines only the embedding of multimedia objects in the CDA document.	(chpalm_entry_MultimediaEmbeddedContent)
└ <b>h17:reference</b>			NP	This template defines only the	(chpalm_entry_MultimediaEmbeddedContent)






				embedding of multimedia objects in the CDA document.	
--	--	--	--	--	--

### 1.4.7. Laboratory Battery Organizer

<b>Id</b>	2.16.756.5.30.1.1.10.4.19 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-24 16:28:35
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_LaboratoryBatteryOrganizer	<b>Display Name</b>	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.

<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 5 templates, Uses 13 templates		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.10.4.4	Containment 	Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)	2017-03-16 23:57:18
2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
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 (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject (Body) (2017)	DYNAMIC

	2.16.756.5.30.1.1.10.4.7	Containment	● Laboratory Performer (Body) (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.16	Containment	● Author with Name, Addr, Telecom (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.4.8	Containment	● Laboratory Results Validator (Body) (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.4.9	Containment	● Participant (Body, responsible party) (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.4.10	Containment	● Participant (Body, device) (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 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.4.29	Containment	● External document (2017)	DYNAMIC
<b>Relationship</b>	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 (2016-07-05)			

Item	DT	Card	Conf	Description	Label
<b>hl7:organizer</b>					(chpalm_entry_LaboratoryBatteryOrganizer)
└ @classCode	cs	1 ... 1	F	BATTERY	
└ @moodCode	cs	1 ... 1	F	EVN	
└ hl7:templateId	II	1 ... 1	M		(chpalm_entry_LaboratoryBatteryOrganizer)
└└ @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 CAN be filled for traceability.	(chpalm_entry_LaboratoryBatteryOrganizer)
└└ @extension	st	1 ... 1	R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└└└ @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.	
└ 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	(chpalm_entry_LaboratoryBatteryOrganizer)

				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.	
└ @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.	
└ @codeSystemName	st	1 ... 1	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└ @codeSystem	oid	1 ... 1	R	The OID of the code system MUST be specified.	
└ @code	cs	1 ... 1	R	The code MUST be specified.	
Included		1 ... 1		from 2.16.756.5.30.1.1.10.9.14 <i>Narrative text reference</i> (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.	
└ h17:text	ED	1 ... 1	R	MAY NOT contain any text. Instead, the reference to the narrative part of the section MUST be specified.	(chpalm_entry_LaboratoryBatteryOrganizer)
└ h17: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']	(chpalm_entry_LaboratoryBatteryOrganizer)
└ @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.	
└ h17: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.	(chpalm_entry_LaboratoryBatteryOrganizer)
	CONF			The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 <i>ActStatusAbortedCompleted</i> (DYNAMIC)	

└ h17:effectiveTime	IVL_TS.CH.TZ	1 ... 1	R	Period of findings (physiologically relevant period) for all results in this result group.	(chpalm_entry_LaboratoryBatteryOrganizer)
└ h17:low	TS.CH.TZ	1 ... 1	R	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.	(chpalm_entry_LaboratoryBatteryOrganizer)
	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.	
└ h17:high	TS.CH.TZ	1 ... 1	R	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.	(chpalm_entry_LaboratoryBatteryOrganizer)
	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.	
				IF this result group is based on a specimen of a non-human material, the subject element MUST be declared. Elements to choose from:	
Choice		0 ... 1		<ul style="list-style-type: none"> <li>▪ h17:subject containing template 2.16.756.5.30.1.1.10.4.5 <i>Non-Human Subject (Body)</i> (DYNAMIC)</li> <li>▪ h17:subject containing template 2.16.756.5.30.1.1.10.4.6 <i>Human Patient with Non-Human Subject (Body)</i> (DYNAMIC)</li> </ul>	
└ h17:subject		0 ... 1		Contains 2.16.756.5.30.1.1.10.4.5 <i>Non-Human Subject (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ h17:subject		0 ... 1		Contains 2.16.756.5.30.1.1.10.4.6 <i>Human Patient with Non-Human Subject (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ h17: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 <i>Laboratory Performer (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ h17:author		0 ... *		This CAN be used to indicate who has documented the result. This information	(chpalm_entry_LaboratoryBatteryOrganizer)

			<p>supersedes any information recorded at higher level.                  Contains 2.16.756.5.30.1.1.10.9.16 <i>Author with Name, Addr, Telecom</i> (DYNAMIC)</p>	
Choice		0 ... *	<p>This CAN be used to identify other parties:</p> <ul style="list-style-type: none"> <li>▪ Who has verified the result (AUTHEN).</li> <li>▪ Which external laboratory has delivered the result (RESP).</li> <li>▪ Which device (analyzer) was used to determine the result (DEV).</li> </ul> <p>Elements to choose from:</p> <ul style="list-style-type: none"> <li>▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 <i>Laboratory Results Validator (Body)</i> (DYNAMIC)</li> <li>▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 <i>Participant (Body, responsible party)</i> (DYNAMIC)</li> <li>▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 <i>Participant (Body, device)</i> (DYNAMIC)</li> </ul>	
	└ hl7:participant	0 ... *	<p>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 <i>Laboratory Results Validator (Body)</i> (DYNAMIC)</p>	(chpalm_entry_LaboratoryBatteryOrganizer)
	└ hl7:participant	0 ... *	<p>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 <i>Participant (Body, responsible party)</i> (DYNAMIC)</p>	(chpalm_entry_LaboratoryBatteryOrganizer)
	└ hl7:participant	0 ... *	<p>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 <i>Participant (Body, device)</i> (DYNAMIC)</p>	(chpalm_entry_LaboratoryBatteryOrganizer)
Choice		0 ... *	<p>Elements to choose from:</p>	

				<ul style="list-style-type: none"> <li>▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.11 <i>Specimen Collection</i> (DYNAMIC)</li> <li>▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.3 <i>Laboratory Observation</i> (DYNAMIC)</li> <li>▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.18 <i>Multimedia Embedded Content</i> (DYNAMIC)</li> <li>▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC)</li> </ul>	
└ hl7:entryRelationship		0 ... *		Contains 2.16.756.5.30.1.1.10.4.11 <i>Specimen Collection</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ @typeCode	cs	1 ... 1	F	COMP	
└ hl7:entryRelationship		0 ... *		Contains 2.16.756.5.30.1.1.10.4.3 <i>Laboratory Observation</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ @typeCode	cs	1 ... 1	F	COMP	
└ hl7:entryRelationship		0 ... *		Contains 2.16.756.5.30.1.1.10.4.18 <i>Multimedia Embedded Content</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ @typeCode	cs	1 ... 1	F	COMP	
└ hl7:entryRelationship		0 ... *		Contains 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ @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 <i>External document</i> (DYNAMIC)	(chpalm_entry_LaboratoryBatteryOrganizer)
└ @typeCode	cs	1 ... 1	F	REFR	

### 1.4.8. Annotation Comments

<b>Id</b>	2.16.756.5.30.1.1.10.4.2 ref (from repository: ch-pcc-)
<b>Status</b>	 Draft

<b>Effective Date</b>	valid from 2017-03-24 16:47:30
<b>Version Label</b>	2017



<b>Name</b>	chpcc_entry_AnnotationComments		<b>Display Name</b>	Annotation Comments
<b>Description</b>	This entry allows for a comment to be supplied with each entry.			
<b>Classification</b>	CDA Entry Level Template			
<b>Open/Closed</b>	Open (other than defined elements are allowed)			
<b>Used by / Uses</b>	Used by 0 transactions and 25 templates, Uses 2 templates			
	<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
	2.16.756.5.30.1.1.10.3.2	Containment	Remarks Section (2017)	2017-03-28 22:53:51
	2.16.756.5.30.1.1.10.1.3		eCurrentMedication (2017)	2016-05-13
	2.16.756.5.30.1.1.10.1.4		eRezept (2017)	2016-05-21
	2.16.756.5.30.1.1.10.1.5		eAbgabe (2017)	2016-05-21
	2.16.756.5.30.1.1.10.1.6		eMedicationComment (2017)	2016-05-21
	2.16.756.5.30.1.1.10.1.7		eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31
	2.16.756.5.30.1.1.10.3.2	Containment	CDA-CH Remarks Section	2016-03-17
	2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-03-24 16:26:22
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)	2017-03-16 23:57:18
	2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017)	2017-03-20 21:27:50
	2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
	2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-03-24 16:28:35
	2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-03-21 10:38:18
			Circular reference found with cdachresp-template-entry-3, please check	
	2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-03-24 16:18:41
	2.16.756.5.30.1.1.10.4.34	Containment	Medication Treatment Plan Item Entry Content Module (2017)	2016-06-13
	2.16.756.5.30.1.1.10.3.13		Medication Treatment Plan Section Content Module (2017)	2017-05-01 12:51:36
	2.16.756.5.30.1.1.10.3.9		eCurrentMedication Section Content Module (2017)	2016-05-21

2.16.756.5.30.1.1.10.4.44			Pharmaceutical Advice Item Entry Content Module (2017)	2016-06-25
2.16.756.5.30.1.1.10.3.12			Pharmaceutical Advice Section Content Module (2017)	2016-06-06
2.16.756.5.30.1.1.10.4.42	Containment		Dispense Item Entry Content Module (2017)	2016-06-17
2.16.756.5.30.1.1.10.3.11			Dispense Section Content Module (2017)	2016-06-06
2.16.756.5.30.1.1.10.4.43	Containment		Prescription Item Entry Content Module (2017)	2016-06-25
2.16.756.5.30.1.1.10.3.10			Prescription Section Content Module (2017)	2016-06-06
<b>Uses</b>	<b>as</b>	<b>Name</b>		<b>Version</b>
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 with Name, Addr, Telecom (2017)	DYNAMIC

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

**Example**







```

<act classCode="ACT" moodCode="EVN">
  <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" displayName="Annotation Comment"
codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/> <text>
  <reference value="#comment-2"/> </text> <statusCode code="completed"/> <author>
  <time value=""/> <assignedAuthor>
    <id root="" extension=""/> <addr/> <telecom value="" use=""/> <assignedPerson>
      <name/> </assignedPerson> <representedOrganization>
      <name/> </representedOrganization> </assignedAuthor> </author></act>
    
```

Item	DT	Card	Conf	Description	Label
<b>h17:act</b>			<b>R</b>		(chpcc_entry_AnnotationComments)
└ @classCode	cs	1 ... 1	F	ACT	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	<b>II</b>	1 ... 1	<b>M</b>		(chpcc_entry_AnnotationComments)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.40	















└ h17:templateId	II	1 ... 1 M		(chpcc_entry_AnnotationComments)
└ @root	uid	1 ... 1 F	1.3.6.1.4.1.19376.1.5.3.1.4.2	
└ h17:id	II	0 ... 1	An ID for this item CAN be filled for traceability.	(chpcc_entry_AnnotationComments)
└ @extension	st	1 ... 1 R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└ @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.	
└ h17:code	CD	1 ... 1 M		(chpcc_entry_AnnotationComments)
└ @displayName	st	1 ... 1 F	Annotation comment	
└ @codeSystemName	st	1 ... 1 F	LOINC	
└ @codeSystem	oid	1 ... 1 F	2.16.840.1.113883.6.1	
└ @code	cs	1 ... 1 F	48767-8	
Included		1 ... 1	from 2.16.756.5.30.1.1.10.9.14 <i>Narrative text reference</i> (DYNAMIC) The reference to the text in the narrative section of the section MUST be specified.	
└ h17:text	ED	1 ... 1 R	MAY NOT contain any text. Instead, the reference to the narrative part of the section MUST be specified.	(chpcc_entry_AnnotationComments)
└ h17: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']	(chpcc_entry_AnnotationComments)
└ @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.	
└ h17:statusCode	CS	1 ... 1 M	The status 'completed' indicates that the comment is final.	(chpcc_entry_AnnotationComments)
	CONF		The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 <i>ActStatusCompleted</i> (DYNAMIC)	
└ h17:author		0 ... *	Der Autor des Kommentars KANN angegeben werden. Contains 2.16.756.5.30.1.1.10.9.16 <i>Author with Name, Addr, Telecom</i> (DYNAMIC)	(chpcc_entry_AnnotationComments)

### 1.4.9. Vital Signs Organizer Entry

<b>Id</b>	2.16.756.5.30.1.1.10.4.20 ref (from repository: hl7chcda-)	<b>Effective Date</b>	valid from 2017-03-28 22:50:52 There are versions of templates with this id: <ul style="list-style-type: none"> <li>▪ CDA-CH-VitalSignsOrganizerEntry as of 2017-03-28 22:50:52</li> <li>▪ CDA-CH-VitalSignsOrganizerEntry as of 2016-07-02</li> </ul>		
<b>Status</b>	 Draft	<b>Version Label</b>	2017		
<b>Name</b>	CDA-CH-VitalSignsOrganizerEntry	<b>Display Name</b>	Vital Signs Organizer Entry		
<b>Description</b>	see languages de-CH, fr-CH or it-CH for description				
<b>Classification</b>	CDA Entry Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Used by / Uses</b>	Used by 0 transactions and 4 templates, Uses 1 template				
	<b>Used by</b>	<b>as</b>	<b>Name</b>		
	2.16.756.5.30.1.1.10.3.4	Containment 	Coded Vital Signs Section (2017)		
	2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)		
	2.16.756.5.30.1.127.10.1.3		Laborbefund Transplantationsprozess		
	2.16.756.5.30.1.1.10.3.4	Containment 	CDA-CH Coded Vital Signs Section		
	<b>Uses</b>	<b>as</b>	<b>Name</b>		
	2.16.756.5.30.1.1.10.4.21	Containment 	Vital Signs Observation (2017)		
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.4.20 (2016-07-02) Specialization: template 2.16.840.1.113883.10.12.305 (2005-09-07)				
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>	<b>Label</b>
hl7:organizer					(CDA-CH-VitalSignsOrganizerEntry)
└ @classCode	cs	1 ... 1	F	CLUSTER	
└ @moodCode	cs	1 ... 1	F	EVN	

└ h17:templateId	II	1 ... 1 M		(CDA-CH-VitalSignsOrganizerEntry)
└ @root	uid	1 ... 1 F	1.3.6.1.4.1.19376.1.5.3.1.4.13.1	
└ h17:templateId	II	1 ... 1 M		(CDA-CH-VitalSignsOrganizerEntry)
└ @root	uid	1 ... 1 F	2.16.840.1.113883.10.20.1.32	
└ h17:templateId	II	1 ... 1 M		(CDA-CH-VitalSignsOrganizerEntry)
└ @root	uid	1 ... 1 F	2.16.840.1.113883.10.20.1.35	
└ h17:id	II	0 ... *		(CDA-CH-VitalSignsOrganizerEntry)
└ h17:code	CE	1 ... 1 R		(CDA-CH-VitalSignsOrganizerEntry)
└ @code	CONF	1 ... 1 F	46680005	
└ @codeSystem		1 ... 1 F	2.16.840.1.113883.6.96 (SNOMED Clinical Terms)	
└ @displayName		1 ... 1 F	VITAL SIGNS	
└ @codeSystemName		1 ... 1 F	SNOMED CT	
└ h17:statusCode	CS	1 ... 1 M		(CDA-CH-VitalSignsOrganizerEntry)
└ @code	CONF	1 ... 1 F	completed	
└ h17:effectiveTime	IVL_TS.CH.TZ	0 ... 1 R		(CDA-CH-VitalSignsOrganizerEntry)
└ h17:component		0 ... *	Contains 2.16.756.5.30.1.1.10.4.21 <i>Vital Signs Observation</i> (DYNAMIC)	(CDA-CH-VitalSignsOrganizerEntry)
└ @typeCode	cs	0 ... 1 F	COMP	
└ @contextConductionInd	bl	0 ... 1		
└ h17:sequenceNumber	INT	0 ... 1		(CDA-CH-VitalSignsOrganizerEntry)
└ h17:seperatableInd	BL	0 ... 1		(CDA-CH-VitalSignsOrganizerEntry)


#### 1.4.10. Vital Signs Observation

<b>Id</b>	2.16.756.5.30.1.1.10.4.21 ref (from repository: ch-pcc-)	<b>Effective Date</b>	valid from 2017-03-24 16:48:39
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpcc_entry_VitalSignsObservation	<b>Display Name</b>	Vital Signs Observation
<b>Description</b>	Structured notation of a measured value resp. an observation of a single vital sign (such as body height, weight, blood pressure).		
<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 6 templates, Uses 1 template		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.4.20	Containment 	 Vital Signs Organizer Entry (2017)
	2.16.756.5.30.1.1.10.3.4		 Coded Vital Signs Section (2017)
	2.16.756.5.30.1.1.1.1.3.9.1		 Laboratory Report V1 (2017)
	2.16.756.5.30.1.127.10.1.3		 Laborbefund Transplantationsprozess
	2.16.756.5.30.1.1.10.3.4		 CDA-CH Coded Vital Signs Section
	2.16.756.5.30.1.1.10.4.20	Containment 	 CDA-CH Vital Signs Organizer Entry
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.9.14	Include	 Narrative text reference (2017)
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2016-09-26 08:43:40)		
<b>Example</b>	<p>Example</p> <pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.21"/&gt; &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/&gt; &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.2"/&gt; &lt;templateId root="2.16.840.1.113883.10.20.1.31"/&gt; &lt;id root="3B9A88CF-E868-490B-B0BF-DA25E7D2F9FA"/&gt; &lt;code code="3137-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt; &lt;text&gt;   &lt;reference value="#o1"/&gt; &lt;/text&gt; &lt;statusCode code="completed"/&gt; &lt;effectiveTime value="20081118"/&gt; &lt;value xsi:type="PQ" value="178" unit="cm"/&gt; &lt;interpretationCode code="N"</pre>		

codeSystem="2.16.840.1.113883.5.83"/> <methodCode nullFlavor="NA"/> <targetSiteCode nullFlavor="NA"/></observation>					
Item	DT	Card	Conf	Description	Label
h17:observation					(chpcc_entry_VitalSignsObservation)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	M		(chpcc_entry_VitalSignsObservation)
└└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.4.21	
└ h17:templateId	II	1 ... 1	M		(chpcc_entry_VitalSignsObservation)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
└ h17:templateId	II	1 ... 1	M		(chpcc_entry_VitalSignsObservation)
└└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.2	
└ h17:templateId	II	1 ... 1	M		(chpcc_entry_VitalSignsObservation)
└└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.31	
└ h17:id	II	1 ... 1	M	An ID for this item CAN be filled for traceability.	(chpcc_entry_VitalSignsObservation)
└└ @extension	st	1 ... 1	R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└└└ @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.	
└ h17:code	CD	1 ... 1	R		(chpcc_entry_VitalSignsObservation)
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.5 Vital Signs Observation (DYNAMIC)	
Included		1 ... 1		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.	

└ h17:text	ED	1 ... 1 R	MAY NOT contain any text. Instead, the reference to the narrative part of the section MUST be specified.	(chpcc_entry_VitalSignsObservation)
└ h17: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']	(chpcc_entry_VitalSignsObservation)
└ @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.	
└ h17:statusCode	CS	1 ... 1 M	The status 'completed' indicates that the observation is final.	(chpcc_entry_VitalSignsObservation)
	CONF		The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 <i>ActStatusCompleted</i> (DYNAMIC)	
└ h17:effectiveTime	IVL_TS.CH.TZ	1 ... 1 R		(chpcc_entry_VitalSignsObservation)
└ h17:value	ANY	1 ... 1 R	According to table in [IHE PCC TF-2], 6.3.4.22.3	(chpcc_entry_VitalSignsObservation)
└ h17:interpretationCode	CE	0 ... * R		(chpcc_entry_VitalSignsObservation)
└ h17:methodCode	CE	0 ... * R		(chpcc_entry_VitalSignsObservation)
└ h17:targetSiteCode	CD	0 ... * R		(chpcc_entry_VitalSignsObservation)






### 1.4.11. Laboratory Report Data Processing Entry

<b>Id</b>	2.16.756.5.30.1.1.10.4.4 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-21 10:41:01
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_LaboratoryReportDataProcessingEntry	<b>Display Name</b>	Laboratory Report Data Processing Entry
<b>Description</b>	Each chapter (Laboratory Speciality Section and Laboratory Report Item Section) MUST contain exactly one findings group (CDA Body Laboratory Report Data Processing Entry).		
<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		



Used by / Uses

Used by 0 transactions and 4 templates, Uses 18 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.3.3	Containment	 Laboratory Speciality Section (2017)	2017-03-16 23:57:18
2.16.756.5.30.1.1.1.1.3.9.1		 Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.10.3.5	Containment	 Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26	Containment	 Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	 Non-Human Subject (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	 Human Patient with Non-Human Subject (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	 Laboratory Performer (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	 Author with Name, Addr, Telecom (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	 Laboratory Results Validator (Body) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	 Participant (Body, responsible party) (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	 Participant (Body, device) (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 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.29	Containment	 External document (2017)	DYNAMIC

Item	DT	Card	Conf	Description	Label
<b>h17:act</b>					(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ @classCode	cs	1 ... 1	F	ACT	
└ @moodCode	cs	1 ... 1	F	EVN	
└ <b>h17:templateId</b>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>		(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.1	
└ <b>h17:id</b>	<b>II</b>	<b>0 ... 1</b>		An ID for this item CAN be filled for traceability.	(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ @extension	st	1 ... 1	R	MUST contain the ID itself. The ID MUST be unique within the system that issued the ID.	
└ @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.	
└ <b>h17:code</b>	<b>CD</b>	<b>1 ... 1</b>	<b>M</b>	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. TODO schematron to check these business rules.	(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ <b>h17:text</b>	<b>ED</b>		<b>NP</b>	In the Laboratory Report Data Processing Entry, the text element is NOT PERMITTED for laboratory findings in Switzerland.	(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ <b>h17:statusCode</b>	<b>CS</b>	<b>1 ... 1</b>	<b>M</b>	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	(chpalm_entry_LaboratoryReportDataProcessingEntry)

			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 <i>ActStatusAbortedCancelledCompleted</i> (DYNAMIC)	
			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:	
Choice		0 ... 1	<ul style="list-style-type: none"> <li>▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 <i>Non-Human Subject (Body)</i> (DYNAMIC)</li> <li>▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 <i>Human Patient with Non-Human Subject (Body)</i> (DYNAMIC)</li> </ul>	
	└ hl7:subject	0 ... 1	Contains 2.16.756.5.30.1.1.10.4.5 <i>Non-Human Subject (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
	└ hl7:subject	0 ... 1	Contains 2.16.756.5.30.1.1.10.4.6 <i>Human Patient with Non-Human Subject (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
	└ 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 <i>Laboratory Performer (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
	└ 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 <i>Author with Name, Addr, Telecom</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
Choice		0 ... *	This CAN be used to identify other parties:	
			<ul style="list-style-type: none"> <li>▪ Who has verified the result (AUTHEN).</li> <li>▪ Which external laboratory has delivered the result (RESP).</li> </ul>	


			<ul style="list-style-type: none"> <li>Which device (analyzer) was used to determine the result (DEV).</li> </ul> <p>Elements to choose from:</p> <ul style="list-style-type: none"> <li>hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 <i>Laboratory Results Validator (Body)</i> (DYNAMIC)</li> <li>hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 <i>Participant (Body, responsible party)</i> (DYNAMIC)</li> <li>hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 <i>Participant (Body, device)</i> (DYNAMIC)</li> </ul>	
└ 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 <i>Laboratory Results Validator (Body)</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ 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 <i>Participant (Body, responsible party)</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ 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 <i>Participant (Body, device)</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
Choice		1 ... *	<p>A findings group may contain the following elements.</p> <p><b>Note:</b>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.</p> <p>Elements to choose from:</p>	

- 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 ... * R	Contains 2.16.756.5.30.1.1.10.4.11 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Specimen Collection</i> (DYNAMIC)
└ @typeCode	cs	1 ... 1 F	COMP
└ hl7:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.12 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Specimen Received</i> (DYNAMIC)
└ @typeCode	cs	1 ... 1 F	COMP
└ hl7:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.13 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Notification Organizer</i> (DYNAMIC)
└ @typeCode	cs	1 ... 1 F	COMP
└ hl7:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.14 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Notifiable Condition</i> (DYNAMIC)
└ @typeCode	cs	1 ... 1 F	COMP
└ hl7:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.15 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Case Identification</i> (DYNAMIC)

└ @typeCode	cs	1 ... 1 F	COMP	
└ h17:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.16 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Outbreak Identification</i> (DYNAMIC)	
└ @typeCode	cs	1 ... 1 F	COMP	
└ h17:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.17 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Laboratory Isolate Organizer</i> (DYNAMIC)	
└ @typeCode	cs	1 ... 1 F	COMP	
└ h17:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.19 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Laboratory Battery Organizer</i> (DYNAMIC)	
└ @typeCode	cs	1 ... 1 F	COMP	
└ h17:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.18 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Multimedia Embedded Content</i> (DYNAMIC)	
└ @typeCode	cs	1 ... 1 F	COMP	
└ h17:entryRelationship		0 ... * R	Contains 2.16.756.5.30.1.1.10.4.2 (chpalm_entry_LaboratoryReportDataProcessingEntry) <i>Annotation Comments</i> (DYNAMIC)	
└ @typeCode	cs	1 ... 1 F	COMP	
└ h17:reference		0 ... *	This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 <i>External document</i> (DYNAMIC)	(chpalm_entry_LaboratoryReportDataProcessingEntry)
└ @typeCode	cs	1 ... 1 F	REFR	

### 1.4.12. Non-Human Subject (Body)

<b>Id</b>	2.16.756.5.30.1.1.10.4.5 ref (from repository: ch-palm-)
<b>Status</b>	 Draft
<b>Name</b>	chpalm_entry_NonHumanSubject

<b>Effective Date</b>	valid from 2017-03-21 10:42:22
<b>Version Label</b>	2017
<b>Display Name</b>	Non-Human Subject (Body)

Description

If, in a part of the document, laboratory observations 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.

**Classification** CDA Entry Level Template

**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
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-03-24 16:26:22
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)	2017-03-16 23:57:18
2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-03-24 16:28:35
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-03-21 10:38:18
		Circular reference found with cdachresp-template-entry-3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-03-24 16:18:41

**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 (2016-07-05)

Example

XD-LAB example

```
<subject>
  <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>
  <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
h17:templateId	II	1 .. 1	M		(chpalm_entry_NonHumanSubject)
└ @root	uid	1 .. 1	F	1.3.6.1.4.1.19376.1.3.3.1.2.1	
h17:relatedSubject		1 .. 1	R		(chpalm_entry_NonHumanSubject)
└ h17: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='ASKU' including a displayName MUST be used. In this case, @code, @codeSystem and @codeSystemName are NOT ALLOWED. TODO schematron to check these busines rules.	(chpalm_entry_NonHumanSubject)
└ @nullFlavor	cs	0 .. 1	F	ASKU	



<b>L @displayName</b>	st	1 ... 1 R	If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used. Type of non-human material, as used in the narrative text.
<b>L @codeSystemName</b>	st	0 ... 1	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.
<b>L @codeSystem</b>	oid	0 ... 1	The OID of the code system MUST be specified.
<b>L @code</b>	cs	0 ... 1	The code MUST be specified.
<b>L h17:addr</b>	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. (chpalm_entry_NonHumanSubject)

### 1.4.13. Human Patient with Non-Human Subject (Body)

<b>Id</b>	2.16.756.5.30.1.1.10.4.6 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-21 10:44:54
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_HumanPatientWithNonHumanSubject	<b>Display Name</b>	Human Patient with Non-Human Subject (Body)

#### 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.

**Classification** CDA Entry Level Template

**Open/Close** 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
2.16.756.5.30.1.1.10.4.17	Containment 	Laboratory Isolate Organizer (2017)	2017-03-24 16:26:22
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)	2017-03-16 23:57:18

2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23
2.16.756.5.30.1.1.1.10.3.5		Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
2.16.756.5.30.1.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-03-24 16:28:35
2.16.756.5.30.1.1.1.10.4.3	Containment	Laboratory Observation (2017)	2017-03-21 10:38:18
		Circular reference found with cdachresp-template-entry-3, please check	
2.16.756.5.30.1.1.1.10.4.11		Specimen Collection (2017)	2017-03-24 16:18:41

**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 (2016-07-05)

**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
    
```

Item	DT	Card	Conf	Description	Label
<pre>99&lt;/streetAddressLine&gt;          &lt;postalCode&gt;999&lt;/postalCode&gt;          &lt;city&gt;Musterhausen&lt;/city&gt;          &lt;/addr&gt; &lt;/relatedSubject&gt;&lt;/subject&gt;</pre>					
<b>h17:templateId</b>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>		(chpalm_entry_HumanPatientWithNonHumanSubject)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.3.1	
<b>h17:relatedSubject</b>		<b>1 ... 1</b>	<b>R</b>		(chpalm_entry_HumanPatientWithNonHumanSubject)
└ <b>h17:code</b>	<b>CE</b>	<b>1 ... 1</b>	<b>R</b>	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='ASKU' including a displayName MUST be used. In this case, @code, @codeSystem and @codeSystemName are NOT ALLOWED. TODO schematron to check these busines rules.	(chpalm_entry_HumanPatientWithNonHumanSubject)
└└ @nullFlavor	cs	0 ... 1	F	ASKU  If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used.	
└└ @displayName	st	1 ... 1	R	Type of non-human material, as used in the narrative text.	
└└ @codeSystemName	st	0 ... 1		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
└└ @codeSystem	oid	0 ... 1		The OID of the code system MUST be specified.	
└└ @code	cs	0 ... 1		The code MUST be specified.	
└ <b>h17:addr</b>	<b>AD</b>	<b>1 ... 1</b>	<b>R</b>	<desc language="en-US">The address is where the material was located, from which the sample was taken. If it is not known, nullFavor='UNK' MUST be used.</desc><desc language="de-CH">Die Adresse gibt an, woher das Material stammt, aus welchem die Probe entnommen wurde. Falls nicht bekannt, MUSS nullFavor='UNK' verwendet werden.</desc>	(chpalm_entry_HumanPatientWithNonHumanSubject)




















### 1.4.14. Laboratory Performer (Body)



<b>Id</b>	2.16.756.5.30.1.1.10.4.7 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-21 10:46:44
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_LaboratoryPerformer	<b>Display Name</b>	Laboratory Performer (Body)

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 multiple 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.

<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 10 templates, Uses 1 template		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.2.28	Containment	 Laboratory Performer (documentationOf) (2017)
	2.16.756.5.30.1.1.1.3.9.1		 Laboratory Report V1 (2017)
	2.16.756.5.30.1.1.10.4.11	Containment	 Specimen Collection (2017)
			Circular reference found with cdachresp-template-entry-11, please check
	2.16.756.5.30.1.1.10.4.17		 Laboratory Isolate Organizer (2017)
	2.16.756.5.30.1.1.10.4.4		 Laboratory Report Data Processing Entry (2017)
	2.16.756.5.30.1.1.10.3.3		 Laboratory Speciality Section (2017)
	2.16.756.5.30.1.1.10.3.5		 Laboratory Report Item Section (2017)
	2.16.756.5.30.1.1.10.4.26		 Laboratory Specialty Text and Entry (2017)
	2.16.756.5.30.1.1.10.4.19		 Laboratory Battery Organizer (2017)
	2.16.756.5.30.1.1.10.4.3		 Laboratory Observation (2017)
			<b>Version</b>
			2017-03-16 23:50:00
			2016-03-23
			2017-03-24 16:18:41
			2017-03-24 16:26:22
			2017-03-21 10:41:01
			2017-03-16 23:57:18
			2017-03-20 21:27:50
			2017-03-24 16:35:30
			2017-03-24 16:28:35
			2017-03-21 10:38:18

		 Circular reference found with cdachresp-template-entry-3, please check			
Uses	as	Name		Version	
2.16.756.5.30.1.1.10.9.17	Containment	 AssignedEntity with Name, Addr, Telecom (2017)		DYNAMIC	
<b>Relationship</b>		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 (2008-08-08)			
Item	DT	Card	Conf	Description	Label
@typeCode	cs	1 ... 1	F	PRF	
h17:templateId	II	1 ... 1	M		(chpalm_entry_LaboratoryPerformer)
L@root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.3.3.1.7	
h17:time	IVL_TS	1 ... 1	R	Timestamp of the last delivery of this laboratory to the document.	(chpalm_entry_LaboratoryPerformer)
h17:assignedEntity		1 ... 1	R	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.17 AssignedEntity with Name, Addr, Telecom (DYNAMIC)	(chpalm_entry_LaboratoryPerformer)

### 1.4.15. Laboratory Results Validator (Body)

<b>Id</b>	2.16.756.5.30.1.1.10.4.8 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-21 10:50:38
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_LaboratoryResultsValidator	<b>Display Name</b>	Laboratory Results Validator (Body)

#### 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.

<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 9 templates, Uses 1 template		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1	Containment	Laboratory Report V1 (2017)
	2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017)
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017)
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section (2017)
	2.16.756.5.30.1.1.10.4.26		Laboratory Specialty Text and Entry (2017)
	2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)
	2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2017)
			Circular reference found with cdachresp-template-entry-3, please check
	2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.9.20	Containment	PlayingEntity with Name (2017)
<b>Relationship</b>	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 (2008-08-08)		

Item	DT	Card	Conf	Description	Label
@typeCode	cs	1 ... 1	F	AUTHEN	
hl7:templateId	II	1 ... 1	M		(chpalm_entry_LaboratoryResultsValidator)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.4.8	
hl7:templateId	II	1 ... 1	M		(chpalm_entry_LaboratoryResultsValidator)

└ @root	uid	1 ... 1 F	1.3.6.1.4.1.19376.1.3.3.1.5	
h17:participantRole		1 ... 1 R		(chpalm_entry_LaboratoryResultsValidator)
└ h17:addr	AD	1 ... *	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	(chpalm_entry_LaboratoryResultsValidator)
└ h17:telecom	TEL	1 ... *	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	(chpalm_entry_LaboratoryResultsValidator)
└ h17:playingEntity			Contains 2.16.756.5.30.1.1.10.9.20 <i>PlayingEntity with Name</i> (DYNAMIC)	(chpalm_entry_LaboratoryResultsValidator)








### 1.4.16. Participant (Body, responsible party)

<b>Id</b>	2.16.756.5.30.1.1.10.4.9 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-21 10:53:40
<b>Status</b>	 Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_entry_ParticipantBodyResponsibleParty	<b>Display Name</b>	Participant (Body, responsible party)

#### 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.

<b>Classification</b>	CDA Entry Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 9 templates, Uses 1 template		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.10.4.17	Containment	 Laboratory Isolate Organizer (2017)	2017-03-24 16:26:22
2.16.756.5.30.1.1.10.4.4		 Laboratory Report Data Processing Entry (2017)	2017-03-21 10:41:01
2.16.756.5.30.1.1.10.3.3		 Laboratory Speciality Section (2017)	2017-03-16 23:57:18
2.16.756.5.30.1.1.1.1.3.9.1		 Laboratory Report V1 (2017)	2016-03-23




2.16.756.5.30.1.1.10.3.5			Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26			Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
2.16.756.5.30.1.1.10.4.19	Containment		Laboratory Battery Organizer (2017)	2017-03-24 16:28:35
2.16.756.5.30.1.1.10.4.3	Containment		Laboratory Observation (2017)	2017-03-21 10:38:18
			Circular reference found with cdachresp-template-entry-3, please check	
2.16.756.5.30.1.1.10.4.11			Specimen Collection (2017)	2017-03-24 16:18:41
<b>Uses</b>	<b>as</b>	<b>Name</b>		<b>Version</b>
2.16.756.5.30.1.1.10.9.20	Containment		PlayingEntity with Name (2017)	DYNAMIC
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.9999.10.9.10 (2016-07-05)			

Item	DT	Card	Conf	Description	Label
@typeCode	cs	1 ... 1	F	RESP	
h17:participantRole		1 ... 1	R		(chpalm_entry_ParticipantBodyResponsibleParty)
└ h17:addr	AD	1 ... *	R	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	(chpalm_entry_ParticipantBodyResponsibleParty)
└ h17:telecom	TEL	1 ... *	R	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	(chpalm_entry_ParticipantBodyResponsibleParty)
└ h17: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 <i>PlayingEntity with Name</i> (DYNAMIC)	(chpalm_entry_ParticipantBodyResponsibleParty)

### 1.4.17. Gestational age

<b>Id</b>	2.16.756.5.30.1.127.10.4.14 ref (from repository: cdachvacd-)	<b>Effective Date</b>	valid from 2015-12-15
<b>Status</b>	Draft	<b>Version Label</b>	
<b>Name</b>	Gestationalage	<b>Display Name</b>	Gestational age
<b>Description</b>	In the context of eVACDOC		



	the gestational age at birth of a patient is relevant. The gestational age at birth of the patient SHALL be recorded in days of gestation.				
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.127.10.4.14				
<b>Classification</b>	CDA Entry Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Used by / Uses</b>	Used by 0 transactions and 3 templates, Uses 0 templates				
	<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>	
	2.16.756.5.30.1.127.10.3.5	Containment	 Coded Results	2015-12-14	
	2.16.756.5.30.1.1.1.1.3.9.1		 Laboratory Report V1 (2017)	2016-03-23	
	2.16.756.5.30.1.127.10.1.1		 Vaccination document	2015-12-14	
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07) Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 (DYNAMIC)				
<b>Example</b>	<p>Example</p> <pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.127.10.4.14"/&gt; &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/&gt; &lt;id root="2.16.756.5.30.1.1.3.5" extension="5124586e- b122-09b0-76f7-12a0a8274dc5"/&gt; &lt;code code="49052-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Gestational age in D"/&gt; &lt;text&gt;   &lt;reference value="#cr-1"/&gt; &lt;/text&gt; &lt;statusCode code="completed"/&gt; &lt;effectiveTime nullFlavor="NA"/&gt; &lt;value xsi:type="PQ" value="273" unit="d"/&gt;&lt;/observation&gt;</pre>				
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>	<b>Label</b>
<b>h17:observation</b>					(Gestationalage)
└ @classCode	cs	1 ... 1	F	OBS	
└ @moodCode	cs	1 ... 1	F	EVN	
└ h17:templateId	II	1 ... 1	M		(Gestationalage)
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.127.10.4.14	

└ h17:templateId	II	1 ... 1		(Gestationalage)
└ @root	uid	1 ... 1 F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
└ h17:id	II	1 ... * M	Each observation SHALL have an ID. If the creating system does not manage IDs, a GUID SHALL be used. In this case the root attribute SHALL contain the OID of the present specification.	(Gestationalage)
└ h17:code	CD	1 ... 1 M		(Gestationalage)
└ @code	CONF	1 ... 1 F	49052-4	
└ @codeSystem		1 ... 1 F	2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes)	
└ h17:text	ED	1 ... 1 M	The reference to the corresponding human readable text SHALL be indicated with reference on content[@ID]: reference[@value='#xxx']	(Gestationalage)
└ h17:reference	TEL	1 ... 1 M		(Gestationalage)
└ @value		1 ... 1 R	#cr-{generierteID}, e.g.: #cr-1	
└ h17:statusCode	CS	1 ... 1 M		(Gestationalage)
└ @code	CONF	1 ... 1 F	completed	
└ h17:effectiveTime	TS.CH.TZ	1 ... 1 R		(Gestationalage)
└ h17:value	PQ	1 ... 1	The gestational age SHALL be recorded in days, therefore weeks have to be converted to days: 37th week and 4th day = 37 * 7 + 4 days = 263 days. The same applies for displaying: 178 d = 25 weeks and 3 days.	(Gestationalage)
	CONF	@unit is "d"		

## 1.5. Other CDA Templates

### 1.5.1. AssignedEntity for Laboratory

<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.9.1	<b>Effective Date</b>	valid from 2016-07-12
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	LREPAssignedEntityLabor	<b>Display Name</b>	AssignedEntity for Laboratory
<b>Classification</b>	Template type not specified		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 2 templates, Uses 2 templates		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.1.1.3.9.1.10.2.7	Containment	Legal Authenticator (2017)	2016-05-23
2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23
<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.10.9.18	Containment	Person with Name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.19	Containment	Organization with Name, Addr, Telecom (2017)	DYNAMIC
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.153 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.9999.10.9.1 (2016-07-05)		

Item	DT	Card	Conf	Description	Label
	Schematron assert	role	error		
		test		(telecom[@use='PUB' and starts-with(@value,'tel:+') and (telecom[@use='PUB' and starts-with(@value,'mailto:'])	
		Message		A public telephone number in the international format and a public eMail address are required.	
	Schematron assert	role	error		
		test		(addr[@use='PUB'])	
		Message		A public address is required.	
<b>h17:id</b>	<b>II</b>	<b>1 ... *</b>	<b>R</b>	A GS1 GLN is required. If it is not (yet) known, this MUST be declared using nullFlavor.	(LREPAssignedEntityLabor)

<b>@nullFlavor</b>	cs	0 ... 1	F	NAV	
				Temporarily unknown, will be filled later.	
<b>@extension</b>	st	0 ... 1		The GS1 GLN.	
<b>@root</b>	cs	0 ... 1	F	2.51.1.3	
				OID for GS1 GLN.	
	<b>Schematron assert</b>	role		error	
		test		(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')	
		Message		Either the GS1 GLN or nullFlavor='NAV' is required.	
<b>h17:addr</b>	<b>AD</b>	<b>1 ... *</b>	<b>R</b>	Address of the laboratory.	(LREPAssignedEntityLabor)
<b>h17:telecom</b>	<b>TEL</b>	<b>1 ... *</b>	<b>R</b>	Phone and eMail of the laboratory.	(LREPAssignedEntityLabor)
<b>h17:assignedPerson</b>		<b>0 ... 1</b>		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.18 <i>Person with Name</i> (DYNAMIC)	(LREPAssignedEntityLabor)
<b>h17:representedOrganization</b>		<b>0 ... 1</b>		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.19 <i>Organization with Name, Addr, Telecom</i> (DYNAMIC)	(LREPAssignedEntityLabor)

### 1.5.2. Device for LIS









<b>Id</b>	2.16.756.5.30.1.1.1.1.3.9.1.10.9.2	<b>Effective Date</b>	valid from 2016-07-12
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	LREPDevice	<b>Display Name</b>	Device for LIS
<b>Classification</b>	Template type not specified		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 2 templates, Uses 0 templates		
<b>Used by</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
2.16.756.5.30.1.1.1.1.3.9.1.10.2.5	Containment	Author (2017)	2016-05-23
2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017)	2016-03-23

**Relationship** Specialization: template 2.16.840.1.113883.10.12.315 (2005-09-07)

Item	DT	Card	Conf	Description	Label
hl7:softwareName	SC	1 ... 1	R	Name of the laboratory information system (LIS).	(LREPDevice)

### 1.5.3. Organization with Name, Addr, Telecom

<b>Id</b>	2.16.756.5.30.1.1.10.9.19 ref (from repository: ch-palm-)	<b>Effective Date</b>	valid from 2017-03-24 16:38:19
<b>Status</b>	Draft	<b>Version Label</b>	2017
<b>Name</b>	chpalm_other_OrganizationWithNameAddrTelecom	<b>Display Name</b>	Organization with Name, Addr, Telecom
<b>Description</b>	General template for multiple use (see ART-DECOR 'Used by Template id' for current usings), that requires name, addr and telecom of an organization.		
<b>Classification</b>	Template type not specified		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Used by / Uses</b>	Used by 0 transactions and 34 templates, Uses 0 templates		
	<b>Used by</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.1.1.3.9.1.10.2.3	Containment	Recipient (2017) 2016-05-23
	2.16.756.5.30.1.1.1.1.3.9.1		Laboratory Report V1 (2017) 2016-03-23
	2.16.756.5.30.1.1.1.1.3.9.1.10.2.5	Containment	Author (2017) 2016-05-23
	2.16.756.5.30.1.1.1.1.3.9.1.10.9.1	Containment	AssignedEntity for Laboratory (2017) 2016-07-12
	2.16.756.5.30.1.1.1.1.3.9.1.10.2.7		Legal Authenticator (2017) 2016-05-23
	2.16.756.5.30.1.1.10.9.16	Containment	Author with Name, Addr, Telecom (2017) 2017-03-24 16:37:00
	2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017) 2017-03-24 16:26:22
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2017) 2017-03-21 10:41:01
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section (2017) 2017-03-16 23:57:18

2.16.756.5.30.1.1.10.3.5		 Laboratory Report Item Section (2017)	2017-03-20 21:27:50
2.16.756.5.30.1.1.10.4.26		 Laboratory Specialty Text and Entry (2017)	2017-03-24 16:35:30
2.16.756.5.30.1.1.10.4.19		 Laboratory Battery Organizer (2017)	2017-03-24 16:28:35
2.16.756.5.30.1.1.10.4.2		 Annotation Comments (2017)	2017-03-24 16:47:30
2.16.756.5.30.1.1.10.3.2		 Remarks Section (2017)	2017-03-28 22:53:51
2.16.756.5.30.1.1.10.1.3		 eCurrentMedication (2017)	2016-05-13
2.16.756.5.30.1.1.10.1.4		 eRezept (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.5		 eAbgabe (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.6		 eMedicationComment (2017)	2016-05-21
2.16.756.5.30.1.1.10.1.7		 eMedicationTreatmentPlan (2017)	2017-04-12 13:57:31
2.16.756.5.30.1.1.10.3.2		 CDA-CH Remarks Section	2016-03-17
2.16.756.5.30.1.1.10.4.3		 Laboratory Observation (2017)	2017-03-21 10:38:18
		Circular reference found with cdachresp-template-entry-3, please check	
2.16.756.5.30.1.1.10.4.11		 Specimen Collection (2017)	2017-03-24 16:18:41
		Circular reference found with cdachresp-template-entry-11, please check	
2.16.756.5.30.1.1.10.4.34		 Medication Treatment Plan Item Entry Content Module (2017)	2016-06-13
2.16.756.5.30.1.1.10.3.13		 Medication Treatment Plan Section Content Module (2017)	2017-05-01 12:51:36
2.16.756.5.30.1.1.10.3.9		 eCurrentMedication Section Content Module (2017)	2016-05-21
2.16.756.5.30.1.1.10.4.44		 Pharmaceutical Advice Item Entry Content Module (2017)	2016-06-25
2.16.756.5.30.1.1.10.3.12		 Pharmaceutical Advice Section Content Module (2017)	2016-06-06
2.16.756.5.30.1.1.10.4.42		 Dispense Item Entry Content Module (2017)	2016-06-17
2.16.756.5.30.1.1.10.3.11		 Dispense Section Content Module (2017)	2016-06-06
2.16.756.5.30.1.1.10.4.43		 Prescription Item Entry Content Module (2017)	2016-06-25
2.16.756.5.30.1.1.10.3.10		 Prescription Section Content Module (2017)	2016-06-06
2.16.756.5.30.1.1.10.9.17	Containment	 AssignedEntity with Name, Addr, Telecom (2017)	2017-03-24 16:37:45

	2.16.756.5.30.1.1.10.4.7			Laboratory Performer (Body) (2017)	2017-03-21 10:46:44
	2.16.756.5.30.1.1.10.2.28			Laboratory Performer (documentationOf) (2017)	2017-03-16 23:50:00
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.151 (2005-09-07) Specialization: template 1.3.6.1.4.1.19376.1.3.1.9999.10.9.13 (2016-07-05)				

Item	DT	Card	Conf	Description	Label
h17:name	ON	1 ... *	R	The organization's name MUST be present.	(chpalm_other_OrganizationWithNameAddrTelecom)
h17:telecom	TEL	1 ... *	R	The organization's telecom MUST be present.	(chpalm_other_OrganizationWithNameAddrTelecom)
h17:addr	AD	1 ... *	R	The organization's addr MUST be present.	(chpalm_other_OrganizationWithNameAddrTelecom)
h17:asOrganizationPartOf		0 ... 1			(chpalm_other_OrganizationWithNameAddrTelecom)
└ h17:wholeOrganization		0 ... 1			(chpalm_other_OrganizationWithNameAddrTelecom)
└└ h17:name	ON	1 ... *	R	The organization's name MUST be present.	(chpalm_other_OrganizationWithNameAddrTelecom)
└└ h17:telecom	TEL	1 ... *	R	The organization's telecom MUST be present.	(chpalm_other_OrganizationWithNameAddrTelecom)
└└ h17:addr	AD	1 ... *	R	The organization's addr MUST be present.	(chpalm_other_OrganizationWithNameAddrTelecom)

## 2. Valuesets


### 2.1. ActEncounterCode

<b>Id</b>	2.16.840.1.113883.1.11.13955	<b>Effective Date</b>	valid from 2014-03-26
	ref (from repository: ad2bbr-)		
<b>Status</b>	Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ActEncounterCode	<b>Display Name</b>	ActEncounterCode
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p>		

				Domain provides codes that qualify the ActEncounterClass (ENC)
<b>Source Code System</b>				2.16.840.1.113883.5.4 - <i>Act Code</i>
Level/ Type	Code	Display Name	Code System	
1-L	AMB	ambulatory	Act Code	
1-L	EMER	emergency	Act Code	
1-L	FLD	field	Act Code	
1-L	HH	home health	Act Code	
1-S	IMP	inpatient encounter	Act Code	
2-L	ACUTE	inpatient acute	Act Code	
2-L	NONAC	inpatient non-acute	Act Code	
1-L	PRENC	pre-admission	Act Code	
1-L	SS	short stay	Act Code	
1-L	VR	virtual	Act Code	

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.2. ActStatus Completed and Aborted


<b>Id</b>	1.3.6.1.4.1.19376.1.3.11.2 ref (from repository: XDLAB-)	<b>Effective Date</b>	valid from 2008-08-08
<b>Status</b>	 Draft	<b>Version Label</b>	
<b>Name</b>	ActStatusCompletedAborted	<b>Display Name</b>	ActStatusAbortedCompleted
<b>Source Code System</b>			
2.16.840.1.113883.5.14 - <i>ActStatus</i>			
Level/ Type	Code	Display Name	Code System



0-L	completed	completed	ActStatus
0-L	aborted	aborted	ActStatus

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


### 2.3. ActStatusAbortedCancelledCompleted

<b>Id</b>	2.16.840.1.113883.1.11.20309 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ActStatusAbortedCancelledCompleted	<b>Display Name</b>	ActStatusAbortedCancelledCompleted
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vau sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p><b>Description:</b> The status of an assessment for indications of an abnormal condition.</p>		
<b>Source Code System</b>	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.


### 2.4. ActStatusCompleted

<b>Id</b>	2.16.840.1.113883.1.11.20025 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ActStatusCompleted	<b>Display Name</b>	ActStatusCompleted
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>An Act that has terminated normally after all of its constituents have been performed.</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.14 - <i>ActStatus</i>		

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.

## 2.5. ActStatusCompletedNullified


<b>Id</b>	1.3.6.1.4.1.19376.1.3.11.3 ref (from repository: XDLAB-)	<b>Effective Date</b>	valid from 2008-08-08
<b>Status</b>	 Draft	<b>Version Label</b>	
<b>Name</b>	ActStatusCompletedNullified	<b>Display Name</b>	ActStatusCompletedNullified
<b>Source Code System</b>	2.16.840.1.113883.5.14 - <i>ActStatus</i>		

Level/ Type	Code	Display Name	Code System
0-L	completed	completed	ActStatus
0-L	nullified	nullified	ActStatus

---

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.6. AdministrativeGender

<b>Id</b>	2.16.840.1.113883.1.11.1 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	AdministrativeGender	<b>Display Name</b>	AdministrativeGender
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>The gender of a person used for adminstrative purposes (as opposed to clinical gender)</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.1 - <i>Administrative Gender</i>		

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.

### 2.7. Title

<b>Id</b>	2.16.756.5.30.1.1.11.7	<b>Effective Date</b>	valid from 2016-07-29 17:45:55
<b>Status</b>	 Draft	<b>Version Label</b>	

<b>Name</b>	ech0010:mrMrs	<b>Display Name</b>	Anrede
<b>Source Code System</b>	2.16.756.5.30.1.143.5.1		
Level/ Type	Code	Display Name	Code System
0-L	1	Frau	2.16.756.5.30.1.143.5.1
0-L	2	Herr	2.16.756.5.30.1.143.5.1
0-L	3	Fräulein	2.16.756.5.30.1.143.5.1


Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.8. AuthorizationType

<b>Id</b>	2.16.756.5.30.1.127.11.15	<b>Effective Date</b>	valid from 2015-12-18
<b>Status</b>	 Draft	<b>Version Label</b>	
<b>Name</b>	AuthorizationType	<b>Display Name</b>	AuthorizationType
<b>Source Code System</b>	2.16.756.5.30.2.1.1.2		
Level/ Type	Code	Display Name	Code System
0-L	OTH	other	2.16.756.5.30.2.1.1.2
0-L	EMAUTH	emergency authorization	2.16.756.5.30.2.1.1.2

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.9. EntityCode

<b>Id</b>	2.16.840.1.113883.1.11.16040 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323

<b>Name</b>	EntityCode	<b>Display Name</b>	EntityCode
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A value representing the specific kind of Entity the instance represents.</p> <p><i>Examples:</i> A medical building, a Doberman Pinscher, a blood collection tube, a tissue biopsy.</p> <p><i>Rationale:</i> For each Entity, the value for this attribute is drawn from one of several coding systems depending on the Entity classCode, such as living subjects (animal and plant taxonomies), chemical substance (e.g., IUPAC code), organizations, insurance company, government agency, hospital, park, lake, syringe, etc. It is possible that Entity.code may be so fine grained that it represents a single instance. An example is the CDC vaccine manufacturer code, modeled as a concept vocabulary, when in fact each concept refers to a single instance.</p>		

**A valid code from the code system:**

Code System Name	Code System Id	Code System Version
ISO 3166 Part 1 Country Codes	1.0.3166.1	

**Or one of the following:**

<b>3 Source Code Systems</b>	2.16.840.1.113883.5.1060 - <i>Entity Code</i>
	2.16.840.1.113883.5.129 - <i>SpecimenType</i>
	1.0.3166.1 - <i>ISO 3166 Part 1 Country Codes</i>

Level/ Type	Code	Display Name	Code System
1-A	_ContainerEntityType	ContainerEntityType	Entity Code
2-S	PKG	Package	Entity Code
3-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	Entity Code
4-L	BAG	Bag	Entity Code
4-L	PACKT	Packet	Entity Code

4-L	PCH	Pouch	Entity Code
4-L	SACH	Sachet	Entity Code
3-A	_RigidContainerEntityType	RigidContainerEntityType	Entity Code
4-A	_IndividualPackageEntityType	IndividualPackageEntityType	Entity Code
5-L	AMP	Ampule	Entity Code
5-L	MINIM	Minim	Entity Code
5-L	NEBAMP	Nebuamp	Entity Code
5-L	OVUL	Ovule	Entity Code
4-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	Entity Code
5-S	BOT	Bottle	Entity Code
6-L	BOTA	Amber Bottle	Entity Code
6-L	BOTD	Dropper Bottle	Entity Code
6-L	BOTG	Glass Bottle	Entity Code
6-S	BOTP	Plastic Bottle	Entity Code
7-L	BOTPLY	Polyethylene Bottle	Entity Code
5-L	BOX	Box	Entity Code
5-L	CAN	Can	Entity Code
5-L	CART	Cartridge	Entity Code
5-L	CNSTR	Canister	Entity Code
5-L	JAR	Jar	Entity Code
5-L	JUG	Jug	Entity Code
5-L	TIN	Tin	Entity Code
5-L	TUB	Tub	Entity Code
5-L	TUBE	Tube	Entity Code
5-L	VIAL	Vial	Entity Code
4-S	BLSTRPK	Blister Pack	Entity Code
5-L	CARD	Card	Entity Code

3-S	COMPPKG	Compliance Package	Entity Code
4-S	BLSTRPK	Blister Pack	Entity Code
5-L	CARD	Card	Entity Code
4-L	DIALPK	Dial Pack	Entity Code
4-L	DISK	Disk	Entity Code
4-L	DOSET	Dosette	Entity Code
4-L	STRIP	Strip	Entity Code
3-S	KIT	Kit	Entity Code
4-L	SYSTEM	System	Entity Code
1-A	_MedicalDevice	MedicalDevice	Entity Code
2-A	_AccessMedicalDevice	AccessMedicalDevice	Entity Code
3-S	LINE	Line	Entity Code
4-L	IALINE	Intra-arterial Line	Entity Code
4-L	IVLINE	Intravenous Line	Entity Code
2-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	Entity Code
3-A	_InjectionMedicalDevice	InjectionMedicalDevice	Entity Code
4-L	AINJ	AutoInjector	Entity Code
4-L	PEN	Pen	Entity Code
4-L	SYR	Syringe	Entity Code
3-L	APLCTR	Applicator	Entity Code
3-S	INH	Inhaler	Entity Code
4-L	DSKS	Diskus	Entity Code
4-L	DSKUNH	Diskhaler	Entity Code
4-L	TRBINH	Turbuhaler	Entity Code
3-L	PMP	Pump	Entity Code
1-A	_SpecimenAdditiveEntity	SpecimenAdditiveEntity	Entity Code
2-L	ACDA	ACD Solution A	Entity Code

2-L	ACDB	ACD Solution B	Entity Code
2-L	ACET	Acetic Acid	Entity Code
2-L	AMIES	Amies transport medium	Entity Code
2-L	BACTM	Bacterial Transport medium	Entity Code
2-L	BF10	Buffered 10% formalin	Entity Code
2-L	BOR	Boric Acid	Entity Code
2-L	BOUIN	Bouin's solution	Entity Code
2-L	BSKM	Buffered skim milk	Entity Code
2-L	C32	3.2% Citrate	Entity Code
2-L	C38	3.8% Citrate	Entity Code
2-L	CARS	Carson's Modified 10% formalin	Entity Code
2-L	CARY	Cary Blair Medium	Entity Code
2-L	CHLTM	Chlamydia transport medium	Entity Code
2-L	CTAD	CTAD	Entity Code
2-L	EDTK15	Potassium/K EDTA 15%	Entity Code
2-L	EDTK75	Potassium/K EDTA 7.5%	Entity Code
2-L	EDTN	Sodium/Na EDTA	Entity Code
2-L	ENT	Enteric bacteria transport medium	Entity Code
2-L	F10	10% Formalin	Entity Code
2-L	FDP	Thrombin NIH; soybean trypsin inhibitor	Entity Code
2-L	FL10	Sodium Fluoride, 10mg	Entity Code
2-L	FL100	Sodium Fluoride, 100mg	Entity Code
2-L	HCL6	6N HCL	Entity Code
2-L	HEPA	Ammonium heparin	Entity Code
2-L	HEPL	Lithium/Li Heparin	Entity Code
2-L	HEPN	Sodium/Na Heparin	Entity Code
2-L	HNO3	Nitric Acid	Entity Code



2-L	JKM	Jones Kendrick Medium	Entity Code
2-L	KARN	Karnovsky's fixative	Entity Code
2-L	KOX	Potassium Oxalate	Entity Code
2-L	LIA	Lithium iodoacetate	Entity Code
2-L	M4	M4	Entity Code
2-L	M4RT	M4-RT	Entity Code
2-L	M5	M5	Entity Code
2-L	MICHTM	Michel's transport medium	Entity Code
2-L	MMDTM	MMD transport medium	Entity Code
2-L	NAF	Sodium Fluoride	Entity Code
2-L	NONE	None	Entity Code
2-L	PAGE	Page's Saline	Entity Code
2-L	PHENOL	Phenol	Entity Code
2-L	PVA	Polyvinylalcohol	Entity Code
2-L	RLM	Reagan Lowe Medium	Entity Code
2-L	SILICA	Siliceous earth	Entity Code
2-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	Entity Code
2-L	SST	Serum Separator Tube	Entity Code
2-L	STUTM	Stuart transport medium	Entity Code
2-L	THROM	Thrombin	Entity Code
2-L	THYMOL	Thymol	Entity Code
2-L	THYO	Thyoglycolate broth	Entity Code
2-L	TOLU	Toluene	Entity Code
2-L	URETM	Ureaplasma transport medium	Entity Code
2-L	VIRTM	Viral Transport medium	Entity Code
2-L	WEST	Buffered Citrate	Entity Code
1-L	BLDPRD	Blood Product	Entity Code

1-L	VCCNE	Vaccine	Entity Code
1-L	ACDA	ACD Solution A	Entity Code
1-L	ACDB	ACD Solution B	Entity Code
1-L	ACET	Acetic Acid	Entity Code
1-L	AMIES	Amies transport medium	Entity Code
1-L	BACTM	Bacterial Transport medium	Entity Code
1-L	BF10	Buffered 10% formalin	Entity Code
1-L	BOR	Boric Acid	Entity Code
1-L	BOUIN	Bouin's solution	Entity Code
1-L	BSKM	Buffered skim milk	Entity Code
1-L	C32	3.2% Citrate	Entity Code
1-L	C38	3.8% Citrate	Entity Code
1-L	CARS	Carson's Modified 10% formalin	Entity Code
1-L	CARY	Cary Blair Medium	Entity Code
1-L	CHLTM	Chlamydia transport medium	Entity Code
1-L	CTAD	CTAD	Entity Code
1-L	EDTK15	Potassium/K EDTA 15%	Entity Code
1-L	EDTK75	Potassium/K EDTA 7.5%	Entity Code
1-L	EDTN	Sodium/Na EDTA	Entity Code
1-L	ENT	Enteric bacteria transport medium	Entity Code
1-L	F10	10% Formalin	Entity Code
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	Entity Code
1-L	FL10	Sodium Fluoride, 10mg	Entity Code
1-L	FL100	Sodium Fluoride, 100mg	Entity Code
1-L	HCL6	6N HCL	Entity Code
1-L	HEPA	Ammonium heparin	Entity Code
1-L	HEPL	Lithium/Li Heparin	Entity Code

1-L	HEPN	Sodium/Na Heparin	Entity Code
1-L	HNO3	Nitric Acid	Entity Code
1-L	JKM	Jones Kendrick Medium	Entity Code
1-L	KARN	Karnovsky's fixative	Entity Code
1-L	KOX	Potassium Oxalate	Entity Code
1-L	LIA	Lithium iodoacetate	Entity Code
1-L	M4	M4	Entity Code
1-L	M4RT	M4-RT	Entity Code
1-L	M5	M5	Entity Code
1-L	MICHTM	Michel's transport medium	Entity Code
1-L	MMDTM	MMD transport medium	Entity Code
1-L	NAF	Sodium Fluoride	Entity Code
1-L	NONE	None	Entity Code
1-L	PAGE	Page's Saline	Entity Code
1-L	PHENOL	Phenol	Entity Code
1-L	PVA	Polyvinylalcohol	Entity Code
1-L	RLM	Reagan Lowe Medium	Entity Code
1-L	SILICA	Siliceous earth	Entity Code
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	Entity Code
1-L	SST	Serum Separator Tube	Entity Code
1-L	STUTM	Stuart transport medium	Entity Code
1-L	THROM	Thrombin	Entity Code
1-L	THYMOL	Thymol	Entity Code
1-L	THYO	Thyoglycolate broth	Entity Code
1-L	TOLU	Toluene	Entity Code
1-L	URETM	Ureaplasma transport medium	Entity Code
1-L	VIRTM	Viral Transport medium	Entity Code

1-L	WEST	Buffered Citrate	Entity Code
1-S	PKG	Package	Entity Code
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	Entity Code
3-L	BAG	Bag	Entity Code
3-L	PACKT	Packet	Entity Code
3-L	PCH	Pouch	Entity Code
3-L	SACH	Sachet	Entity Code
2-A	_RigidContainerEntityType	RigidContainerEntityType	Entity Code
3-A	_IndividualPackageEntityType	IndividualPackageEntityType	Entity Code
4-L	AMP	Ampule	Entity Code
4-L	MINIM	Minim	Entity Code
4-L	NEBAMP	Nebuamp	Entity Code
4-L	OVUL	Ovule	Entity Code
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	Entity Code
4-S	BOT	Bottle	Entity Code
5-L	BOTA	Amber Bottle	Entity Code
5-L	BOTD	Dropper Bottle	Entity Code
5-L	BOTG	Glass Bottle	Entity Code
5-S	BOTP	Plastic Bottle	Entity Code
6-L	BOTPLY	Polyethylene Bottle	Entity Code
4-L	BOX	Box	Entity Code
4-L	CAN	Can	Entity Code
4-L	CART	Cartridge	Entity Code
4-L	CNSTR	Canister	Entity Code
4-L	JAR	Jar	Entity Code
4-L	JUG	Jug	Entity Code
4-L	TIN	Tin	Entity Code

4-L	TUB	Tub	Entity Code
4-L	TUBE	Tube	Entity Code
4-L	VIAL	Vial	Entity Code
3-S	BLSTRPK	Blister Pack	Entity Code
4-L	CARD	Card	Entity Code
2-S	COMPPKG	Compliance Package	Entity Code
3-S	BLSTRPK	Blister Pack	Entity Code
4-L	CARD	Card	Entity Code
3-L	DIALPK	Dial Pack	Entity Code
3-L	DISK	Disk	Entity Code
3-L	DOSET	Dosette	Entity Code
3-L	STRIP	Strip	Entity Code
2-S	KIT	Kit	Entity Code
3-L	SYSTEM	System	Entity Code
1-A	_AccessMedicalDevice	AccessMedicalDevice	Entity Code
2-S	LINE	Line	Entity Code
3-L	IALINE	Intra-arterial Line	Entity Code
3-L	IVLINE	Intravenous Line	Entity Code
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	Entity Code
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	Entity Code
3-L	AINJ	AutoInjector	Entity Code
3-L	PEN	Pen	Entity Code
3-L	SYR	Syringe	Entity Code
2-L	APLCTR	Applicator	Entity Code
2-S	INH	Inhaler	Entity Code
3-L	DSKS	Diskus	Entity Code
3-L	DSKUNH	Diskhaler	Entity Code

3-L	TRBINH	Turbuhaler	Entity Code
2-L	PMP	Pump	Entity Code
1-L	ABS	Abcess	SpecimenType
1-L	AMN	Amniotic fluid	SpecimenType
1-L	ASP	Aspirate	SpecimenType
1-L	BBL	Blood bag	SpecimenType
1-L	BDY	Whole body	SpecimenType
1-L	BIFL	Bile fluid	SpecimenType
1-L	BLD	Whole blood	SpecimenType
1-L	BLDA	Blood arterial	SpecimenType
1-L	BLDC	Blood capillary	SpecimenType
1-L	BLDCO	Blood - cord	SpecimenType
1-L	BLDV	Blood venous	SpecimenType
1-L	BON	Bone	SpecimenType
1-L	BPH	Basophils	SpecimenType
1-L	BPU	Blood product unit	SpecimenType
1-L	BRN	Burn	SpecimenType
1-L	BRO	Bronchial	SpecimenType
1-L	BRTH	Exhaled gas (=breath) Breath (use EXG)	SpecimenType
1-L	EXG	Exhaled gas (=breath) Breath (use EXG)	SpecimenType
1-L	CALC	Calculus (=Stone) Stone (use CALC)	SpecimenType
1-L	STON	Calculus (=Stone) Stone (use CALC)	SpecimenType
1-L	CDM	Cardiac muscle	SpecimenType
1-L	CNJT	Conjunctiva	SpecimenType
1-L	CNL	Cannula	SpecimenType
1-L	COL	Colostrum	SpecimenType
1-L	CRN	Cornea	SpecimenType

1-L	CSF	Cerebral spinal fluid	SpecimenType
1-L	CTP	Catheter tip	SpecimenType
1-L	CUR	Curettage	SpecimenType
1-L	CVM	Cervical mucus	SpecimenType
1-L	CVX	Cervix	SpecimenType
1-L	CYST	Cyst	SpecimenType
1-L	DIAF	Dialysis fluid	SpecimenType
1-L	DOSE	Dose med or substance	SpecimenType
1-L	DRN	Drain	SpecimenType
1-L	DUFL	Duodenal fluid	SpecimenType
1-L	EAR	Ear	SpecimenType
1-L	EARW	Ear wax (cerumen)	SpecimenType
1-L	ELT	Electrode	SpecimenType
1-L	ENDC	Endocardium	SpecimenType
1-L	ENDM	Endometrium	SpecimenType
1-L	EOS	Eosinophils	SpecimenType
1-L	EYE	Eye	SpecimenType
1-L	FIB	Fibroblasts	SpecimenType
1-L	FIST	Fistula	SpecimenType
1-L	FLT	Filter	SpecimenType
1-L	FLU	Body fluid, unsp	SpecimenType
1-L	FOOD	Food sample	SpecimenType
1-L	GAS	Gas	SpecimenType
1-L	GAST	Gastric fluid/contents	SpecimenType
1-L	GEN	Genital	SpecimenType
1-L	GENC	Genital cervix	SpecimenType
1-L	GENF	Genital fluid	SpecimenType

1-L	GENL	Genital lochia	SpecimenType
1-L	GENV	Genital vaginal	SpecimenType
1-L	HAR	Hair	SpecimenType
1-L	IHG	Inhaled Gas	SpecimenType
1-L	ISLT	Isolate	SpecimenType
1-L	IT	Intubation tube	SpecimenType
1-L	LAM	Lamella	SpecimenType
1-L	LIQ	Liquid NOS	SpecimenType
1-L	LN	Line	SpecimenType
1-L	LNA	Line arterial	SpecimenType
1-L	LNV	Line venous	SpecimenType
1-L	LYM	Lymphocytes	SpecimenType
1-L	MAC	Macrophages	SpecimenType
1-L	MAR	Marrow (bone)	SpecimenType
1-L	MBLD	Menstrual blood	SpecimenType
1-L	MEC	Meconium	SpecimenType
1-L	MILK	Breast milk	SpecimenType
1-L	MLK	Milk	SpecimenType
1-L	NAIL	Nail	SpecimenType
1-L	NOS	Nose (nasal passage)	SpecimenType
1-L	PAFL	Pancreatic fluid	SpecimenType
1-L	PAT	Patient	SpecimenType
1-L	PLAS	Plasma	SpecimenType
1-L	PLB	Plasma bag	SpecimenType
1-L	PLC	Placenta	SpecimenType
1-L	PLR	Pleural fluid (thoracentesis fld)	SpecimenType
1-L	PMN	Polymorphonuclear neutrophils	SpecimenType



1-L	PPP	Platelet poor plasma	SpecimenType
1-L	PRP	Platelet rich plasma	SpecimenType
1-L	PRT	Peritoneal fluid /ascites	SpecimenType
1-L	PUS	Pus	SpecimenType
1-L	RBC	Erythrocytes	SpecimenType
1-L	SAL	Saliva	SpecimenType
1-L	SER	Serum	SpecimenType
1-L	SKM	Skeletal muscle	SpecimenType
1-L	SKN	Skin	SpecimenType
1-L	SMN	Seminal fluid	SpecimenType
1-L	SMPLS	Seminal plasma	SpecimenType
1-L	SNV	Synovial fluid (Joint fluid)	SpecimenType
1-L	SPRM	Spermatozoa	SpecimenType
1-L	SPT	Sputum	SpecimenType
1-L	SPTC	Sputum - coughed	SpecimenType
1-L	SPTT	Sputum - tracheal aspirate	SpecimenType
1-L	STL	Stool = Fecal	SpecimenType
1-L	SWT	Sweat	SpecimenType
1-L	TEAR	Tears	SpecimenType
1-L	THRB	Thrombocyte (platelet)	SpecimenType
1-L	THRT	Throat	SpecimenType
1-L	TISG	Tissue gall bladder	SpecimenType
1-L	TISPL	Tissue placenta	SpecimenType
1-L	TISS	Tissue, unspecified	SpecimenType
1-L	TISU	Tissue ulcer	SpecimenType
1-L	TLGI	Tissue large intestine	SpecimenType
1-L	TLNG	Tissue lung	SpecimenType

1-L	TSMI	Tissue small intestine Tissue ulcer	SpecimenType
1-L	TUB	Tube, unspecified	SpecimenType
1-L	ULC	Ulcer	SpecimenType
1-L	UMB	Umbilical blood	SpecimenType
1-L	UMED	Unknown medicine	SpecimenType
1-L	UR	Urine	SpecimenType
1-L	URC	Urine clean catch	SpecimenType
1-L	URNS	Urine sediment	SpecimenType
1-L	URT	Urine catheter	SpecimenType
1-L	URTH	Urethra	SpecimenType
1-L	USUB	Unknown substance	SpecimenType
1-L	VOM	Vomitus	SpecimenType
1-L	WAT	Water	SpecimenType
1-L	WBC	Leukocytes	SpecimenType
1-L	WICK	Wick	SpecimenType
1-L	WND	Wound	SpecimenType
1-L	WNDA	Wound abscess	SpecimenType
1-L	WNDD	Wound drainage	SpecimenType
1-L	WNDE	Wound exudate	SpecimenType
0-L	VCCNE	Vaccine	Entity Code
1-L	ACDA	ACD Solution A	Entity Code
1-L	ACDB	ACD Solution B	Entity Code
1-L	ACET	Acetic Acid	Entity Code
1-L	AMIES	Amies transport medium	Entity Code
1-L	BACTM	Bacterial Transport medium	Entity Code
1-L	BF10	Buffered 10% formalin	Entity Code
1-L	BOR	Boric Acid	Entity Code

1-L	BOUIN	Bouin's solution	Entity Code
1-L	BSKM	Buffered skim milk	Entity Code
1-L	C32	3.2% Citrate	Entity Code
1-L	C38	3.8% Citrate	Entity Code
1-L	CARS	Carson's Modified 10% formalin	Entity Code
1-L	CARY	Cary Blair Medium	Entity Code
1-L	CHLTM	Chlamydia transport medium	Entity Code
1-L	CTAD	CTAD	Entity Code
1-L	EDTK15	Potassium/K EDTA 15%	Entity Code
1-L	EDTK75	Potassium/K EDTA 7.5%	Entity Code
1-L	EDTN	Sodium/Na EDTA	Entity Code
1-L	ENT	Enteric bacteria transport medium	Entity Code
1-L	F10	10% Formalin	Entity Code
1-L	FDP	Thrombin NIH; soybean trypsin inhibitor	Entity Code
1-L	FL10	Sodium Fluoride, 10mg	Entity Code
1-L	FL100	Sodium Fluoride, 100mg	Entity Code
1-L	HCL6	6N HCL	Entity Code
1-L	HEPA	Ammonium heparin	Entity Code
1-L	HEPL	Lithium/Li Heparin	Entity Code
1-L	HEPN	Sodium/Na Heparin	Entity Code
1-L	HNO3	Nitric Acid	Entity Code
1-L	JKM	Jones Kendrick Medium	Entity Code
1-L	KARN	Karnovsky's fixative	Entity Code
1-L	KOX	Potassium Oxalate	Entity Code
1-L	LIA	Lithium iodoacetate	Entity Code
1-L	M4	M4	Entity Code
1-L	M4RT	M4-RT	Entity Code

1-L	M5	M5	Entity Code
1-L	MICHTM	Michel's transport medium	Entity Code
1-L	MMDTM	MMD transport medium	Entity Code
1-L	NAF	Sodium Fluoride	Entity Code
1-L	NONE	None	Entity Code
1-L	PAGE	Page's Saline	Entity Code
1-L	PHENOL	Phenol	Entity Code
1-L	PVA	Polyvinylalcohol	Entity Code
1-L	RLM	Reagan Lowe Medium	Entity Code
1-L	SILICA	Siliceous earth	Entity Code
1-L	SPS	Sodium polyanethol sulfonate 0.35% in 0.85% sodium chloride	Entity Code
1-L	SST	Serum Separator Tube	Entity Code
1-L	STUTM	Stuart transport medium	Entity Code
1-L	THROM	Thrombin	Entity Code
1-L	THYMOL	Thymol	Entity Code
1-L	THYO	Thyoglycolate broth	Entity Code
1-L	TOLU	Toluene	Entity Code
1-L	URETM	Ureaplasma transport medium	Entity Code
1-L	VIRTM	Viral Transport medium	Entity Code
1-L	WEST	Buffered Citrate	Entity Code
1-S	PKG	Package	Entity Code
2-A	_NonRigidContainerEntityType	NonRigidContainerEntityType	Entity Code
3-L	BAG	Bag	Entity Code
3-L	PACKT	Packet	Entity Code
3-L	PCH	Pouch	Entity Code
3-L	SACH	Sachet	Entity Code
2-A	_RigidContainerEntityType	RigidContainerEntityType	Entity Code


3-A	_IndividualPackageEntityType	IndividualPackageEntityType	Entity Code
4-L	AMP	Ampule	Entity Code
4-L	MINIM	Minim	Entity Code
4-L	NEBAMP	Nebuamp	Entity Code
4-L	OVUL	Ovule	Entity Code
3-A	_MultiUseContainerEntityType	MultiUseContainerEntityType	Entity Code
4-S	BOT	Bottle	Entity Code
5-L	BOTA	Amber Bottle	Entity Code
5-L	BOTD	Dropper Bottle	Entity Code
5-L	BOTG	Glass Bottle	Entity Code
5-S	BOTP	Plastic Bottle	Entity Code
6-L	BOTPLY	Polyethylene Bottle	Entity Code
4-L	BOX	Box	Entity Code
4-L	CAN	Can	Entity Code
4-L	CART	Cartridge	Entity Code
4-L	CNSTR	Canister	Entity Code
4-L	JAR	Jar	Entity Code
4-L	JUG	Jug	Entity Code
4-L	TIN	Tin	Entity Code
4-L	TUB	Tub	Entity Code
4-L	TUBE	Tube	Entity Code
4-L	VIAL	Vial	Entity Code
3-S	BLSTRPK	Blister Pack	Entity Code
4-L	CARD	Card	Entity Code
2-S	COMPPKG	Compliance Package	Entity Code
3-S	BLSTRPK	Blister Pack	Entity Code
4-L	CARD	Card	Entity Code

3-L	DIALPK	Dial Pack	Entity Code
3-L	DISK	Disk	Entity Code
3-L	DOSET	Dosette	Entity Code
3-L	STRIP	Strip	Entity Code
2-S	KIT	Kit	Entity Code
3-L	SYSTM	System	Entity Code
1-A	_AccessMedicalDevice	AccessMedicalDevice	Entity Code
2-S	LINE	Line	Entity Code
3-L	IALINE	Intra-arterial Line	Entity Code
3-L	IVLINE	Intravenous Line	Entity Code
1-A	_AdministrationMedicalDevice	AdministrationMedicalDevice	Entity Code
2-A	_InjectionMedicalDevice	InjectionMedicalDevice	Entity Code
3-L	AINJ	AutoInjector	Entity Code
3-L	PEN	Pen	Entity Code
3-L	SYR	Syringe	Entity Code
2-L	APLCTR	Applicator	Entity Code
2-S	INH	Inhaler	Entity Code
3-L	DSKS	Diskus	Entity Code
3-L	DSKUNH	Diskhaler	Entity Code
3-L	TRBINH	Turbuhaler	Entity Code
2-L	PMP	Pump	Entity Code
0-L	VCCNE	Vaccine	Entity Code
1-L	BED	Bed Location	Entity Code
1-L	BLDG	Building Location	Entity Code
1-L	FLOOR	Floor Location	Entity Code
1-L	ROOM	Room Location	Entity Code
1-L	WING	Wing Location	Entity Code

0-A	_OrganizationEntityType	OrganizationEntityType	Entity Code
1-L	HHOLD	household	Entity Code
1-L	NAT	NationEntityType	Entity Code
1-L	RELIG	religious institution	Entity Code
0-L	PRAC	PractitionerGroup	Entity Code
0-L	VCCNE	Vaccine	Entity Code
0-L	BLDPRD	Blood Product	Entity Code
0-L	VCCNE	Vaccine	Entity Code

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.10. epSOSHealthcareProfessionalRoles

<b>Id</b>	1.3.6.1.4.1.12559.11.10.1.3.1.42.1 ref (from repository: epsos-)	<b>Effective Date</b>	valid from 2013-06-03
<b>Status</b>	 Draft	<b>Version Label</b>	2008
<b>Name</b>	epSOSHealthcareProfessionalRoles	<b>Display Name</b>	epSOSHealthcareProfessionalRoles
<b>Description</b>			
<b>Source Code System</b>	2.16.840.1.113883.2.9.6.2.7		

Level/ Type	Code	Display Name	Code System
0-L	22	Health professionals	2.16.840.1.113883.2.9.6.2.7
0-L	221	Medical doctors	2.16.840.1.113883.2.9.6.2.7
0-L	2211	Generalist medical practitioners	2.16.840.1.113883.2.9.6.2.7
0-L	2212	Specialist medical practitioners	2.16.840.1.113883.2.9.6.2.7
0-L	222	Nursing and midwifery professionals	2.16.840.1.113883.2.9.6.2.7
0-L	2221	Nursing professionals	2.16.840.1.113883.2.9.6.2.7
0-L	2222	Midwifery professionals	2.16.840.1.113883.2.9.6.2.7


0-L	223	Traditional and complementary medicine professionals	2.16.840.1.113883.2.9.6.2.7
0-L	224	Paramedical practitioners	2.16.840.1.113883.2.9.6.2.7
0-L	225	Veterinarians	2.16.840.1.113883.2.9.6.2.7
0-L	226	Other health professionals	2.16.840.1.113883.2.9.6.2.7
0-L	2261	Dentists	2.16.840.1.113883.2.9.6.2.7
0-L	2262	Pharmacists	2.16.840.1.113883.2.9.6.2.7
0-L	2263	Environmental and occupational health and hygiene professionals	2.16.840.1.113883.2.9.6.2.7
0-L	2264	Physiotherapists	2.16.840.1.113883.2.9.6.2.7
0-L	2265	Dieticians and nutritionists	2.16.840.1.113883.2.9.6.2.7
0-L	2266	Audiologists and speech therapists	2.16.840.1.113883.2.9.6.2.7
0-L	2267	Optometrists and ophthalmic opticians	2.16.840.1.113883.2.9.6.2.7
0-L	2269	Health professionals not elsewhere classified	2.16.840.1.113883.2.9.6.2.7
0-L	32	Health associate professionals	2.16.840.1.113883.2.9.6.2.7
0-L	321	Medical and pharmaceutical technicians	2.16.840.1.113883.2.9.6.2.7
0-L	3211	Medical imaging and therapeutic equipment technicians	2.16.840.1.113883.2.9.6.2.7
0-L	3212	Medical and pathology laboratory technicians	2.16.840.1.113883.2.9.6.2.7
0-L	3213	Pharmaceutical technicians and assistants	2.16.840.1.113883.2.9.6.2.7
0-L	3214	Medical and dental prosthetic technicians	2.16.840.1.113883.2.9.6.2.7
0-L	322	Nursing and midwifery associate professionals	2.16.840.1.113883.2.9.6.2.7
0-L	3221	Nursing associate professionals	2.16.840.1.113883.2.9.6.2.7
0-L	3222	Midwifery associate professionals	2.16.840.1.113883.2.9.6.2.7
0-L	323	Traditional and complementary medicine associate professionals	2.16.840.1.113883.2.9.6.2.7
0-L	325	Other health associate professionals	2.16.840.1.113883.2.9.6.2.7
0-L	3251	Dental assistants and therapists	2.16.840.1.113883.2.9.6.2.7
0-L	3252	Medical records and health information technicians	2.16.840.1.113883.2.9.6.2.7
0-L	3253	Community health workers	2.16.840.1.113883.2.9.6.2.7
0-L	3254	Dispensing opticians	2.16.840.1.113883.2.9.6.2.7



0-L	3255	Physiotherapy technicians and assistants	2.16.840.1.113883.2.9.6.2.7
0-L	3256	Medical assistants	2.16.840.1.113883.2.9.6.2.7
0-L	3257	Environmental and occupational health inspectors and associates	2.16.840.1.113883.2.9.6.2.7
0-L	3258	Ambulance workers	2.16.840.1.113883.2.9.6.2.7
0-L	3259	Health associate professionals not elsewhere classified	2.16.840.1.113883.2.9.6.2.7

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.11. HumanLanguage


<b>Id</b>	2.16.840.1.113883.1.11.11526 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	HumanLanguage	<b>Display Name</b>	HumanLanguage
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>Codes for the representation of the names of human languages.</p>		

### A valid code from the code system:

Code System Name	Code System Id	Code System Version
<i>Tags for the Identification of Languages</i>	2.16.840.1.113883.6.121	

## 2.12. IHE XD-LAB Laboratory Specialties


<b>Id</b>	2.16.756.5.30.1.1.11.2	<b>Effective Date</b>	valid from 2016-05-27
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<b>Status</b>	 Draft	<b>Version Label</b>	
<b>Name</b>	IHE_XD_LAB_Laboratory_Specialties	<b>Display Name</b>	IHE XD-LAB Laboratory Specialties
<b>Source Code System</b>	2.16.840.1.113883.6.1 - <i>Logical Observation Identifier Names and Codes</i>		

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.


## 2.13. Laboratory Specialties

<b>Id</b>	1.3.6.1.4.1.19376.1.3.11.1 ref (from repository: XDLAB-)	<b>Effective Date</b>	valid from 2008-08-08
<b>Status</b>	 Final	<b>Version Label</b>	
<b>Name</b>	LaboratorySpecialties	<b>Display Name</b>	Laboratory Specialties
<b>Description</b>	<p>Laboratory Specialties. Notes:</p> <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Note 2:18721-1 (THERAPEUTIC DRUG MONITORING STUDIES) will be used for a section carrying pharmacology observations on a patient.</li> <li>▪ Note 3:Mycology and parasitology, as well as bacteriology, are part of the 18725-2 (MICROBIOLOGY STUDIES) specialty.</li> <li>▪ 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.</li> </ul>		
<b>Source Code System</b>	2.16.840.1.113883.6.1 - <i>Logical Observation Identifier Names and Codes</i>		
<b>Level/ Type</b>	<b>Code</b>	<b>Display Name</b>	<b>Code System</b>
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.


## 2.14. LanguageAbilityMode

<b>Id</b>	2.16.840.1.113883.1.11.12249 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	LanguageAbilityMode	<b>Display Name</b>	LanguageAbilityMode
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A value representing the method of expression of the language.</p> <p><i>Example:</i> Expressed spoken, expressed written, expressed signed, received spoken, received written, received signed.</p>		

Source Code System		2.16.840.1.113883.5.60 - <i>Language Ability Mode</i>		
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.

## 2.15. LanguageAbilityProficiency

<b>Id</b>	2.16.840.1.113883.1.11.12199 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	LanguageAbilityProficiency	<b>Display Name</b>	LanguageAbilityProficiency
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A value representing the level of proficiency in a language.</p> <p><i>Example:</i> Excellent, good, fair, poor.</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.61 - <i>Language Ability Proficiency</i>		

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.

## 2.16. LOINC and SNOMED-CT

<b>Id</b>	2.16.756.5.30.1.1.11.6	<b>Effective Date</b>	valid from 2016-07-14
<b>Status</b>	 Draft	<b>Version Label</b>	2016
<b>Name</b>	LoincAndSnomedCt	<b>Display Name</b>	LOINC and SNOMED-CT

A valid code from one of the 2 code systems:

Code System Name	Code System Id	Code System Version
<i>SNOMED Clinical Terms</i>	2.16.840.1.113883.6.96	
<i>Logical Observation Identifier Names and Codes</i>	2.16.840.1.113883.6.1	

## 2.17. MaritalStatus

<b>Id</b>	2.16.840.1.113883.1.11.12212 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	MaritalStatus	<b>Display Name</b>	MaritalStatus
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p>		

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.

### 2.18. MediaType

<b>Id</b>	2.16.840.1.113883.1.11.14824 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	MediaType	<b>Display Name</b>	MediaType


<b>Description</b>		<b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26	
		<b>description:</b>	
		Internet Assigned Numbers Authority (IANA) Mime Media Types	
<b>Source Code System</b>		2.16.840.1.113883.5.79 - <i>Media Type</i>	
Level/ Type	Code	Display Name	Code System
0-S	application	ApplicationMediaType	Media Type
1-L	application/dicom	DICOM	Media Type
1-L	application/msword	MSWORD	Media Type
1-L	application/pdf	PDF	Media Type
0-S	audio	AudioMediaType	Media Type
1-L	audio/basic	Basic Audio	Media Type
1-L	audio/k32adpcm	K32ADPCM Audio	Media Type
1-L	audio/mpeg	MPEG audio layer 3 MP3 Audio	Media Type
0-S	image	ImageMediaType	Media Type
1-L	image/g3fax	G3Fax Image	Media Type
1-L	image/gif	GIF Image	Media Type
1-L	image/jpeg	JPEG Image	Media Type
1-L	image/png	PNG Image	Media Type
1-L	image/tiff	TIFF Image	Media Type
0-S	model	ModelMediaType	Media Type
1-L	model/vrml	VRML Model	Media Type
0-S	multipart	MultipartMediaType	Media Type
1-L	multipart/x-hl7-cda-level-one	CDA Level 1 Multipart	Media Type
0-S	text	TextMediaType	Media Type



1-L	text/html	HTML Text	Media Type
1-L	text/plain	Plain Text	Media Type
1-L	text/rtf	RTF Text	Media Type
1-L	text/sgml	SGML Text	Media Type
1-L	text/x-hl7-ft	HL7 Text	Media Type
1-L	text/x-hl7-text+xml	HL7 Structured Narrative	Media Type
1-L	text/xml	XML Text	Media Type
0-S	video	VideoMediaType	Media Type
1-L	video/mpeg	MPEG Video	Media Type
1-L	video/x-avi	X-AVI Video	Media Type


Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.19. Multi-disciplinary Laboratory Report

<b>Id</b>	1.3.6.1.4.1.19376.1.3.11.6 ref (from repository: XDLAB-)	<b>Effective Date</b>	valid from 2016-06-28 20:13:09
<b>Status</b>	 Draft	<b>Version Label</b>	2016
<b>Name</b>	IHEMultidisciplinaryLaboratoryReport	<b>Display Name</b>	Multi-disciplinary Laboratory Report
<b>Source Code System</b>	2.16.840.1.113883.6.1 - <i>Logical Observation Identifier Names and Codes</i>		
<b>Level/ Type</b>	<b>Code</b>	<b>Display Name</b>	<b>Code System</b>
0-L	11502-2	LABORATORY REPORT.TOTAL	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.


## 2.20. Multimedia Embedded Media Types

<b>Id</b>	1.3.6.1.4.1.19376.1.3.11.5 ref (from repository: XDLAB-)	<b>Effective Date</b>	valid from 2008-08-08
<b>Status</b>	 Draft	<b>Version Label</b>	2016
<b>Name</b>	MultimediaEmbeddedMediaTypes	<b>Display Name</b>	Multimedia Embedded Media Types
<b>Source Code System</b>	2.16.840.1.113883.5.79 - <i>Media Type</i>		

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.

## 2.21. NullFlavor


<b>Id</b>	2.16.840.1.113883.1.11.10609 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	NullFlavor	<b>Display Name</b>	NullFlavor
<b>Description</b>	<b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
<b>Source Code System</b>	2.16.840.1.113883.5.1008 - <i>Null Flavor</i>		

Level/ Type	Code	Display Name	Code System
0-S	NI	NoInformation	Null Flavor

1-S	INV	invalid	Null Flavor
2-L	DER	derived	Null Flavor
2-S	OTH	other	Null Flavor
3-L	NINF	negative infinity	Null Flavor
3-L	PINF	positive infinity	Null Flavor
2-L	UNC	un-encoded	Null Flavor
1-L	MSK	masked	Null Flavor
1-L	NA	not applicable	Null Flavor
1-S	UNK	unknown	Null Flavor
2-S	ASKU	asked but unknown	Null Flavor
3-L	NAV	temporarily unavailable	Null Flavor
2-L	NASK	not asked	Null Flavor
2-S	NAVU	Not available	Null Flavor
3-L	NAV	temporarily unavailable	Null Flavor
2-L	QS	Sufficient Quantity	Null Flavor
2-L	TRC	trace	Null Flavor

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.22. ObservationInterpretation


<b>Id</b>	2.16.840.1.113883.1.11.78 ref (from repository: ccda-)	<b>Effective Date</b>	valid from 2014-09-01
<b>Status</b>	 Final	<b>Version Label</b>	
<b>Name</b>	ObservationInterpretationHL7	<b>Display Name</b>	Observation Interpretation (HL7)
<b>Source Code System</b>	2.16.840.1.113883.5.83 - <i>Observation Interpretation</i>		

Level/ Type	Code	Display Name	Code System
0-L	A	abnormal	Observation Interpretation
0-L	B	better	Observation Interpretation
0-L	Carrier	carrier	Observation Interpretation
0-L	D	decreased	Observation Interpretation
0-L	HX	above high threshold	Observation Interpretation
0-L	I	intermediate	Observation Interpretation
0-L	IND	indeterminate	Observation Interpretation
0-L	LX	below low threshold	Observation Interpretation
0-L	MS	moderately susceptible	Observation Interpretation
0-L	N	normal	Observation Interpretation
0-L	NEG	negative	Observation Interpretation
0-L	POS	positive	Observation Interpretation
0-L	R	resistent	Observation Interpretation
0-L	S	susceptible	Observation Interpretation
0-L	U	increased	Observation Interpretation
0-L	VS	very susceptible	Observation Interpretation
0-L	W	worse	Observation Interpretation
0-L	EX	outside threshold	Observation Interpretation
0-L	HX	above high threshold	Observation Interpretation
0-L	<	low off scale	Observation Interpretation
0-L	>	high off scale	Observation Interpretation
0-L	AA	abnormal alert	Observation Interpretation
0-L	HH	high alert	Observation Interpretation
0-L	LL	low alert	Observation Interpretation
0-L	H	high	Observation Interpretation
0-L	L	low	Observation Interpretation

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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.23. ObservationMethod

<b>Id</b>	2.16.840.1.113883.1.11.14079 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ObservationMethod	<b>Display Name</b>	ObservationMethod
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vauue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A code that provides additional detail about the means or technique used to ascertain the observation.</p> <p><i>Examples:</i> Blood pressure measurement method: arterial puncture vs. sphymomanometer (Riva-Rocci), sitting vs. supine position, etc.</p> <p><i>Constraints:</i> In all observations the method is already partially specified by the Act.code. In this case, the methodCode NEED NOT be used at all. The methodCode MAY still be used to identify this method more clearly in addition to what is implied from the Act.code. However, an information consumer system or process SHOULD NOT depend on this methodCode information for method detail that is implied by the Act.code.</p> <p>If the methodCode is used to express method detail that is also implied by the Act.code, the methodCode MUST NOT be in conflict with the implied method of the Act.code.</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.84 - <i>Observation Method</i>		

Level/ Type	Code	Display Name	Code System
0-L	0001	Complement fixation	Observation Method
0-L	0002	Computed axial tomography	Observation Method

0-L	0003	HLAR agar test	Observation Method
0-L	0004	Macroscopic observation	Observation Method
0-L	0005	Magnetic resonance	Observation Method
0-L	0006	Morphometry	Observation Method
0-L	0007	Positron emission tomography	Observation Method
0-L	0008	SAMHSA confirmation	Observation Method
0-L	0009	SAMHSA screening	Observation Method
0-L	0010	Serum Neutralization	Observation Method
0-L	0011	Titration	Observation Method
0-L	0012	Ultrasound	Observation Method
0-L	0013	X-ray crystallography	Observation Method
0-L	0014	Agglutination	Observation Method
0-L	0015	Buffered acidified plate agglutination	Observation Method
0-L	0016	Card agglutination	Observation Method
0-L	0017	Hemagglutination	Observation Method
0-L	0018	Hemagglutination inhibition	Observation Method
0-L	0019	Latex agglutination	Observation Method
0-L	0020	Plate agglutination	Observation Method
0-L	0021	Rapid agglutination	Observation Method
0-L	0022	RBC agglutination	Observation Method
0-L	0023	Rivanol agglutination	Observation Method
0-L	0024	Tube agglutination	Observation Method
0-L	0025	Bioassay	Observation Method
0-L	0026	Animal Inoculation	Observation Method
0-L	0027	Cytotoxicity	Observation Method
0-L	0028	Embryo infective dose 50	Observation Method
0-L	0029	Embryo lethal dose 50	Observation Method

0-L	0030	Mouse intercerebral inoculation	Observation Method
0-L	0031	Bioassay, qualitative	Observation Method
0-L	0032	Bioassay, quantitative	Observation Method
0-L	0033	Chemical method	Observation Method
0-L	0034	Differential light absorption chemical test	Observation Method
0-L	0035	Dipstick	Observation Method
0-L	0036	Dipstick colorimetric laboratory test	Observation Method
0-L	0037	Test strip	Observation Method
0-L	0038	Chromatography	Observation Method
0-L	0039	Affinity chromatography	Observation Method
0-L	0040	Gas liquid chromatography	Observation Method
0-L	0041	High performance liquid chromatography	Observation Method
0-L	0042	Liquid Chromatography	Observation Method
0-L	0043	Protein A affinity chromatography	Observation Method
0-L	0044	Coagulation	Observation Method
0-L	0045	Tilt tube coagulation time	Observation Method
0-L	0046	Tilt tube reptilase induced coagulation	Observation Method
0-L	0047	Automated count	Observation Method
0-L	0048	Manual cell count	Observation Method
0-L	0049	Platelet count, Rees-Ecker	Observation Method
0-L	0050	Aerobic Culture	Observation Method
0-L	0051	Anaerobic Culture	Observation Method
0-L	0052	Chicken embryo culture	Observation Method
0-L	0053	Delayed secondary enrichment	Observation Method
0-L	0054	Microaerophilic Culture	Observation Method
0-L	0055	Quantitative microbial culture, cup	Observation Method
0-L	0056	Quantitative microbial culture, droplet	Observation Method

0-L	0057	Quantitative microbial culture, filter paper	Observation Method
0-L	0058	Quantitative microbial culture, pad culture	Observation Method
0-L	0059	Quantitative microbial culture, pour plate	Observation Method
0-L	0060	Quantitative microbial culture, surface streak	Observation Method
0-L	0061	Somatic Cell culture	Observation Method
0-L	0062	Agar diffusion	Observation Method
0-L	0063	Agar Gel Immunodiffusion	Observation Method
0-L	0064	Electrophoresis	Observation Method
0-L	0065	Agaorse gel electrophoresis	Observation Method
0-L	0066	Electrophoresis, citrate agar	Observation Method
0-L	0067	Immunolectrophoresis	Observation Method
0-L	0068	Polyacrylamide gel electrophoresis	Observation Method
0-L	0069	Starch gel electrophoresis	Observation Method
0-L	0070	ELISA	Observation Method
0-L	0071	ELISA, antigen capture	Observation Method
0-L	0072	ELISA, avidin biotin peroxidase complex	Observation Method
0-L	0073	Kinetic ELISA	Observation Method
0-L	0074	ELISA, peroxidase-antiperoxidase	Observation Method
0-L	0075	API 20 Strep	Observation Method
0-L	0076	API 20A	Observation Method
0-L	0077	API 20C AUX	Observation Method
0-L	0078	API 20E	Observation Method
0-L	0079	API 20NE	Observation Method
0-L	0080	API 50 CH	Observation Method
0-L	0081	API An-IDENT	Observation Method
0-L	0082	API Coryne	Observation Method
0-L	0083	API Rapid 20E	Observation Method



0-L	0084	API Staph	Observation Method
0-L	0085	API ZYM	Observation Method
0-L	0086	Bacterial identification	Observation Method
0-L	0087	mini VIDAS	Observation Method
0-L	0088	Phage susceptibility typing	Observation Method
0-L	0089	Quad-FERM+	Observation Method
0-L	0090	RAPIDEC Staph	Observation Method
0-L	0091	Staphaurex	Observation Method
0-L	0092	VIDAS	Observation Method
0-L	0093	Vitek	Observation Method
0-L	0094	VITEK 2	Observation Method
0-L	0095	Immune stain	Observation Method
0-L	0096	Immunofluorescent antibody, direct	Observation Method
0-L	0097	Immunofluorescent antibody, indirect	Observation Method
0-L	0098	Immunoperoxidase, Avidin-Biotin Complex	Observation Method
0-L	0099	Immunoperoxidase, Peroxidase anti-peroxidase complex	Observation Method
0-L	0100	Immunoperoxidase, Protein A-peroxidase complex	Observation Method
0-L	0101	Immunoassay	Observation Method
0-L	0102	Immunoassay, qualitative, multiple step	Observation Method
0-L	0103	Immunoassay, qualitative, single step	Observation Method
0-L	0104	Radioimmunoassay	Observation Method
0-L	0105	Immunoassay, semi-quantitative, multiple step	Observation Method
0-L	0106	Immunoassay, semi-quantitative, single step	Observation Method
0-L	0107	Microscopy	Observation Method
0-L	0108	Darkfield microscopy	Observation Method
0-L	0109	Electron microscopy	Observation Method
0-L	0110	Electron microscopy tomography	Observation Method

0-L	0111	Electron microscopy, negative stain	Observation Method
0-L	0112	Electron microscopy, thick section	Observation Method
0-L	0113	Electron microscopy, thin section	Observation Method
0-L	0114	Microscopy, Light	Observation Method
0-L	0115	Polarizing light microscopy	Observation Method
0-L	0116	Scanning electron microscopy	Observation Method
0-L	0117	Transmission electron microscopy	Observation Method
0-L	0118	Transparent tape direct examination	Observation Method
0-L	0119	3 Self-Sustaining Sequence Replication	Observation Method
0-L	0120	Branched Chain DNA	Observation Method
0-L	0121	Hybridization Protection Assay	Observation Method
0-L	0122	Immune blot	Observation Method
0-L	0123	In-situ hybridization	Observation Method
0-L	0124	Ligase Chain Reaction	Observation Method
0-L	0125	Ligation Activated Transcription	Observation Method
0-L	0126	Nucleic Acid Probe	Observation Method
0-L	0128	Nucleic acid probe with amplification	Observation Method
0-L	0129	Nucleic acid probe with target amplification	Observation Method
0-L	0130	Nucleic acid reverse transcription	Observation Method
0-L	0131	Nucleic Acid Sequence Based Analysis	Observation Method
0-L	0132	Polymerase chain reaction	Observation Method
0-L	0133	Q-Beta Replicase or probe amplification category method	Observation Method
0-L	0134	Restriction Fragment Length Polymorphism	Observation Method
0-L	0135	Southern Blot	Observation Method
0-L	0136	Strand Displacement Amplification	Observation Method
0-L	0137	Transcription Mediated Amplification	Observation Method
0-L	0138	Western Blot	Observation Method

0-L	0139	Flocculation	Observation Method
0-L	0140	Immune precipitation	Observation Method
0-L	0141	Milk ring test	Observation Method
0-L	0142	Precipitin	Observation Method
0-L	0143	Acid fast stain	Observation Method
0-L	0144	Acid fast stain, fluorochrome	Observation Method
0-L	0145	Acid fast stain, Kinyoun's cold carbolfuchsin	Observation Method
0-L	0146	Acid fast stain, Ziehl-Neelsen	Observation Method
0-L	0147	Acid phosphatase stain	Observation Method
0-L	0148	Acridine orange stain	Observation Method
0-L	0149	Active brilliant orange KH stain	Observation Method
0-L	0150	Alazarin red S stain	Observation Method
0-L	0151	Alcian blue stain	Observation Method
0-L	0152	Alcian blue with Periodic acid Schiff stain	Observation Method
0-L	0153	Argentaffin stain	Observation Method
0-L	0154	Argentaffin silver stain	Observation Method
0-L	0155	Azure-eosin stain	Observation Method
0-L	0156	Basic Fuschin stain	Observation Method
0-L	0157	Bennhold stain	Observation Method
0-L	0158	Bennhold's Congo red stain	Observation Method
0-L	0159	Bielschowsky stain	Observation Method
0-L	0160	Bielschowsky's silver stain	Observation Method
0-L	0161	Bleach stain	Observation Method
0-L	0162	Bodian stain	Observation Method
0-L	0163	Brown-Brenn stain	Observation Method
0-L	0164	Butyrate-esterase stain	Observation Method
0-L	0165	Calcofluor white fluorescent stain	Observation Method

0-L	0166	Carbol-fuchsin stain	Observation Method
0-L	0167	Carmine stain	Observation Method
0-L	0168	Churukian-Schenk stain	Observation Method
0-L	0169	Congo red stain	Observation Method
0-L	0170	Cresyl echt violet stain	Observation Method
0-L	0171	Crystal violet stain	Observation Method
0-L	0172	De Galantha stain	Observation Method
0-L	0173	Dieterle silver impregnation stain	Observation Method
0-L	0174	Fite-Farco stain	Observation Method
0-L	0175	Fontana-Masson silver stain	Observation Method
0-L	0176	Fouchet stain	Observation Method
0-L	0177	Gomori stain	Observation Method
0-L	0178	Gomori methenamine silver stain	Observation Method
0-L	0179	Gomori-Wheatly trichrome stain	Observation Method
0-L	0180	Gridley stain	Observation Method
0-L	0181	Grimelius silver stain	Observation Method
0-L	0182	Grocott stain	Observation Method
0-L	0183	Grocott methenamine silver stain	Observation Method
0-L	0184	Hale's colloidal ferric oxide stain	Observation Method
0-L	0185	Hale's colloidal iron stain	Observation Method
0-L	0186	Hansel stain	Observation Method
0-L	0187	Harris regressive hematoxylin and eosin stain	Observation Method
0-L	0188	Hematoxylin and eosin stain	Observation Method
0-L	0189	Highman stain	Observation Method
0-L	0190	Holzer stain	Observation Method
0-L	0191	Iron hematoxylin stain	Observation Method
0-L	0192	Jones stain	Observation Method

0-L	0193	Jones methenamine silver stain	Observation Method
0-L	0194	Kossa stain	Observation Method
0-L	0195	Lawson-Van Gieson stain	Observation Method
0-L	0196	Loeffler methylene blue stain	Observation Method
0-L	0197	Luxol fast blue with cresyl violet stain	Observation Method
0-L	0198	Luxol fast blue with Periodic acid-Schiff stain	Observation Method
0-L	0199	MacNeal's tetrachrome blood stain	Observation Method
0-L	0200	Mallory-Heidenhain stain	Observation Method
0-L	0201	Masson trichrome stain	Observation Method
0-L	0202	Mayer mucicarmine stain	Observation Method
0-L	0203	Mayers progressive hematoxylin and eosin stain	Observation Method
0-L	0204	May-Grunwald Giemsa stain	Observation Method
0-L	0205	Methyl green stain	Observation Method
0-L	0206	Methyl green pyronin stain	Observation Method
0-L	0207	Modified Gomori-Wheatly trichrome stain	Observation Method
0-L	0208	Modified Masson trichrome stain	Observation Method
0-L	0209	Modified trichrome stain	Observation Method
0-L	0210	Movat pentachrome stain	Observation Method
0-L	0211	Mucicarmine stain	Observation Method
0-L	0212	Neutral red stain	Observation Method
0-L	0213	Night blue stain	Observation Method
0-L	0214	Non-specific esterase stain	Observation Method
0-L	0215	Oil red-O stain	Observation Method
0-L	0216	Orcein stain	Observation Method
0-L	0217	Perls' stain	Observation Method
0-L	0218	Phosphotungstic acid-hematoxylin stain	Observation Method
0-L	0219	Potassium ferrocyanide stain	Observation Method

0-L	0220	Prussian blue stain	Observation Method
0-L	0221	Putchler modified Bennhold stain	Observation Method
0-L	0222	Quinacrine fluorescent stain	Observation Method
0-L	0223	Reticulin stain	Observation Method
0-L	0224	Rhodamine stain	Observation Method
0-L	0225	Safranin stain	Observation Method
0-L	0226	Schmorl stain	Observation Method
0-L	0227	Seiver-Munger stain	Observation Method
0-L	0228	Silver stain	Observation Method
0-L	0229	Specific esterase stain	Observation Method
0-L	0230	Steiner silver stain	Observation Method
0-L	0231	Sudan III stain	Observation Method
0-L	0232	Sudan IVI stain	Observation Method
0-L	0233	Sulfated alcian blue stain	Observation Method
0-L	0234	Supravital stain	Observation Method
0-L	0235	Thioflavine-S stain	Observation Method
0-L	0236	Three micron Giemsa stain	Observation Method
0-L	0237	Vassar-Culling stain	Observation Method
0-L	0238	Vital Stain	Observation Method
0-L	0239	von Kossa stain	Observation Method
0-L	0240	Antibiotic sensitivity, disk	Observation Method
0-L	0241	BACTEC susceptibility test	Observation Method
0-L	0242	Disk dilution	Observation Method
0-L	0243	Minimum bactericidal concentration test, macrodilution	Observation Method
0-L	0244	Minimum bactericidal concentration test, microdilution	Observation Method
0-L	0245	Minimum Inhibitory Concentration, macrodilution	Observation Method
0-L	0246	Minimum Inhibitory Concentration, microdilution	Observation Method

0-L	0247	Turbidometric	Observation Method
0-L	0248	Refractometric	Observation Method
0-L	0249	Thin layer chromatography (TLC)	Observation Method
0-L	0250	EMIT	Observation Method
0-L	0251	Flow cytometry (FC)	Observation Method
0-L	0252	Radial immunodiffusion (RID)	Observation Method
0-L	0253	Fluorescence polarization immunoassay (FPIA)	Observation Method
0-L	0254	Immunofixation electrophoresis (IFE)	Observation Method
0-L	0255	Equilibrium dialysis	Observation Method
0-L	0256	Kleihauer-Betke acid elution	Observation Method
0-L	0257	Anti-complement immunofluorescence (ACIF)	Observation Method
0-L	0258	GC/MS	Observation Method
0-L	0259	Nephelometry	Observation Method
0-L	0260	IgE immunoassay antibody	Observation Method
0-L	0261	Lymphocyte Microcytotoxicity Assay	Observation Method
0-L	0262	Spectrophotometry	Observation Method
0-L	0263	Atomic absorption spectrophotometry (AAS)	Observation Method
0-L	0264	Ion selective electrode (ISE)	Observation Method
0-L	0265	Gas chromatography (GC)	Observation Method
0-L	0266	Isoelectric focusing (IEF)	Observation Method
0-L	0267	Immunochemiluminescence	Observation Method
0-L	0268	Microparticle enzyme immunoassay (MEIA)	Observation Method
0-L	0269	ICP/MS	Observation Method
0-L	0270	Immunoradiometric assay (IRMA)	Observation Method
0-L	0271	Photo optical clot detection	Observation Method
1-S	ALGM	algorithm	Observation Method
2-L	BYCL	bayesian calculation	Observation Method


1-L	GINT	global introspection	Observation Method
0-S	ALGM	algorithm	Observation Method
0-L	BYCL	bayesian calculation	Observation Method
0-L	GINT	global introspection	Observation Method
0-S	0272	Minimum Inhibitory Concentration	Observation Method
1-L	0245	Minimum Inhibitory Concentration, macrodilution	Observation Method
1-L	0246	Minimum Inhibitory Concentration, microdilution	Observation Method
0-L	0275a	Minimum Lethal Concentration (MLC)	Observation Method
0-S	0280	Susceptibility Testing	Observation Method
1-L	0240	Antibiotic sensitivity, disk	Observation Method
1-L	0241	BACTEC susceptibility test	Observation Method
1-L	0242	Disk dilution	Observation Method
1-S	0272	Minimum Inhibitory Concentration	Observation Method
1-L	0273	Viral Genotype Susceptibility	Observation Method
1-L	0274	Viral Phenotype Susceptibility	Observation Method
1-L	0275	Gradient Strip	Observation Method
1-L	0275a	Minimum Lethal Concentration (MLC)	Observation Method
1-L	0276	Slow Mycobacteria Susceptibility	Observation Method
1-L	0277	Serum bactericidal titer	Observation Method
1-L	0278	Agar screen	Observation Method
1-L	0279	Disk induction	Observation Method
0-A	_VerificationMethod	VerificationMethod	Observation Method
1-L	VDOC	document verification	Observation Method
1-L	VREG	registry verification	Observation Method
1-L	VTOKEN	electronic token verification	Observation Method
1-L	VVOICE	voice-based verification	Observation Method
0-A	_GeneticObservationMethod	GeneticObservationMethod	Observation Method



1-L	PCR	PCR	Observation Method
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Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.24. ObservationType

<b>Id</b>	2.16.840.1.113883.1.11.16226 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ObservationType	<b>Display Name</b>	ObservationType
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>Identifies the kinds of observations that can be performed</p>		

### A valid code from the code system:

Code System Name	Code System Id	Code System Version
<i>Logical Observation Identifier Names and Codes</i>	2.16.840.1.113883.6.1	

### Or one of the following:

2 Source Code Systems			
	2.16.840.1.113883.5.4 - Act Code		
	2.16.840.1.113883.6.1 - Logical Observation Identifier Names and Codes		
Level/ Type	Code	Display Name	Code System
1-A	_ActSpecObsCode	ActSpecObsCode	Act Code
2-L	ARTBLD	ActSpecObsArtBldCode	Act Code

2-S	DILUTION	ActSpecObsDilutionCode	Act Code
3-L	AUTO-HIGH	Auto-High Dilution	Act Code
3-L	AUTO-LOW	Auto-Low Dilution	Act Code
3-L	PRE	Pre-Dilution	Act Code
3-L	RERUN	Rerun Dilution	Act Code
2-L	EVNFCTS	ActSpecObsEvtfctsCode	Act Code
2-S	INTFR	ActSpecObsInterferenceCode	Act Code
3-L	FIBRIN	Fibrin	Act Code
3-L	HEMOLYSIS	Hemolysis	Act Code
3-L	ICTERUS	Icterus	Act Code
3-L	LIPEMIA	Lipemia	Act Code
2-S	VOLUME	ActSpecObsVolumeCode	Act Code
3-L	AVAILABLE	Available Volume	Act Code
3-L	CONSUMPTION	Consumption Volume	Act Code
3-L	CURRENT	Current Volume	Act Code
3-L	INITIAL	Initial Volume	Act Code
1-A	_AnnotationType	AnnotationType	Act Code
2-S	_ActPatientAnnotationType	ActPatientAnnotationType	Act Code
3-L	ANNDI	diagnostic image note	Act Code
3-L	ANNGEN	general note	Act Code
3-L	ANNIMM	immunization note	Act Code
3-L	ANNLAB	laboratory note	Act Code
3-L	ANNMED	medication note	Act Code
1-A	_GeneticObservationType	GeneticObservationType	Act Code
2-L	GENE	gene	Act Code
1-S	_ImmunizationObservationType	ImmunizationObservationType	Act Code
2-L	OBSANTC	antigen count	Act Code

2-L	OBSANTV	antigen validity	Act Code
1-A	_IndividualCaseSafetyReportType	Individual Case Safety Report Type	Act Code
2-L	PAT_ADV_EVNT	patient adverse event	Act Code
2-L	VAC_PROBLEM	vaccine product problem	Act Code
1-A	_LOINCObservationActContextAgeType	LOINCObservationActContextAgeType	Act Code
2-L	21611-9	age patient qn est	Act Code
2-L	21612-7	age patient qn reported	Act Code
2-L	29553-5	age patient qn calc	Act Code
2-L	30525-0	age patient qn definition	Act Code
2-L	30972-4	age at onset of adverse event	Act Code
1-A	_MedicationObservationType	MedicationObservationType	Act Code
2-L	REP_HALF_LIFE	representative half-life	Act Code
2-L	SPLCOATING	coating	Act Code
2-L	SPLCOLOR	color	Act Code
2-L	SPLIMAGE	image	Act Code
2-L	SPLIMPRINT	imprint	Act Code
2-L	SPLSCORING	scoring	Act Code
2-L	SPLSHAPE	shape	Act Code
2-L	SPLSIZE	size	Act Code
2-L	SPLSYMBOL	symbol	Act Code
1-A	_ObservationIssueTriggerCodedObservationType	ObservationIssueTriggerCodedObservationType	Act Code
2-A	_CaseTransmissionMode	case transmission mode	Act Code
3-L	AIRTRNS	airborne transmission	Act Code
3-L	ANANTRNS	animal to animal transmission	Act Code
3-L	ANHUMTRNS	animal to human transmission	Act Code
3-L	BDYFLDTRNS	body fluid contact transmission	Act Code
3-L	BLDTRNS	blood borne transmission	Act Code

3-L	DERMTRNS	transdermal transmission	Act Code
3-L	ENVTRNS	environmental exposure transmission	Act Code
3-L	FECTRNS	fecal-oral transmission	Act Code
3-L	FOMTRNS	fomite transmission	Act Code
3-L	FOODTRNS	food-borne transmission	Act Code
3-L	HUMHUMTRNS	human to human transmission	Act Code
3-L	INDTRNS	indeterminate disease transmission mode	Act Code
3-L	LACTTRNS	lactation transmission	Act Code
3-L	NOSTRNS	nosocomial transmission	Act Code
3-L	PARTRNS	parenteral transmission	Act Code
3-L	PLACTRNS	transplacental transmission	Act Code
3-L	SEXTRNS	sexual transmission	Act Code
3-L	TRNSFTRNS	transfusion transmission	Act Code
3-L	VECTRNS	vector-borne transmission	Act Code
3-L	WATTRNS	water-borne transmission	Act Code
1-S	_ObservationQualityMeasureAttribute	ObservationQualityMeasureAttribute	Act Code
2-L	AGGREGATE	aggregate measure observation	Act Code
2-L	COPY	copyright	Act Code
2-L	CRS	clinical recommendation statement	Act Code
2-L	DEF	definition	Act Code
2-L	DISC	disclaimer	Act Code
2-L	FINALDT	finalized date/time	Act Code
2-L	GUIDE	guidance	Act Code
2-L	IDUR	improvement notation	Act Code
2-L	ITMCNT	items counted	Act Code
2-L	KEY	keyword	Act Code
2-L	MEDT	measurement end date	Act Code

2-L	MSD	measurement start date	Act Code
2-L	MSRADJ	risk adjustment	Act Code
2-L	MSRAGG	rate aggregation	Act Code
2-L	MSRIMPROV	health quality measure improvement notation	Act Code
2-L	MSRJUR	jurisdiction	Act Code
2-L	MSRRPTR	reporter type	Act Code
2-L	MSRRPTIME	timeframe for reporting	Act Code
2-L	MSRSCORE	measure scoring	Act Code
2-L	MSRSET	health quality measure care setting	Act Code
2-L	MSRTOPIC	health quality measure topic type	Act Code
2-L	MSRTP	measurement period	Act Code
2-L	MSRTYPE	measure type	Act Code
2-L	RAT	rationale	Act Code
2-L	REF	reference	Act Code
2-L	SDE	supplemental data elements	Act Code
2-L	STRAT	stratification	Act Code
2-L	TRANF	transmission format	Act Code
2-L	USE	notice of use	Act Code
1-A	_ObservationSequenceType	ObservationSequenceType	Act Code
2-L	TIME_ABSOLUTE	absolute time sequence	Act Code
2-L	TIME_RELATIVE	relative time sequence	Act Code
1-A	_ObservationSeriesType	ObservationSeriesType	Act Code
2-A	_ECGObservationSeriesType	ECGObservationSeriesType	Act Code
3-L	REPRESENTATIVE_BEAT	ECG representative beat waveforms	Act Code
3-L	RHYTHM	ECG rhythm waveforms	Act Code
1-S	_PatientImmunizationRelatedObservationType	PatientImmunizationRelatedObservationType	Act Code
2-L	CLSSRM	classroom	Act Code

2-L	GRADE	grade	Act Code
2-L	SCHL	school	Act Code
2-L	SCHLDIV	school division	Act Code
2-L	TEACHER	teacher	Act Code
1-A	_PopulationInclusionObservationType	PopulationInclusionObservationType	Act Code
2-L	DENEX	denominator exclusions	Act Code
2-L	DENEXCEP	denominator exceptions	Act Code
2-L	DENOM	denominator	Act Code
2-S	IPOP	initial population	Act Code
3-L	IPPOP	initial patient population	Act Code
2-L	MSRPOPL	measure population	Act Code
2-L	MSRPOPLEX	measure population exclusions	Act Code
2-L	NUMER	numerator	Act Code
2-L	NUMEX	numerator exclusions	Act Code
1-A	_PreferenceObservationType	_PreferenceObservationType	Act Code
2-L	PREFSTRENGTH	preference strength	Act Code
1-L	ADVERSE_REACTION	Adverse Reaction	Act Code
1-L	ASSERTION	Assertion	Act Code
1-L	CASESER	case seriousness criteria	Act Code
1-L	CDIO	case disease imported observation	Act Code
1-L	CRIT	criticality	Act Code
1-L	CTMO	case transmission mode observation	Act Code
1-S	DX	ObservationDiagnosisTypes	Act Code
2-L	ADMDX	admitting diagnosis	Act Code
2-L	DISDX	discharge diagnosis	Act Code
2-L	INTDX	intermediate diagnosis	Act Code
2-L	NOI	nature of injury	Act Code

1-L	GISTIER	GIS tier	Act Code
1-L	HHOBS	household situation observation	Act Code
1-S	ISSUE	detected issue	Act Code
2-A	_ActAdministrativeDetectedIssueCode	ActAdministrativeDetectedIssueCode	Act Code
3-A	_ActAdministrativeAuthorizationDetectedIssueCode	ActAdministrativeAuthorizationDetectedIssueCode	Act Code
4-L	NAT	Insufficient authorization	Act Code
4-L	SUPPRESSED	record suppressed	Act Code
4-S	VALIDAT	validation issue	Act Code
5-L	KEY204	Unknown key identifier	Act Code
5-L	KEY205	Duplicate key identifier	Act Code
5-S	COMPLY	Compliance Alert	Act Code
6-S	DUPTHPY	Duplicate Therapy Alert	Act Code
7-L	DUPTHPCLS	duplicate therapeutic alass alert	Act Code
7-L	DUPTHPGEN	duplicate generic alert	Act Code
6-L	ABUSE	commonly abused/misused alert	Act Code
6-L	FRAUD	potential fraud	Act Code
6-L	PLYDOC	Poly-orderer Alert	Act Code
6-L	PLYPHRM	Poly-supplier Alert Poly-pharmacy Alert	Act Code
5-S	DOSE	Dosage problem	Act Code
6-L	DOSECOND	dosage-condition alert	Act Code
6-S	DOSEDUR	Dose-Duration Alert	Act Code
7-S	DOSEDURH	Dose-Duration High Alert	Act Code
8-L	DOSEDURHIND	Dose-Duration High for Indication Alert	Act Code
7-S	DOSEDURL	Dose-Duration Low Alert	Act Code
8-L	DOSEDURLIND	Dose-Duration Low for Indication Alert	Act Code
6-S	DOSEH	High Dose Alert	Act Code
7-L	DOSEHINDA	High Dose for Age Alert	Act Code

7-L	DOSEHIND	High Dose for Indication Alert	Act Code
7-L	DOSEHINDSA	High Dose for Height/Surface Area Alert	Act Code
7-L	DOSEHINDW	High Dose for Weight Alert	Act Code
6-S	DOSEIVL	Dose-Interval Alert	Act Code
7-L	DOSEIVLIND	Dose-Interval for Indication Alert	Act Code
6-S	DOSEL	Low Dose Alert	Act Code
7-L	DOSELINDA	Low Dose for Age Alert	Act Code
7-L	DOSELIND	Low Dose for Indication Alert	Act Code
7-L	DOSELINDSA	Low Dose for Height/Surface Area Alert	Act Code
7-L	DOSELINDW	Low Dose for Weight Alert	Act Code
6-L	MDOSE	maximum dosage reached	Act Code
5-S	OBSA	Observation Alert	Act Code
6-S	AGE	Age Alert	Act Code
7-L	ADALRT	adult alert	Act Code
7-L	DOSEHINDA	High Dose for Age Alert	Act Code
7-L	DOSELINDA	Low Dose for Age Alert	Act Code
7-L	GEALRT	geriatric alert	Act Code
7-L	PEALRT	pediatric alert	Act Code
6-S	COND	Condition Alert	Act Code
7-L	HGHT	HGHT	Act Code
7-L	LACT	Lactation Alert	Act Code
7-L	PREG	Pregnancy Alert	Act Code
7-L	WGHT	WGHT	Act Code
6-L	CREACT	common reaction alert	Act Code
6-L	GEN	Genetic Alert	Act Code
6-L	GEND	Gender Alert	Act Code
6-L	LAB	Lab Alert	Act Code



6-S	REACT	Reaction Alert	Act Code
7-L	ALGY	Allergy Alert	Act Code
7-L	INT	Intolerance Alert	Act Code
6-S	RREACT	Related Reaction Alert	Act Code
7-L	RALG	Related Allergy Alert	Act Code
7-L	RAR	Related Prior Reaction Alert	Act Code
7-L	RINT	Related Intolerance Alert	Act Code
5-L	BUS	business constraint violation	Act Code
5-S	CODE_INVALID	code is not valid	Act Code
6-L	CODE_DEPREC	code has been deprecated	Act Code
5-L	FORMAT	invalid format	Act Code
5-L	ILLEGAL	illegal	Act Code
5-S	LEN_RANGE	length out of range	Act Code
6-L	LEN_LONG	length is too long	Act Code
6-L	LEN_SHORT	length is too short	Act Code
5-L	MISSCOND	conditional element missing	Act Code
5-L	MISSMAND	mandatory element missing	Act Code
5-L	NODUPS	duplicate values are not permitted	Act Code
5-L	NOPERSIST	element will not be persisted	Act Code
5-S	REP_RANGE	repetitions out of range	Act Code
6-L	MAXOCCURS	repetitions above maximum	Act Code
6-L	MINOCCURS	repetitions below minimum	Act Code
3-A	_ActAdministrativeRuleDetectedIssueCode	ActAdministrativeRuleDetectedIssueCode	Act Code
4-L	KEY204	Unknown key identifier	Act Code
4-L	KEY205	Duplicate key identifier	Act Code
4-L	KEY206	non-matching identification	Act Code
4-L	OBSOLETE	obsolete record returned	Act Code

2-A	_ActSuppliedItemDetectedIssueCode	ActSuppliedItemDetectedIssueCode	Act Code
3-A	_AdministrationDetectedIssueCode	AdministrationDetectedIssueCode	Act Code
4-A	_AppropriatenessDetectedIssueCode	AppropriatenessDetectedIssueCode	Act Code
5-A	_InteractionDetectedIssueCode	InteractionDetectedIssueCode	Act Code
6-L	FOOD	Food Interaction Alert	Act Code
6-S	TPROD	Therapeutic Product Alert	Act Code
7-L	DRG	Drug Interaction Alert	Act Code
7-L	NHP	Natural Health Product Alert	Act Code
7-L	NONRX	Non-Prescription Interaction Alert	Act Code
5-S	OBSA	Observation Alert	Act Code
6-S	AGE	Age Alert	Act Code
7-L	ADALRT	adult alert	Act Code
7-L	DOSEHINDA	High Dose for Age Alert	Act Code
7-L	DOSELINDA	Low Dose for Age Alert	Act Code
7-L	GEALRT	geriatric alert	Act Code
7-L	PEALRT	pediatric alert	Act Code
6-S	COND	Condition Alert	Act Code
7-L	HGHT	HGHT	Act Code
7-L	LACT	Lactation Alert	Act Code
7-L	PREG	Pregnancy Alert	Act Code
7-L	WGHT	WGHT	Act Code
6-L	CREACT	common reaction alert	Act Code
6-L	GEN	Genetic Alert	Act Code
6-L	GEND	Gender Alert	Act Code
6-L	LAB	Lab Alert	Act Code
6-S	REACT	Reaction Alert	Act Code
7-L	ALGY	Allergy Alert	Act Code

7-L	INT	Intolerance Alert	Act Code
6-S	RREACT	Related Reaction Alert	Act Code
7-L	RALG	Related Allergy Alert	Act Code
7-L	RAR	Related Prior Reaction Alert	Act Code
7-L	RINT	Related Intolerance Alert	Act Code
5-L	PREVINEF	previously ineffective	Act Code
4-S	COMPLY	Compliance Alert	Act Code
5-S	DUPTHPY	Duplicate Therapy Alert	Act Code
6-L	DUPTHPCLS	duplicate therapeutic class alert	Act Code
6-L	DUPTHPGEN	duplicate generic alert	Act Code
5-L	ABUSE	commonly abused/misused alert	Act Code
5-L	FRAUD	potential fraud	Act Code
5-L	PLYDOC	Poly-orderer Alert	Act Code
5-L	PLYPHRM	Poly-supplier Alert Poly-pharmacy Alert	Act Code
4-L	DACT	drug action detected issue	Act Code
4-S	DOSE	Dosage problem	Act Code
5-L	DOSECOND	dosage-condition alert	Act Code
5-S	DOSEDUR	Dose-Duration Alert	Act Code
6-S	DOSEDURH	Dose-Duration High Alert	Act Code
7-L	DOSEDURHIND	Dose-Duration High for Indication Alert	Act Code
6-S	DOSEDURL	Dose-Duration Low Alert	Act Code
7-L	DOSEDURLIND	Dose-Duration Low for Indication Alert	Act Code
5-S	DOSEH	High Dose Alert	Act Code
6-L	DOSEHINDA	High Dose for Age Alert	Act Code
6-L	DOSEHIND	High Dose for Indication Alert	Act Code
6-L	DOSEHINDSA	High Dose for Height/Surface Area Alert	Act Code
6-L	DOSEHINDW	High Dose for Weight Alert	Act Code

5-S	DOSEIVL	Dose-Interval Alert	Act Code
6-L	DOSEIVLIND	Dose-Interval for Indication Alert	Act Code
5-S	DOSEL	Low Dose Alert	Act Code
6-L	DOSELINDA	Low Dose for Age Alert	Act Code
6-L	DOSELIND	Low Dose for Indication Alert	Act Code
6-L	DOSELINDSA	Low Dose for Height/Surface Area Alert	Act Code
6-L	DOSELINDW	Low Dose for Weight Alert	Act Code
5-L	MDOSE	maximum dosage reached	Act Code
4-S	DUPTHPY	Duplicate Therapy Alert	Act Code
5-L	DUPTHPCLS	duplicate therapeutic class alert	Act Code
5-L	DUPTHPGEN	duplicate generic alert	Act Code
4-S	TIME	timing detected issue	Act Code
5-L	ALRTENDLATE	end too late alert	Act Code
5-L	ALRTSTRTLATE	start too late alert	Act Code
3-A	_SupplyDetectedIssueCode	SupplyDetectedIssueCode	Act Code
4-L	ALLDONE	already performed	Act Code
4-S	FULFIL	fulfillment alert	Act Code
5-L	NOTACTN	no longer actionable	Act Code
5-S	NOTEQUIV	not equivalent alert	Act Code
6-L	NOTEQUIVGEN	not generically equivalent alert	Act Code
6-L	NOTEQUIVOTHER	not therapeutically equivalent alert	Act Code
5-S	TIMING	event timing incorrect alert	Act Code
6-L	INTERVAL	outside requested time	Act Code
6-L	MINFREQ	too soon within frequency based on the usage	Act Code
4-L	HELD	held/suspended alert	Act Code
4-L	TOOLATE	Refill Too Late Alert	Act Code
4-L	TOOSOON	Refill Too Soon Alert	Act Code


3-L	HISTORIC	record recorded as historical	Act Code
3-S	PATPREF	violates stated preferences	Act Code
4-L	PATPREFALT	violates stated preferences, alternate available	Act Code
1-L	KSUBJ	knowledge subject	Act Code
1-L	KSUBT	knowledge subtopic	Act Code
1-S	OINT	intolerance	Act Code
2-S	ALG	Allergy	Act Code
3-L	DALG	Drug Allergy	Act Code
3-L	EALG	Environmental Allergy	Act Code
3-L	FALG	Food Allergy	Act Code
2-S	DINT	Drug Intolerance	Act Code
3-L	DALG	Drug Allergy	Act Code
3-L	DNAINT	Drug Non-Allergy Intolerance	Act Code
2-S	EINT	Environmental Intolerance	Act Code
3-L	EALG	Environmental Allergy	Act Code
3-L	ENAINT	Environmental Non-Allergy Intolerance	Act Code
2-S	FINT	Food Intolerance	Act Code
3-L	FALG	Food Allergy	Act Code
3-L	FNAINT	Food Non-Allergy Intolerance	Act Code
2-S	NAINT	Non-Allergy Intolerance	Act Code
3-L	DNAINT	Drug Non-Allergy Intolerance	Act Code
3-L	ENAINT	Environmental Non-Allergy Intolerance	Act Code
3-L	FNAINT	Food Non-Allergy Intolerance	Act Code
1-L	SEV	Severity Observation	Act Code
1-L	ADMDX	admitting diagnosis	Act Code
1-L	DISDX	discharge diagnosis	Act Code
1-L	INTDX	intermediate diagnosis	Act Code

1-L	NOI	nature of injury	Act Code
1-A	_ECGObservationSeriesType	ECGObservationSeriesType	Act Code
2-L	REPRESENTATIVE_BEAT	ECG representative beat waveforms	Act Code
2-L	RHYTHM	ECG rhythm waveforms	Act Code
1-L	TIME_ABSOLUTE	absolute time sequence	Act Code
1-L	TIME_RELATIVE	relative time sequence	Act Code
1-S	_ActPatientAnnotationType	ActPatientAnnotationType	Act Code
2-L	ANNDI	diagnostic image note	Act Code
2-L	ANNGEN	general note	Act Code
2-L	ANNIMM	immunization note	Act Code
2-L	ANNLAB	laboratory note	Act Code
2-L	ANNMED	medication note	Act Code
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
0-A	_ObservationIssueTriggerCodedObservationType	ObservationIssueTriggerCodedObservationType	Act Code
1-A	_CaseTransmissionMode	case transmission mode	Act Code
0-L	REP_HALF_LIFE	representative half-life	Act Code
0-L	SPLCOATING	coating	Act Code
0-L	SPLCOLOR	color	Act Code
0-L	SPLIMAGE	image	Act Code
0-L	SPLIMPRINT	imprint	Act Code
0-L	SPLSCORING	scoring	Act Code
0-L	SPLSHAPE	shape	Act Code

0-L	SPLSIZE	size	Act Code
0-L	SPLSYMBOL	symbol	Act Code
0-L	21611-9	age patient qn est	Act Code
0-L	21612-7	age patient qn reported	Act Code
0-L	29553-5	age patient qn calc	Act Code
0-L	30525-0	age patient qn definition	Act Code
0-L	30972-4	age at onset of adverse event	Act Code
0-A	_GeneticObservationType	GeneticObservationType	Act Code
1-L	GENE	gene	Act Code

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.25. ParticipationFunction

<b>Id</b>	2.16.840.1.113883.1.11.10267 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ParticipationFunction	<b>Display Name</b>	ParticipationFunction
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vau sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>This code is used to specify the exact function an actor had in a service in all necessary detail. This domain may include local extensions (CWE).</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.88 - Participation Function		
<b>Level/ Type</b>	<b>Code</b>	<b>Display Name</b>	<b>Code System</b>


0-A	_AuthorizedParticipationFunction	AuthorizedParticipationFunction	Participation Function
1-A	_AuthorizedReceiverParticipationFunction	AuthorizedReceiverParticipationFunction	Participation Function
2-L	AUCG	caregiver information receiver	Participation Function
2-L	AULR	legitimate relationship information receiver	Participation Function
2-L	AUTM	care team information receiver	Participation Function
2-L	AUWA	work area information receiver	Participation Function
1-A	_ConsenterParticipationFunction	ConsenterParticipationFunction	Participation Function
2-L	GRDCON	legal guardian consent author	Participation Function
2-L	POACON	healthcare power of attorney consent author	Participation Function
2-L	PRCON	personal representative consent author	Participation Function
2-L	PROMSK	authorized provider masking author	Participation Function
2-L	SUBCON	subject of consent author	Participation Function
1-A	_OverrideParticipationFunction	OverrideParticipationFunction	Participation Function
2-L	AUCOV	consent override	Participation Function
2-L	AUEMROV	emergency override	Participation Function
0-A	_CoverageParticipationFunction	CoverageParticipationFunction	Participation Function
1-A	_PayorParticipationFunction	PayorParticipationFunction	Participation Function
2-L	CLMADJ	claims adjudication	Participation Function
2-L	ENROLL	enrollment broker	Participation Function
2-L	FFSMGT	ffs management	Participation Function
2-L	MCMGT	managed care management	Participation Function
2-L	PROVMGT	provider management	Participation Function
2-L	UMGT	utilization management	Participation Function
1-A	_SponsorParticipationFunction	SponsorParticipationFunction	Participation Function
2-L	FULINRD	fully insured	Participation Function
2-L	SELFINRD	self insured	Participation Function
1-A	_UnderwriterParticipationFunction	UnderwriterParticipationFunction	Participation Function



2-L	PAYORCNTR	payor contracting	Participation Function
2-L	REINS	reinsures	Participation Function
2-L	RETROCES	retrocessionaires	Participation Function
2-L	SUBCTRTR	subcontracting risk	Participation Function
2-L	UNDERWRTNG	underwriting	Participation Function
0-L	ADMPHYS	admitting physician	Participation Function
0-L	ANEST	anesthetist	Participation Function
0-L	ANRS	anesthesia nurse	Participation Function
0-L	ASSEMBLER	assembly software	Participation Function
0-L	ATTPHYS	attending physician	Participation Function
0-L	COMPOSER	composer software	Participation Function
0-L	DISPHYS	discharging physician	Participation Function
0-L	FASST	first assistant surgeon	Participation Function
0-L	MDWF	midwife	Participation Function
0-L	NASST	nurse assistant	Participation Function
0-L	PCP	primary care physician	Participation Function
0-L	PRISURG	primary surgeon	Participation Function
0-L	REVIEWER	reviewer	Participation Function
0-L	RNDPHYS	rounding physician	Participation Function
0-L	SASST	second assistant surgeon	Participation Function
0-L	SNRS	scrub nurse	Participation Function
0-L	TASST	third assistant	Participation Function

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.26. ParticipationSignature

<b>Id</b>	2.16.840.1.113883.1.11.10282 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ParticipationSignature	<b>Display Name</b>	ParticipationSignature
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A code specifying whether and how the participant has attested his participation through a signature and or whether such a signature is needed.</p> <p><i>Examples:</i> 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.)</p>		
<b>Source Code System</b>	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.

## 2.27. ParticipationType

<b>Id</b>	2.16.840.1.113883.1.11.10901 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323

<b>Name</b>	ParticipationType	<b>Display Name</b>	ParticipationType
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A code specifying the meaning and purpose of every Participation instance. Each of its values implies specific constraints on the Roles undertaking the participation.</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.90 - <i>ParticipationType</i>		


Level/ Type	Code	Display Name	Code System
0-S	PART	Participation	ParticipationType
1-A	_ParticipationAncillary	ParticipationAncillary	ParticipationType
2-L	ADM	admitter	ParticipationType
2-L	ATND	attender	ParticipationType
2-L	CALLBCK	callback contact	ParticipationType
2-L	CON	consultant	ParticipationType
2-L	DIS	discharger	ParticipationType
2-L	ESC	escort	ParticipationType
2-L	REF	referrer	ParticipationType
1-A	_ParticipationInformationGenerator	ParticipationInformationGenerator	ParticipationType
2-L	AUT	author (originator)	ParticipationType
2-L	INF	informant	ParticipationType
2-S	TRANS	Transcriber	ParticipationType
3-L	ENT	data entry person	ParticipationType
2-L	WIT	witness	ParticipationType
1-L	CST	custodian	ParticipationType
1-S	DIR	direct target	ParticipationType

2-L	ALY	analyte	ParticipationType
2-L	BBY	baby	ParticipationType
2-L	CAT	catalyst	ParticipationType
2-S	CSM	consumable	ParticipationType
2-S	DEV	device	ParticipationType
3-L	NRD	non-reuseable device	ParticipationType
3-L	RDV	reusable device	ParticipationType
2-L	DON	donor	ParticipationType
2-L	EXPAGNT	ExposureAgent	ParticipationType
2-S	EXPART	ExposureParticipation	ParticipationType
3-L	EXPTRGT	ExposureTarget	ParticipationType
3-L	EXSRC	ExposureSource	ParticipationType
2-L	PRD	product	ParticipationType
2-S	SBJ	subject	ParticipationType
3-L	SPC	specimen	ParticipationType
1-S	IND	indirect target	ParticipationType
2-L	BEN	beneficiary	ParticipationType
2-L	CAGNT	causative agent	ParticipationType
2-L	COV	coverage target	ParticipationType
2-L	GUAR	guarantor party	ParticipationType
2-L	HLD	holder	ParticipationType
2-L	RCT	record target	ParticipationType
2-L	RCV	receiver	ParticipationType
1-S	IRCP	information recipient	ParticipationType
2-L	NOT	urgent notification contact	ParticipationType
2-L	PRCP	primary information recipient	ParticipationType
2-L	REFB	Referred By	ParticipationType

2-L	REFT	Referred to	ParticipationType
2-L	TRC	tracker	ParticipationType
1-S	LOC	location	ParticipationType
2-L	DST	destination	ParticipationType
2-L	ELOC	entry location	ParticipationType
2-L	ORG	origin	ParticipationType
2-L	RML	remote	ParticipationType
2-L	VIA	via	ParticipationType
1-S	PRF	performer	ParticipationType
2-L	DIST	distributor	ParticipationType
2-L	PPRF	primary performer	ParticipationType
2-L	SPRF	secondary performer	ParticipationType
1-L	RESP	responsible party	ParticipationType
1-S	VRF	verifier	ParticipationType
2-L	AUTHEN	authenticator	ParticipationType
2-L	LA	legal authenticator	ParticipationType

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.28. PersonalRelationshipRoleType

<b>Id</b>	2.16.840.1.113883.1.11.19563 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	PersonalRelationshipRoleType	<b>Display Name</b>	PersonalRelationshipRoleType

**Description**

**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1\_2014\_03\_26

**description:**

Types of personal relationships between two living subjects.

*Example:* Parent, sibling, unrelated friend, neighbor

**Source Code System**

2.16.840.1.113883.5.111 - *Role Code*

Level/ Type	Code	Display Name	Code System
1-S	FAMMEMB	family member	Role Code
2-S	CHILD	child	Role Code
3-S	CHLDADOPT	adopted child	Role Code
4-L	DAUADOPT	adopted daughter	Role Code
4-L	SONADOPT	adopted son	Role Code
3-S	CHLDFOST	foster child	Role Code
4-L	DAUFOST	foster daughter	Role Code
4-L	SONFOST	foster son	Role Code
3-S	DAUC	daughter	Role Code
4-L	DAUADOPT	adopted daughter	Role Code
4-L	DAUFOST	foster daughter	Role Code
4-L	DAU	natural daughter	Role Code
4-L	STPDAU	stepdaughter	Role Code
3-S	NCHILD	natural child	Role Code
4-L	DAU	natural daughter	Role Code
4-L	SON	natural son	Role Code
3-S	SONC	son	Role Code

4-L	SONADOPT	adopted son	Role Code
4-L	SONFOST	foster son	Role Code
4-L	SON	natural son	Role Code
4-L	STPSON	stepson	Role Code
3-S	STPCHLD	step child	Role Code
4-L	STPDAU	stepdaughter	Role Code
4-L	STPSON	stepson	Role Code
2-S	EXT	extended family member	Role Code
3-S	AUNT	aunt	Role Code
4-L	MAUNT	maternal aunt	Role Code
4-L	PAUNT	paternal aunt	Role Code
3-S	COUSN	cousin	Role Code
4-L	MCOUSN	maternal cousin	Role Code
4-L	PCOUSN	paternal cousin	Role Code
3-S	GGRPRN	great grandparent	Role Code
4-S	GGRFTH	great grandfather	Role Code
5-L	MGGRFTH	maternal great-grandfather	Role Code
5-L	PGGRFTH	paternal great-grandfather	Role Code
4-S	GGRMTH	great grandmother	Role Code
5-L	MGGRMTH	maternal great-grandmother	Role Code
5-L	PGGRMTH	paternal great-grandmother	Role Code
4-S	MGGRPRN	maternal great-grandparent	Role Code
5-L	MGGRFTH	maternal great-grandfather	Role Code
5-L	MGGRMTH	maternal great-grandmother	Role Code
4-S	PGGRPRN	paternal great-grandparent	Role Code
5-L	PGGRFTH	paternal great-grandfather	Role Code
5-L	PGGRMTH	paternal great-grandmother	Role Code

3-S	GRNDCHILD	grandchild	Role Code
4-L	GRNDDAU	granddaughter	Role Code
4-L	GRNDSON	grandson	Role Code
3-S	GRPRN	grandparent	Role Code
4-S	GRFTH	grandfather	Role Code
5-L	MGRFTH	maternal grandfather	Role Code
5-L	PGRFTH	paternal grandfather	Role Code
4-S	GRMTH	grandmother	Role Code
5-L	MGRMTH	maternal grandmother	Role Code
5-L	PGRMTH	paternal grandmother	Role Code
4-S	MGRPRN	maternal grandparent	Role Code
5-L	MGRFTH	maternal grandfather	Role Code
5-L	MGRMTH	maternal grandmother	Role Code
4-S	PGRPRN	paternal grandparent	Role Code
5-L	PGRFTH	paternal grandfather	Role Code
5-L	PGRMTH	paternal grandmother	Role Code
3-S	INLAW	inlaw	Role Code
4-S	CHLDINLAW	child-in-law	Role Code
5-L	DAUINLAW	daughter in-law	Role Code
5-L	SONINLAW	son in-law	Role Code
4-S	PRNINLAW	parent in-law	Role Code
5-L	FTHINLAW	father-in-law	Role Code
5-L	MTHINLAW	mother-in-law	Role Code
4-S	SIBINLAW	sibling in-law	Role Code
5-L	BROINLAW	brother-in-law	Role Code
5-L	SISINLAW	sister-in-law	Role Code
3-S	NIENEPH	niece/nephew	Role Code



4-L	NEPHEW	nephew	Role Code
4-L	NIECE	niece	Role Code
3-S	UNCLE	uncle	Role Code
4-L	MUNCLE	maternal uncle	Role Code
4-L	PUNCLE	paternal uncle	Role Code
2-S	PRN	parent	Role Code
3-S	ADOPTP	adoptive parent	Role Code
4-L	ADOPTF	adoptive father	Role Code
4-L	ADOPTM	adoptive mother	Role Code
3-S	FTH	father	Role Code
4-L	ADOPTF	adoptive father	Role Code
4-L	FTHFOST	foster father	Role Code
4-S	NFTH	natural father	Role Code
5-L	NFTHF	natural father of fetus	Role Code
4-L	STPFTH	stepfather	Role Code
3-S	MTH	mother	Role Code
4-L	ADOPTM	adoptive mother	Role Code
4-L	GESTM	gestational mother	Role Code
4-L	MTHFOST	foster mother	Role Code
4-S	NMTH	natural mother	Role Code
5-L	NMTHF	natural mother of fetus	Role Code
4-L	STPMTH	stepmother	Role Code
3-S	NPRN	natural parent	Role Code
4-S	NFTH	natural father	Role Code
5-L	NFTHF	natural father of fetus	Role Code
4-S	NMTH	natural mother	Role Code
5-L	NMTHF	natural mother of fetus	Role Code


3-S	PRNFOST	foster parent	Role Code
4-L	FTHFOST	foster father	Role Code
4-L	MTHFOST	foster mother	Role Code
3-S	STPPRN	step parent	Role Code
4-L	STPFTH	stepfather	Role Code
4-L	STPMTH	stepmother	Role Code
2-S	SIB	sibling	Role Code
3-S	BRO	brother	Role Code
4-L	HBRO	half-brother	Role Code
4-S	NBRO	natural brother	Role Code
5-S	TWINBRO	twin brother	Role Code
6-L	FTWINBRO	fraternal twin brother	Role Code
6-L	ITWINBRO	identical twin brother	Role Code
4-L	STPBRO	stepbrother	Role Code
3-S	HSIB	half-sibling	Role Code
4-L	HBRO	half-brother	Role Code
4-L	HSIS	half-sister	Role Code
3-S	NSIB	natural sibling	Role Code
4-S	NBRO	natural brother	Role Code
5-S	TWINBRO	twin brother	Role Code
6-L	FTWINBRO	fraternal twin brother	Role Code
6-L	ITWINBRO	identical twin brother	Role Code
4-S	NSIS	natural sister	Role Code
5-S	TWINSIS	twin sister	Role Code
6-L	FTWINSIS	fraternal twin sister	Role Code
6-L	ITWINSIS	identical twin sister	Role Code
4-S	TWIN	twin	Role Code

5-S	TWINBRO	twin brother	Role Code
6-L	FTWINBRO	fraternal twin brother	Role Code
6-L	ITWINBRO	identical twin brother	Role Code
5-S	TWINSIS	twin sister	Role Code
6-L	FTWINSIS	fraternal twin sister	Role Code
6-L	ITWINSIS	identical twin sister	Role Code
5-S	FTWIN	fraternal twin	Role Code
6-L	FTWINBRO	fraternal twin brother	Role Code
6-L	FTWINSIS	fraternal twin sister	Role Code
5-S	ITWIN	identical twin	Role Code
6-L	ITWINBRO	identical twin brother	Role Code
6-L	ITWINSIS	identical twin sister	Role Code
3-S	SIS	sister	Role Code
4-L	HSIS	half-sister	Role Code
4-S	NSIS	natural sister	Role Code
5-S	TWINSIS	twin sister	Role Code
6-L	FTWINSIS	fraternal twin sister	Role Code
6-L	ITWINSIS	identical twin sister	Role Code
4-L	STPSIS	stepsister	Role Code
3-S	STPSIB	step sibling	Role Code
4-L	STPBRO	stepbrother	Role Code
4-L	STPSIS	stepsister	Role Code
2-S	SIGOTHR	significant other	Role Code
3-L	DOMPART	domestic partner	Role Code
3-L	FMRSPS	former spouse	Role Code
3-S	SPS	spouse	Role Code
4-L	HUSB	husband	Role Code

4-L	WIFE	wife	Role Code
1-L	FRND	unrelated friend	Role Code
1-L	NBOR	neighbor	Role Code
1-L	ONESELF	self	Role Code
1-L	ROOM	Roommate	Role Code

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.29. ReligiousAffiliation

<b>Id</b>	2.16.840.1.113883.1.11.19185	<b>Effective Date</b>	valid from 2014-03-26
	ref (from repository: ad2bbr-)		
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ReligiousAffiliation	<b>Display Name</b>	ReligiousAffiliation
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>Assigment of spiritual faith affiliation</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.1076 - <i>ReligiousAffiliation</i>		

Level/ Type	Code	Display Name	Code System
0-L	1001	Adventist	ReligiousAffiliation
0-L	1002	African Religions	ReligiousAffiliation
0-L	1003	Afro-Caribbean Religions	ReligiousAffiliation
0-L	1004	Agnosticism	ReligiousAffiliation

0-L	1005	Anglican	ReligiousAffiliation
0-L	1006	Animism	ReligiousAffiliation
0-L	1007	Atheism	ReligiousAffiliation
0-L	1008	Babi & Baha'I faiths	ReligiousAffiliation
0-L	1009	Baptist	ReligiousAffiliation
0-L	1010	Bon	ReligiousAffiliation
0-L	1011	Cao Dai	ReligiousAffiliation
0-L	1012	Celticism	ReligiousAffiliation
0-L	1013	Christian (non-Catholic, non-specific)	ReligiousAffiliation
0-L	1014	Confucianism	ReligiousAffiliation
0-L	1015	Cyberculture Religions	ReligiousAffiliation
0-L	1016	Divination	ReligiousAffiliation
0-L	1017	Fourth Way	ReligiousAffiliation
0-L	1018	Free Daism	ReligiousAffiliation
0-L	1019	Gnosis	ReligiousAffiliation
0-L	1020	Hinduism	ReligiousAffiliation
0-L	1021	Humanism	ReligiousAffiliation
0-L	1022	Independent	ReligiousAffiliation
0-L	1023	Islam	ReligiousAffiliation
0-L	1024	Jainism	ReligiousAffiliation
0-L	1025	Jehovah's Witnesses	ReligiousAffiliation
0-L	1026	Judaism	ReligiousAffiliation
0-L	1027	Latter Day Saints	ReligiousAffiliation
0-L	1028	Lutheran	ReligiousAffiliation
0-L	1029	Mahayana	ReligiousAffiliation
0-L	1030	Meditation	ReligiousAffiliation
0-L	1031	Messianic Judaism	ReligiousAffiliation


0-L	1032	Mittraism	ReligiousAffiliation
0-L	1033	New Age	ReligiousAffiliation
0-L	1034	non-Roman Catholic	ReligiousAffiliation
0-L	1035	Occult	ReligiousAffiliation
0-L	1036	Orthodox	ReligiousAffiliation
0-L	1037	Paganism	ReligiousAffiliation
0-L	1038	Pentecostal	ReligiousAffiliation
0-L	1039	Process, The	ReligiousAffiliation
0-L	1040	Reformed/Presbyterian	ReligiousAffiliation
0-L	1041	Roman Catholic Church	ReligiousAffiliation
0-L	1042	Satanism	ReligiousAffiliation
0-L	1043	Scientology	ReligiousAffiliation
0-L	1044	Shamanism	ReligiousAffiliation
0-L	1045	Shiite (Islam)	ReligiousAffiliation
0-L	1046	Shinto	ReligiousAffiliation
0-L	1047	Sikism	ReligiousAffiliation
0-L	1048	Spiritualism	ReligiousAffiliation
0-L	1049	Sunni (Islam)	ReligiousAffiliation
0-L	1050	Taoism	ReligiousAffiliation
0-L	1051	Theravada	ReligiousAffiliation
0-L	1052	Unitarian-Universalism	ReligiousAffiliation
0-L	1053	Universal Life Church	ReligiousAffiliation
0-L	1054	Vajrayana (Tibetan)	ReligiousAffiliation
0-L	1055	Veda	ReligiousAffiliation
0-L	1056	Voodoo	ReligiousAffiliation
0-L	1057	Wicca	ReligiousAffiliation
0-L	1058	Yaohushua	ReligiousAffiliation

0-L	1059	Zen Buddhism	ReligiousAffiliation
0-L	1060	Zoroastrianism	ReligiousAffiliation
0-L	1061	Assembly of God	ReligiousAffiliation
0-L	1062	Brethren	ReligiousAffiliation
0-L	1063	Christian Scientist	ReligiousAffiliation
0-L	1064	Church of Christ	ReligiousAffiliation
0-L	1065	Church of God	ReligiousAffiliation
0-L	1066	Congregational	ReligiousAffiliation
0-L	1067	Disciples of Christ	ReligiousAffiliation
0-L	1068	Eastern Orthodox	ReligiousAffiliation
0-L	1069	Episcopalian	ReligiousAffiliation
0-L	1070	Evangelical Covenant	ReligiousAffiliation
0-L	1071	Friends	ReligiousAffiliation
0-L	1072	Full Gospel	ReligiousAffiliation
0-L	1073	Methodist	ReligiousAffiliation
0-L	1074	Native American	ReligiousAffiliation
0-L	1075	Nazarene	ReligiousAffiliation
0-L	1076	Presbyterian	ReligiousAffiliation
0-L	1077	Protestant	ReligiousAffiliation
0-L	1078	Protestant, No Denomination	ReligiousAffiliation
0-L	1079	Reformed	ReligiousAffiliation
0-L	1080	Salvation Army	ReligiousAffiliation
0-L	1081	Unitarian Universalist	ReligiousAffiliation
0-L	1082	United Church of Christ	ReligiousAffiliation
0-L	1061	Assembly of God	ReligiousAffiliation
0-L	1062	Brethren	ReligiousAffiliation
0-L	1063	Christian Scientist	ReligiousAffiliation

0-L	1064	Church of Christ	ReligiousAffiliation
0-L	1065	Church of God	ReligiousAffiliation
0-L	1066	Congregational	ReligiousAffiliation
0-L	1067	Disciples of Christ	ReligiousAffiliation
0-L	1068	Eastern Orthodox	ReligiousAffiliation
0-L	1069	Episcopalian	ReligiousAffiliation
0-L	1070	Evangelical Covenant	ReligiousAffiliation
0-L	1071	Friends	ReligiousAffiliation
0-L	1072	Full Gospel	ReligiousAffiliation
0-L	1073	Methodist	ReligiousAffiliation
0-L	1074	Native American	ReligiousAffiliation
0-L	1075	Nazarene	ReligiousAffiliation
0-L	1076	Presbyterian	ReligiousAffiliation
0-L	1077	Protestant	ReligiousAffiliation
0-L	1078	Protestant, No Denomination	ReligiousAffiliation
0-L	1079	Reformed	ReligiousAffiliation
0-L	1080	Salvation Army	ReligiousAffiliation
0-L	1081	Unitarian Universalist	ReligiousAffiliation
0-L	1082	United Church of Christ	ReligiousAffiliation

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.30. RoleClassAssociative

<b>Id</b>	2.16.840.1.113883.1.11.19313 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323



<b>Name</b>	RoleClassAssociative	<b>Display Name</b>	RoleClassAssociative
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A general association between two entities that is neither partitive nor ontological.</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.110 - <i>Role Class</i>		


Level/ Type	Code	Display Name	Code System
1-A	_RoleClassMutualRelationship	RoleClassMutualRelationship	Role Class
2-A	_RoleClassRelationshipFormal	RoleClassRelationshipFormal	Role Class
3-L	AFFL	affiliate	Role Class
3-S	AGNT	agent	Role Class
4-S	ASSIGNED	assigned entity	Role Class
5-L	COMPAR	commissioning party	Role Class
5-L	SGNOFF	signing authority or officer	Role Class
4-S	CON	contact	Role Class
5-L	ECON	emergency contact	Role Class
5-L	NOK	next of kin	Role Class
4-L	GUARD	guardian	Role Class
3-L	CIT	citizen	Role Class
3-S	COVPTY	covered party	Role Class
4-L	CLAIM	claimant	Role Class
4-S	NAMED	named insured	Role Class
5-L	DEPEN	dependent	Role Class
5-L	INDIV	individual	Role Class
5-L	SUBSCR	subscriber	Role Class

4-L	PROG	program eligible	Role Class
3-L	CRINV	clinical research investigator	Role Class
3-L	CRSPNSR	clinical research sponsor	Role Class
3-S	EMP	employee	Role Class
4-L	MIL	military person	Role Class
3-L	GUAR	guarantor GuarantorRole	Role Class
3-S	INVSBJ	Investigation Subject	Role Class
4-L	CASEBJ	Case Subject	Role Class
4-L	RESBJ	research subject	Role Class
3-S	LIC	licensed entity	Role Class
4-L	NOT	notary public	Role Class
4-L	PROV	healthcare provider	Role Class
3-L	PAT	patient	Role Class
3-L	PAYEE	payee	Role Class
3-L	PAYOR	invoice payor	Role Class
3-L	POLHOLD	policy holder	Role Class
3-L	QUAL	qualified entity	Role Class
3-L	SPNSR	coverage sponsor	Role Class
3-L	STD	student	Role Class
3-L	UNDWRT	underwriter	Role Class
2-L	CAREGIVER	caregiver	Role Class
2-L	PRS	personal relationship	Role Class
1-A	_RoleClassPassive	RoleClassPassive	Role Class
2-L	ACCESS	access	Role Class
2-S	ADJY	adjacency	Role Class
3-S	CONC	connection	Role Class
4-L	BOND	molecular bond	Role Class

4-L	CONY	continuity	Role Class
2-L	ADMM	Administerable Material	Role Class
2-L	BIRTHPL	birthplace	Role Class
2-L	DEATHPLC	place of death	Role Class
2-S	DST	distributed material	Role Class
3-L	RET	retailed material	Role Class
2-S	EXLOC	event location	Role Class
3-S	SDLOC	service delivery location	Role Class
4-L	DSDLOC	dedicated service delivery location health care facility	Role Class
4-L	ISDLOC	incidental service delivery location	Role Class
2-L	EXPR	exposed entity	Role Class
2-L	HLD	held entity	Role Class
2-L	HLTHCHRT	health chart	Role Class
2-L	IDENT	identified entity	Role Class
2-S	MANU	manufactured product	Role Class
3-L	THER	therapeutic agent	Role Class
2-L	MNT	maintained entity	Role Class
2-L	OWN	owned entity	Role Class
2-L	RGPR	regulated product	Role Class
2-L	TERR	territory of authority	Role Class
2-L	USED	used entity	Role Class
2-L	WRTE	warranted product	Role Class

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.31. ServiceDeliveryLocationRoleType

<b>Id</b>	2.16.840.1.113883.1.11.17660 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ServiceDeliveryLocationRoleType	<b>Display Name</b>	ServiceDeliveryLocationRoleType
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>A role of a place that further classifies the setting (e.g., accident site, road side, work site, community location) in which services are delivered.</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.111 - Role Code		

Level/ Type	Code	Display Name	Code System
1-A	_DedicatedServiceDeliveryLocationRoleType	DedicatedServiceDeliveryLocationRoleType	Role Code
2-A	_DedicatedClinicalLocationRoleType	DedicatedClinicalLocationRoleType	Role Code
3-S	DX	Diagnostics or therapeutics unit	Role Code
4-S	CVDX	Cardiovascular diagnostics or therapeutics unit	Role Code
5-L	CATH	Cardiac catheterization lab	Role Code
5-L	ECHO	Echocardiography lab	Role Code
4-S	GIDX	Gastroenterology diagnostics or therapeutics lab	Role Code
5-L	ENDOS	Endoscopy lab Ambulatory Health Care Facilities; Clinic/Center; Endoscopy	Role Code
4-S	RADDX	Radiology diagnostics or therapeutics unit Ambulatory Health Care Facilities; Clinic/Center; Radiology	Role Code
5-L	RADO	Radiation oncology unit Ambulatory Health Care Facilities; Clinic/Center; Oncology, Radiation	Role Code
5-L	RNEU	Neuroradiology unit	Role Code
3-S	HOSP	Hospital	Role Code
4-L	CHR	Chronic Care Facility Hospitals; Chronic Disease Hospital	Role Code

4-L	GACH	Hospitals; General Acute Care Hospital General acute care hospital	Role Code
4-L	MHSP	Military Hospital MilitaryHospital	Role Code
4-L	PSYCHF	Psychiatric Care Facility	Role Code
4-S	RH	Rehabilitation hospital Hospitals; Rehabilitation Hospital	Role Code
5-L	RHAT	addiction treatment center	Role Code
5-L	RHII	intellectual impairment center	Role Code
5-L	RHMAD	parents with adjustment difficulties center	Role Code
5-S	RHPI	physical impairment center	Role Code
6-L	RHPIH	physical impairment - hearing center	Role Code
6-L	RHPIMS	physical impairment - motor skills center	Role Code
6-L	RHPIVS	physical impairment - visual skills center	Role Code
5-L	RHYAD	youths with adjustment difficulties center	Role Code
3-S	HU	Hospital unit	Role Code
4-L	BMTU	Bone marrow transplant unit	Role Code
4-L	CCU	Coronary care unit	Role Code
4-L	CHEST	Chest unit	Role Code
4-L	EPIL	Epilepsy unit	Role Code
4-S	ER	Emergency room	Role Code
5-L	ETU	Emergency trauma unit	Role Code
4-L	HD	Hemodialysis unit	Role Code
4-S	HLAB	hospital laboratory	Role Code
5-L	INLAB	inpatient laboratory	Role Code
5-L	OUTLAB	outpatient laboratory	Role Code
4-L	HRAD	radiology unit	Role Code
4-L	HUSCS	specimen collection site	Role Code
4-S	ICU	Intensive care unit	Role Code
5-S	PEDICU	Pediatric intensive care unit	Role Code

6-L	PEDNICU	Pediatric neonatal intensive care unit	Role Code
4-L	INPHARM	inpatient pharmacy	Role Code
4-L	MBL	medical laboratory	Role Code
4-L	NCCS	Neurology critical care and stroke unit	Role Code
4-L	NS	Neurosurgery unit	Role Code
4-L	OUTPHARM	outpatient pharmacy	Role Code
4-S	PEDU	Pediatric unit	Role Code
5-S	PEDICU	Pediatric intensive care unit	Role Code
6-L	PEDNICU	Pediatric neonatal intensive care unit	Role Code
4-L	PHU	Psychiatric hospital unit Hospital Units; Psychiatric Unit	Role Code
4-L	RHU	Rehabilitation hospital unit Hospital Units; Rehabilitation Unit	Role Code
4-L	SLEEP	Sleep disorders unit	Role Code
3-S	NCCF	Nursing or custodial care facility	Role Code
4-L	SNF	Skilled nursing facility Nursing & Custodial Care Facilities; Skilled Nursing Facility	Role Code
3-S	OF	Outpatient facility	Role Code
4-L	ALL	Allergy clinic	Role Code
4-L	AMPUT	Amputee clinic	Role Code
4-L	BMTC	Bone marrow transplant clinic	Role Code
4-L	BREAST	Breast clinic	Role Code
4-L	CANC	Child and adolescent neurology clinic	Role Code
4-L	CAPC	Child and adolescent psychiatry clinic	Role Code
4-S	CARD	Ambulatory Health Care Facilities; Clinic/Center; Rehabilitation: Cardiac Facilities Cardiology clinic	Role Code
5-L	PEDCARD	Pediatric cardiology clinic	Role Code
4-L	COAG	Coagulation clinic	Role Code
4-L	CRS	Colon and rectal surgery clinic	Role Code
4-L	DERM	Dermatology clinic	Role Code

4-S	ENDO	Endocrinology clinic	Role Code
5-L	PEDE	Pediatric endocrinology clinic	Role Code
4-L	ENT	Otorhinolaryngology clinic	Role Code
4-L	FMC	Family medicine clinic	Role Code
4-S	GI	Gastroenterology clinic	Role Code
5-L	PEDGI	Pediatric gastroenterology clinic	Role Code
4-L	GIM	General internal medicine clinic	Role Code
4-L	GYN	Gynecology clinic	Role Code
4-S	HEM	Hematology clinic	Role Code
5-L	PEDHEM	Pediatric hematology clinic	Role Code
4-L	HTN	Hypertension clinic	Role Code
4-L	IEC	Impairment evaluation center	Role Code
4-S	INFD	Infectious disease clinic	Role Code
5-L	PEDID	Pediatric infectious disease clinic	Role Code
4-L	INV	Infertility clinic	Role Code
4-L	LYMPH	Lymipedema clinic	Role Code
4-L	MGEN	Medical genetics clinic	Role Code
4-S	NEPH	Nephrology clinic	Role Code
5-L	PEDNEPH	Pediatric nephrology clinic	Role Code
4-L	NEUR	Neurology clinic	Role Code
4-L	OB	Obstetrics clinic	Role Code
4-L	OMS	Oral and maxillofacial surgery clinic Ambulatory Health Care Facilities; Clinic/Center; Surgery, Oral/Maxillofacial	Role Code
4-S	ONCL	Medical oncology clinic	Role Code
5-L	PEDHO	Pediatric oncology clinic	Role Code
4-L	OPH	Ophthalmology clinic	Role Code
4-L	OPTC	optometry clinic	Role Code


4-S	ORTHO	Orthopedics clinic	Role Code
5-L	HAND	Hand clinic	Role Code
4-L	PAINCL	Pain clinic Ambulatory Health Care Facilities; Clinic/Center; Pain	Role Code
4-L	PC	Primary care clinic Ambulatory Health Care Facilities; Clinic/Center; Primary Care	Role Code
4-S	PEDC	Pediatrics clinic	Role Code
5-L	PEDCARD	Pediatric cardiology clinic	Role Code
5-L	PEDE	Pediatric endocrinology clinic	Role Code
5-L	PEDGI	Pediatric gastroenterology clinic	Role Code
5-L	PEDHEM	Pediatric hematology clinic	Role Code
5-L	PEDID	Pediatric infectious disease clinic	Role Code
5-L	PEDNEPH	Pediatric nephrology clinic	Role Code
5-L	PEDHO	Pediatric oncology clinic	Role Code
5-L	PEDRHEUM	Pediatric rheumatology clinic	Role Code
4-L	POD	Podiatry clinic Ambulatory Health Care Facilities; Clinic/Center; Podiatric	Role Code
4-L	PREV	Preventive medicine clinic	Role Code
4-L	PROCTO	Proctology clinic	Role Code
4-L	PROFF	Provider's Office	Role Code
4-L	PROS	Prosthodontics clinic	Role Code
4-L	PSI	Psychology clinic	Role Code
4-L	PSY	Psychiatry clinic	Role Code
4-S	RHEUM	Rheumatology clinic	Role Code
5-L	PEDRHEUM	Pediatric rheumatology clinic	Role Code
4-L	SPMED	Sports medicine clinic	Role Code
4-S	SU	Surgery clinic	Role Code
5-L	PLS	Plastic surgery clinic	Role Code
5-L	URO	Urology clinic	Role Code
4-L	TR	Transplant clinic	Role Code



4-L	TRAVEL	Travel and geographic medicine clinic	Role Code
4-L	WND	Wound clinic	Role Code
3-S	RTF	Residential treatment facility	Role Code
4-L	PRC	Pain rehabilitation center	Role Code
4-L	SURF	Substance use rehabilitation facility Residential Treatment Facilities; Substance Use Rehabilitation Facility	Role Code
2-A	_DedicatedNonClinicalLocationRoleType	DedicatedNonClinicalLocationRoleType	Role Code
3-L	DADDR	Delivery Address	Role Code
3-S	MOBL	Mobile Unit	Role Code
4-L	AMB	Ambulance	Role Code
3-S	PHARM	Pharmacy	Role Code
4-L	INPHARM	inpatient pharmacy	Role Code
4-L	OUTPHARM	outpatient pharmacy	Role Code
1-A	_IncidentalServiceDeliveryLocationRoleType	IncidentalServiceDeliveryLocationRoleType	Role Code
2-L	ACC	accident site	Role Code
2-S	COMM	Community Location	Role Code
3-L	CSC	community service center	Role Code
2-L	PTRES	Patient's Residence	Role Code
2-L	SCHOOL	school	Role Code
2-L	UPC	underage protection center	Role Code
2-L	WORK	work site	Role Code

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.


## 2.32. Vital Signs Observation

<b>Id</b>	2.16.756.5.30.1.1.11.5	<b>Effective Date</b>	valid from 2016-07-02
<b>Status</b>	 Draft	<b>Version Label</b>	
<b>Name</b>	VitalSignsObservation	<b>Display Name</b>	Vital Signs Observation
<b>Description</b>			
<b>Source Code System</b>	2.16.840.1.113883.6.1 - Logical Observation Identifier Names and Codes		

Level/ Type	Code	Display Name	Code System
0-L	2710-2	Sauerstoffsättigung	Logical Observation Identifier Names and Codes
0-L	3141-9	Körpergewicht (gewogen)	Logical Observation Identifier Names and Codes
0-L	8287-5	Kopfumfang okzipitofrontal	Logical Observation Identifier Names and Codes
0-L	8302-2	Körpergrösse (gemessen)	Logical Observation Identifier Names and Codes
0-L	8306-3	Körpergrösse im Liegen	Logical Observation Identifier Names and Codes
0-L	8310-5	Körpertemperatur	Logical Observation Identifier Names and Codes
0-L	8462-4	Intravaskulärer diastolischer Druck	Logical Observation Identifier Names and Codes
0-L	8480-6	Intravaskulärer systolischer Druck	Logical Observation Identifier Names and Codes
0-L	8867-4	Herzfrequenz	Logical Observation Identifier Names and Codes
0-L	9279-1	Atemfrequenz	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.


### 2.33. x\_ActRelationshipDocument

<b>Id</b>	2.16.840.1.113883.1.11.11610 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	x_ActRelationshipDocument	<b>Display Name</b>	x_ActRelationshipDocument

<b>Description</b>			
<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>Used to enumerate the relationships between two clinical documents for document management.</p>			
<b>Source Code System</b>		2.16.840.1.113883.5.1002 - <i>Act Relationship Type</i>	
Level/ Type	Code	Display Name	Code System
0-L	APND	is appendage	Act Relationship Type
0-L	RPLC	replaces	Act Relationship Type
0-L	XFRM	transformation	Act Relationship Type


Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.34. x\_BasicConfidentialityKind

<b>Id</b>	2.16.840.1.113883.1.11.16926 ref (from repository: ccda-)	<b>Effective Date</b>	valid from 2014-06-09
<b>Status</b>	 Final	<b>Version Label</b>	
<b>Name</b>	HL7BasicConfidentialityKind	<b>Display Name</b>	HL7 BasicConfidentialityKind
<b>Source Code System</b>		2.16.840.1.113883.5.25 - <i>Confidentiality</i>	
Level/ Type	Code	Display Name	Code System
0-L	N	normal	Confidentiality
0-L	R	restricted	Confidentiality
0-L	V	very restricted	Confidentiality

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.35. x\_EncounterParticipant


<b>Id</b>	2.16.840.1.113883.1.11.19600 ref (from repository: ad2bbr-)	<b>Effective Date</b>	valid from 2014-03-26
<b>Status</b>	 Final	<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	x_EncounterParticipant	<b>Display Name</b>	x_EncounterParticipant
<b>Description</b>	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>Clones using this x_domain should have a name "encounterParticipant".</p>		
<b>Source Code System</b>	2.16.840.1.113883.5.90 - <i>ParticipationType</i>		

Level/ Type	Code	Display Name	Code System
0-L	ADM	admitter	ParticipationType
0-L	ATND	attender	ParticipationType
0-L	CON	consultant	ParticipationType
0-L	DIS	discharger	ParticipationType
0-L	REF	referrer	ParticipationType

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

## 2.36. x\_InformationRecipient

<b>Id</b>	2.16.840.1.113883.1.11.19366	<b>Effective Date</b>	valid from 2014-03-26
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	ref (from repository: ad2bbr-)		
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_InformationRecipient	Display Name	x_InformationRecipient
Description	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>Used to represent participant(s) who should receive a copy of a document.</p>		
Source Code System	2.16.840.1.113883.5.90 - <i>ParticipationType</i>		
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.


## 2.37. x\_InformationRecipientRole

Id	2.16.840.1.113883.1.11.16772 ref (from repository: ad2bbr-)	Effective Date	valid from 2014-03-26
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	x_InformationRecipientRole	Display Name	x_InformationRecipientRole
Description	<p><b>History description 2014-03-26:</b> Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p>		

				Used to represent the role(s) of those who should receive a copy of a document.
<b>Source Code System</b>				2.16.840.1.113883.5.110 - <i>Role Class</i>
Level/ Type	Code	Display Name	Code System	
0-S	ASSIGNED	assigned entity	Role Class	
0-L	CAREGIVER	caregiver	Role Class	
0-L	GUAR	guarantor GuarantorRole	Role Class	
0-L	PROV	healthcare provider	Role Class	
0-L	PRS	personal relationship	Role Class	

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

### 2.38. x\_ServiceEventPerformer

<b>Id</b>	2.16.840.1.113883.1.11.19601 ref (from repository: ccda-)	<b>Effective Date</b>	valid from 2014-06-09
<b>Status</b>	 Final	<b>Version Label</b>	
<b>Name</b>	x_ServiceEventPerformer	<b>Display Name</b>	x_ServiceEventPerformer
<b>Source Code System</b>			
2.16.840.1.113883.5.90 - <i>ParticipationType</i>			
Level/ Type	Code	Display Name	Code System
0-L	PRF	performer	ParticipationType
0-L	SPRF	secondary performer	ParticipationType
0-L	PPRF	primary performer	ParticipationType

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code.

