CDA-CH-LREP - Laboratory report

Summary of DECOR information

Implementation Guideline

Version as of 2020-07-10 22:29:57

PDF extract as of 2020-07-13 22:53:57

Licenses

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

See http://www.gnu.org/licenses/gpl.html

The contents of this specification may be subject to other copyright and trademark laws and licensing regulations which are not specified here.

Disclaimer

The content of this publication has been carefully prepared and reviewed. However, medshare GmbH, Gesundheitsdepartement Kanton St.Gallen, IHE Suisse and eHealth Suisse does not guarantee the accuracy, completeness or quality of the information provided, or that it is up-to-date. Liability claims against medshare GmbH, Gesundheitsdepartement Kanton St.Gallen, IHE Suisse and eHealth Suisse in respect of material or immaterial damage caused by the use or non-use of the information offered or by inaccurate or incomplete information are in principle ruled out provided that there is no provable culpable intent or gross negligence on the institute's part.

Table of Contents

1 Project Information 10
1.1 Project 10
1.1.1 Additional project information 10
1.1.2 Version Info 10
2 Scenarios 12
2.1 CDA-CH-LREP 2018-03-06 18:38:46 12
3 Identifiers 13
3.1 Identifiers 13
3.1.1 ch-ehealth-codesystem-language 2.16.756.5.30.1.127.3.10.12 13
3.1.2 ch-ehealth-codesystem-role 2.16.756.5.30.1.127.3.10.6 13
3.1.3 SNOMED Clinical Terms Swiss Extension 2.16.756.5.30.1.127.3.4 13
3.1.4 AdministrativeGender 2.16.840.1.113883.5.1 13
3.1.5 NullFlavor (HL7) 2.16.840.1.113883.5.1008 14
3.1.6 ActStatus 2.16.840.1.113883.5.14 14
3.1.7 IANA Media Type 2.16.840.1.113883.5.79 14
3.1.8 Observation Interpretation 2.16.840.1.113883.5.83 14
3.1.9 Observation Method 2.16.840.1.113883.5.84 14
3.1.10 Participation Function 2.16.840.1.113883.5.88 15
3.1.11 Participation Signature 2.16.840.1.113883.5.89 15
3.1.12 ParticipationType 2.16.840.1.113883.5.90 15
3.1.13 LOINC 2.16.840.1.113883.6.1 15
3.1.14 Language 2.16.840.1.113883.6.121 15
3.1.15 Tags for Identifying Languages - RFC5646 2.16.840.1.113883.6.316 16
3.1.16 Snomed-CT 2.16.840.1.113883.6.96 16
3.2 List of Template Identifiers used in this project 16
3.3 List of Value Set Identifiers used in this project 22
4 Terminology 25
4.1 Value sets 25
4.1.1 ActStatusAbortedCancelledCompleted 2.16.840.1.113883.1.11.20309 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 25
4.1.2 ActStatusAbortedCancelledCompleted 2.16.840.1.113883.1.11.20309 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 26
4.1.3 ActStatusAbortedCompleted 1.3.6.1.4.1.19376.1.3.11.2 - 2008-08-08 (2017) ref (from repository: XDLAB-) 26

4.1.4 ActStatusActiveAbortedCompleted 2.16.756.5.30.1.1.11.80 - 2019-08-20 (2019) ref (from repository: ch-palm-) 27
4.1.5 ActStatusCompleted 2.16.840.1.113883.1.11.20025 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 27
4.1.6 ActStatusCompleted 2.16.840.1.113883.1.11.20025 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 28
4.1.7 ActStatusCompletedNullified 1.3.6.1.4.1.19376.1.3.11.3 - 2008-08-08 (2017) ref (from repository: XDLAB-) 29
4.1.8 AdministrativeGender 2.16.840.1.113883.1.11.1 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 29
4.1.9 AdministrativeGender 2.16.840.1.113883.1.11.1 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 30
4.1.10 ApplicationMediaType 2.16.840.1.113883.1.11.14832 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 31
4.1.11 AudioMediaType 2.16.840.1.113883.1.11.14835 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 31
4.1.12 DocumentEntry.author.authorRole 2.16.756.5.30.1.127.3.10.1.1.3 - 2020-06-22 09:57:24 (201907.3-stable) ref (from repository: ch-epr-) 32
4.1.13 DocumentEntry.confidentialityCode 2.16.756.5.30.1.127.3.10.1.5 - 2020-04-23 11:44:04 (201907.3-stable) ref (from repository: ch-epr-) 33
4.1.14 DocumentEntry.languageCode 2.16.756.5.30.1.127.3.10.1.13 - 2020-04-06 15:11:22 (201907.3-stable) ref (from repository: ch-epr-) 34
4.1.15 DocumentEntry.typeCode 2.16.756.5.30.1.127.3.10.1.27 - 2020-02-26 17:34:48 (201907.0-beta) ref (from repository: ch-epr-) 37
4.1.16 DocumentEntry.typeCode 2.16.756.5.30.1.127.3.10.1.27 - 2020-02-17 15:49:49 (201907.2-stable) ref (from repository: ch-epr-) 40
4.1.17 HumanLanguage 2.16.840.1.113883.1.11.11526 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 42
4.1.18 HumanLanguage 2.16.840.1.113883.1.11.11526 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 43
4.1.19 Multi-disciplinary Laboratory Report 1.3.6.1.4.1.19376.1.3.11.6 - 2016-06-28 20:13:09 (2017) ref (from repository: XDLAB-) 43
4.1.20 ImageMediaType 2.16.840.1.113883.1.11.14839 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 44
4.1.21 Laboratory Specialties 1.3.6.1.4.1.19376.1.3.11.1 - 2008-08-08 (2017) ref (from repository: XDLAB-) 44
4.1.22 ModelMediaType 2.16.840.1.113883.1.11.14848 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 46
4.1.23 Multimedia Embedded Media Types 1.3.6.1.4.1.19376.1.3.11.5 - 2008-08-08 (2017) ref (from repository: XDLAB-) 47

4.1.24 MultipartMediaType 2.16.840.1.113883.1.11.14850 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 47
4.1.25 NullFlavor 2.16.840.1.113883.1.11.10609 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 48
4.1.26 NullFlavor 2.16.840.1.113883.1.11.10609 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 49
4.1.27 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2017-12-17 (DEFN=UV=VO=1402-20171217) ref (from repository: ad2bbr-) 50
4.1.28 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2016-11-26 (DEFN=UV=VO=1382-20161126) ref (from repository: ad2bbr-) 54
4.1.29 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 58
4.1.30 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 61
4.1.31 ObservationMethod 2.16.840.1.113883.1.11.14079 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 64
4.1.32 ObservationMethod 2.16.840.1.113883.1.11.14079 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 78
4.1.33 ParticipationFunction 2.16.840.1.113883.1.11.10267 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 93
4.1.34 ParticipationSignature 2.16.840.1.113883.1.11.10282 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 96
4.1.35 ParticipationSignature 2.16.840.1.113883.1.11.10282 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 97
4.1.36 Pregnancy Observation Codes 2.16.756.5.30.1.1.11.78 - 2018-04-19 (2018) ref (from repository: ch-pcc-) 97
4.1.37 TextMediaType 2.16.840.1.113883.1.11.14825 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 99
4.1.38 VideoMediaType 2.16.840.1.113883.1.11.14845 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 100
4.1.39 Vital Signs Observation 2.16.756.5.30.1.1.11.5 - 2018-04-19 (2018) ref (from repository: ch-pcc-) 101
4.1.40 x_InformationRecipient 2.16.840.1.113883.1.11.19366 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-) 102
4.1.41 x_InformationRecipient 2.16.840.1.113883.1.11.19366 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-) 103

5 Templates 104

5.1 Templates with direct association to a transaction 104
5.1.1 General Laboratory Report 2.16.756.5.30.1.1.10.1.10 - 2020-06-26 (2020) 104
5.2 Templates 134

5.2.1 External document 2.16.756.5.30.1.1.10.4.29 - 2018-04-18 (2017) ref hl7chcda- 134
5.2.2 Observation Media 2.16.756.5.30.1.1.10.4.83 - 2018-04-18 (2017) ref hl7chcda- 137
5.2.3 Data Enterer 2.16.756.5.30.1.1.10.2.7 - 2018-04-18 (2017) ref hl7chcda- 140
5.2.4 Document Confidentiality Code 2.16.756.5.30.1.1.10.2.19 - 2019-09-12 14:08:42 (2019) ref hl7chcda- 142
5.2.5 Document Id 2.16.756.5.30.1.1.10.2.23 - 2018-04-18 (2017) ref hl7chcda- 144
5.2.6 Document Language 2.16.756.5.30.1.1.10.2.22 - 2019-09-12 14:28:13 (2020) ref hl7chcda- 145
5.2.7 Document Realm 2.16.756.5.30.1.1.10.2.25 - 2018-04-18 (2017) ref hl7chcda- 146
5.2.8 Document Replacement - relatedDocument 2.16.756.5.30.1.1.10.2.13 - 2019-01-01 21:22:58 (2020) ref hl7chcda- 147
5.2.9 Document Set Id and Version Number 2.16.756.5.30.1.1.10.2.20 - 2018-04-18 (2017) ref hl7chcda- 150
5.2.10 Document Template Ids CDA-CH v2.0 - structuredBody 2.16.756.5.30.1.1.10.2.18 - 2019-10-17 15:21:50 (2020) ref hl7chcda- 151
5.2.11 Health Service - documentationOf 2.16.756.5.30.1.1.10.2.46 - 2019-01-01 20:53:33 (2019) ref hl7chcda- 153
5.2.12 Insurance - participant 2.16.756.5.30.1.1.10.2.15 - 2018-04-18 (2017) ref hl7chcda- . 157
5.2.13 Insurance Card - participant 2.16.756.5.30.1.1.10.2.14 - 2018-04-18 (2017) ref hl7chcda- 160
5.2.14 Order Reference - inFulfillmentOf 2.16.756.5.30.1.1.10.2.16 - 2018-04-18 (2017) ref hl7chcda- 163
5.2.15 Address Information Compilation - eCH-0010 2.16.756.5.30.1.1.10.9.35 - 2018-04-18 (2017) ref hl7chcda- 164
5.2.16 Assigned Entity Compilation with id 2.16.756.5.30.1.1.10.9.12 - 2019-10-24 16:41:55 (2020) ref hl7chcda- 172
5.2.17 Assigned Entity Compilation with id, name, addr, telecom, person and organization 2.16.756.5.30.1.1.10.9.32 - 2019-10-24 16:38:14 (2020) ref hl7chcda- 176
5.2.18 Assigned Entity Compilation with name, addr and telecom 2.16.756.5.30.1.1.10.9.17 - 2019-10-24 16:20:55 (2020) ref hl7chcda- 180
5.2.19 Author Compilation with id, name, addr and telecom 2.16.756.5.30.1.1.10.9.54 - 2020-04-28 12:02:52 (2020) ref hl7chcda- 184
5.2.20 Author Compilation with name 2.16.756.5.30.1.1.10.9.48 - 2019-10-24 15:57:29 (2020) ref hl7chcda- 189
5.2.21 Author Compilation with name, addr and telecom 2.16.756.5.30.1.1.10.9.16 - 2019-10-24 16:13:06 (2020) ref hl7chcda- 192
5.2.22 Device Compilation with name 2.16.756.5.30.1.1.10.9.21 - 2018-04-18 (2017) ref hl7chcda- 196
5.2.23 Organization Compilation with GLN, name, addr and telecom 2.16.756.5.30.1.1.10.9.26 - 2018-04-18 (2017) ref hl7chcda- 199

5.2.24 Organization Compilation with id, name, addr and telecom 2.16.756.5.30.1.1.10.9.33 - 2018-04-18 (2017) ref hl7chcda- 201
5.2.25 Organization Compilation with name 2.16.756.5.30.1.1.10.9.24 - 2018-04-18 (2017) ref hl7chcda- 203
5.2.26 Organization Compilation with name, addr, telecom 2.16.756.5.30.1.1.10.9.27 - 2018-04-18 (2017) ref hl7chcda- 205
5.2.27 Original Text Reference 2.16.756.5.30.1.1.10.9.49 - 2018-04-18 (2017) ref hl7chcda-. 209
5.2.28 Performer 2.16.756.5.30.1.1.10.9.31 - 2018-12-24 19:51:04 (2020) ref hl7chcda-..... 212
5.2.29 Person Name Information Compilation - eCH-0011 2.16.756.5.30.1.1.10.9.34 - 2018-04-18 (2017) ref hl7chcda- 216
5.2.30 PlayingEntity Compilation with name 2.16.756.5.30.1.1.10.9.20 - 2018-04-18 (2017) ref hl7chcda- 224
5.2.31 Narrative Text Reference 2.16.756.5.30.1.1.10.9.14 - 2018-04-18 (2017) ref hl7chcda- 226
5.2.32 Original Representation Section - coded 2.16.756.5.30.1.1.10.3.45 - 2018-04-18 (2017) ref hl7chcda- 229
5.2.33 Laboratory Battery Organizer - Antibiogram 2.16.756.5.30.1.1.10.4.87 - 2020-06-26 (2020) 233
5.2.34 Laboratory Isolate Organizer - Pathogen Detection 2.16.756.5.30.1.1.10.4.85 - 2020-06-26 (2020) 240
5.2.35 Laboratory Report Data Processing Entry 2.16.756.5.30.1.1.10.4.118 - 2020-06-26 (2020) 249
5.2.36 Notifiable Condition - Significant Pathogen 2.16.756.5.30.1.1.10.4.86 - 2020-06-26 (2020) 259
5.2.37 Notification Organizer - Significant Pathogens 2.16.756.5.30.1.1.10.4.88 - 2020-06-26 (2020) 264
5.2.38 AssignedEntity Compilation for Laboratory 2.16.756.5.30.1.1.10.9.47 - 2020-06-26 (2020) 266
5.2.39 Author 2.16.756.5.30.1.1.10.2.59 - 2020-06-26 (2020) 269
5.2.40 Custodian 2.16.756.5.30.1.1.10.2.60 - 2020-06-26 (2020) 273
5.2.41 Document Code 2.16.756.5.30.1.1.10.2.56 - 2020-06-26 (2020) 277
5.2.42 Document Title 2.16.756.5.30.1.1.10.2.62 - 2020-06-26 (2020) 279
5.2.43 Legal Authenticator 2.16.756.5.30.1.1.10.2.61 - 2020-06-26 (2020) 281
5.2.44 Human Patient - recordTarget 2.16.756.5.30.1.1.10.2.58 - 2020-06-26 (2020) 284
5.2.45 Recipient 2.16.756.5.30.1.1.10.2.57 - 2020-06-26 (2020) 287
5.2.46 Document Template Ids CDA-CH-LREP V1 2.16.756.5.30.1.1.10.2.55 - 2020-06-26 (2020) 290
5.2.47 Laboratory Report Item Section - coded 2.16.756.5.30.1.1.10.3.76 - 2020-06-26 (2020) 292
5.2.48 Laboratory Speciality Section - coded 2.16.756.5.30.1.1.10.3.77 - 2020-06-26 (2020) 299

5.2.49 Gestational Age At Birth 2.16.756.5.30.1.1.10.4.84 - 2020-06-26 (2020) ref cdachvacd- 307
5.2.50 Other Relevant Observations Section - coded 2.16.756.5.30.1.1.10.3.46 - 2020-06-26 (2020) ref cdachvacd- 312
5.2.51 Case Identification 2.16.756.5.30.1.1.10.4.15 - 2019-08-20 (2019) ref ch-palm- 316
5.2.52 Human Patient with Non-Human Subject - subject Containment 2.16.756.5.30.1.1.10.4.6 - 2019-08-20 (2019) ref ch-palm- 320
5.2.53 Laboratory Battery Organizer 2.16.756.5.30.1.1.10.4.19 - 2019-08-20 (2019) ref ch-palm- 325
5.2.54 Laboratory Isolate Organizer 2.16.756.5.30.1.1.10.4.17 - 2019-08-20 (2019) ref ch-palm- 333
5.2.55 Laboratory Observation 2.16.756.5.30.1.1.10.4.3 - 2019-08-20 (2020) ref ch-palm- 343
5.2.56 Laboratory Performer - performer Containment 2.16.756.5.30.1.1.10.4.7 - 2019-08-20 (2019) ref ch-palm- 362
5.2.57 Laboratory Report Data Processing Entry 2.16.756.5.30.1.1.10.4.4 - 2019-08-20 (2019) ref ch-palm- 365
5.2.58 Laboratory Results Validator - participant Containment 2.16.756.5.30.1.1.10.4.8 - 2019-08-20 (2019) ref ch-palm- 375
5.2.59 Multimedia Embedded Content 2.16.756.5.30.1.1.10.4.18 - 2019-08-20 (2020) ref ch-palm- 379
5.2.60 Non-Human Subject - subject Containment 2.16.756.5.30.1.1.10.4.5 - 2019-08-20 (2019) ref ch-palm- 383
5.2.61 Notifiable Condition 2.16.756.5.30.1.1.10.4.14 - 2019-08-20 (2019) ref ch-palm- 388
5.2.62 Notification Organizer 2.16.756.5.30.1.1.10.4.13 - 2019-08-20 (2019) ref ch-palm- 393
5.2.63 Outbreak Identification 2.16.756.5.30.1.1.10.4.16 - 2019-08-20 (2019) ref ch-palm- 397
5.2.64 Device - participant Containment 2.16.756.5.30.1.1.10.4.10 - 2019-08-20 (2020) ref ch-palm- 402
5.2.65 Responsible Party - participant Containment 2.16.756.5.30.1.1.10.4.9 - 2019-08-20 (2019) ref ch-palm- 406
5.2.66 Specimen collection - participant Containment 2.16.756.5.30.1.1.10.4.24 - 2019-08-20 (2019) ref ch-palm- 409
5.2.67 Previous Observation 2.16.756.5.30.1.1.10.4.22 - 2019-08-20 (2019) ref ch-palm- 412
5.2.68 Specimen Collection 2.16.756.5.30.1.1.10.4.11 - 2019-08-20 (2019) ref ch-palm- 416
5.2.69 Specimen Received 2.16.756.5.30.1.1.10.4.12 - 2019-08-20 (2019) ref ch-palm- 423
5.2.70 Specimen Type 2.16.756.5.30.1.1.10.4.27 - 2019-08-20 (2020) ref ch-palm- 427
5.2.71 Laboratory Performer - documentationOf 2.16.756.5.30.1.1.10.2.28 - 2019-08-20 (2019) ref ch-palm- 430
5.2.72 Laboratory Results Validator - authenticator 2.16.756.5.30.1.1.10.2.88 - 2019-08-20 (2019) ref ch-palm- 433

5.2.73 Human Patient with Non-Human Subject - recordTarget 2.16.756.5.30.1.1.10.2.27 - 2019-08-20 (2019) ref ch-palm- ... 436
5.2.74 Non-Human Subject - recordTarget 2.16.756.5.30.1.1.10.2.26 - 2019-08-20 (2019) ref ch-palm- ... 440
5.2.75 Laboratory Report Item Section - coded 2.16.756.5.30.1.1.10.3.5 - 2019-08-20 (2019) ref ch-palm- ... 443
5.2.76 Laboratory Speciality Section - coded 2.16.756.5.30.1.1.10.3.3 - 2019-08-20 (2019) ref ch-palm- ... 449
5.2.77 Annotation Comments 2.16.756.5.30.1.1.10.4.2 - 2016-11-12 (2016) ref ch-pcc- ... 457
5.2.78 Pregnancy Observation Entry 2.16.756.5.30.1.1.10.4.92 - 2016-11-12 (2016) ref ch-pcc- ... 463
5.2.79 Pregnancy Observation Delivery Date 2.16.756.5.30.1.1.10.4.102 - 2016-11-12 (2018) ref ch-pcc- ... 469
5.2.80 Vital Signs Observation 2.16.756.5.30.1.1.10.4.21 - 2016-11-12 (2016) ref ch-pcc- ... 474
5.2.81 Vital Signs Organizer Entry 2.16.756.5.30.1.1.10.4.20 - 2016-11-12 (2016) ref ch-pcc- ... 481
5.2.82 Current Pregnancy Section - coded 2.16.756.5.30.1.1.10.3.53 - 2016-11-11 (2018) ref ch-pcc- ... 486
5.2.83 Vital Signs Section - coded 2.16.756.5.30.1.1.10.3.4 - 2016-11-11 (2016) ref ch-pcc- ... 491

1 Project Information

1.1 Project

Laboratory reports from laboratories to their customers, such as physicians or hospitals, should be given a uniform layout within the Swiss electronic patient record.

1.1.1 Additional project information

Properties	
Prefix: cdachlrep- Default language: en-US	
Publication location	**Project overview**
http://ehealthsuisse.art-decor.org/	Project index

Disclaimer

The content of this publication has been carefully prepared and reviewed. However, medshare GmbH, Gesundheitsdepartement Kanton St.Gallen, IHE Suisse and eHealth Suisse does not guarantee the accuracy, completeness or quality of the information provided, or that it is up-to-date. Liability claims against medshare GmbH, Gesundheitsdepartement Kanton St.Gallen, IHE Suisse and eHealth Suisse in respect of material or immaterial damage caused by the use or non-use of the information offered or by inaccurate or incomplete information are in principle ruled out provided that there is no provable culpable intent or gross negligence on the institute's part.

List of Authors

- Tony Schaller
- Oliver Egger
- Johannes Gnaegi
- Marcel Hanselmann
- dr Kai Heitmann

1.1.2 Version Info

Date	By	Description
2020-07-10 22:29:57	Tony Schaller	**Official Release: 1.4.0 (26.06.2020)** ▪ Update for IHE PalM TF 3, Rev. 10 (August 20, 2019) ▪ Update for CDA-CH V2.1 (2020) ▪ ART-DECOR issues closed für CH-PaLM and CDA-CH-LREP ▪ See Changelog for more details
2018-07-16 08:22:30	Johannes Gnaegi	**Official Release: 1.3.2 (14.07.2018)** Corrected hierarchy error with the template ids on the IHE XD-LAB Laboratory Report Data Processing Entry 1.3.6.1.4.1.19376.1.3.1
2018-05-07 17:03:21	Tony Schaller	**Official Release: 1.3.1 (07.05.2018)** This is the first official release of CDA-CH-LREP v1.3 (2018)
2018-05-07 15:42:38	Tony Schaller	**Official Release: 1.3.1 (07.05.2018)** This is the first official release of CDA-CH-LREP v1.3 (2018)

2017-06-13 08:47:10	**Johannes Gnaegi**	**Official Release: Release Candiate 1 - Anhörungsversion Test** Version in Englisch, damit die formellen Anforderungen an das PDF für die Vernehmlassung überprüft werden können.
2016-07-16 09:58:10	Tony Schaller	Release Candidate 1
2016-07-15 14:30:06	Tony Schaller	Beta Version
2016-07-15 03:32:38	Tony Schaller	Test Publikation Body
2016-07-14 08:25:39	Tony Schaller	*(de-CH)* Test Publikation Header
2016-03-25 15:06:50	Tony Schaller	Test Publikation 2
2016-03-24 15:35:30	Tony Schaller	*(de-CH)* Test Publikation
2016-03-23 16:32:28	Tony Schaller	*(de-CH)* Entwurf in Arbeit

2 Scenarios

2.1 CDA-CH-LREP 2018-03-06 18:38:46

-

CDA-CH-LREP

cdachlrep-scenario-1

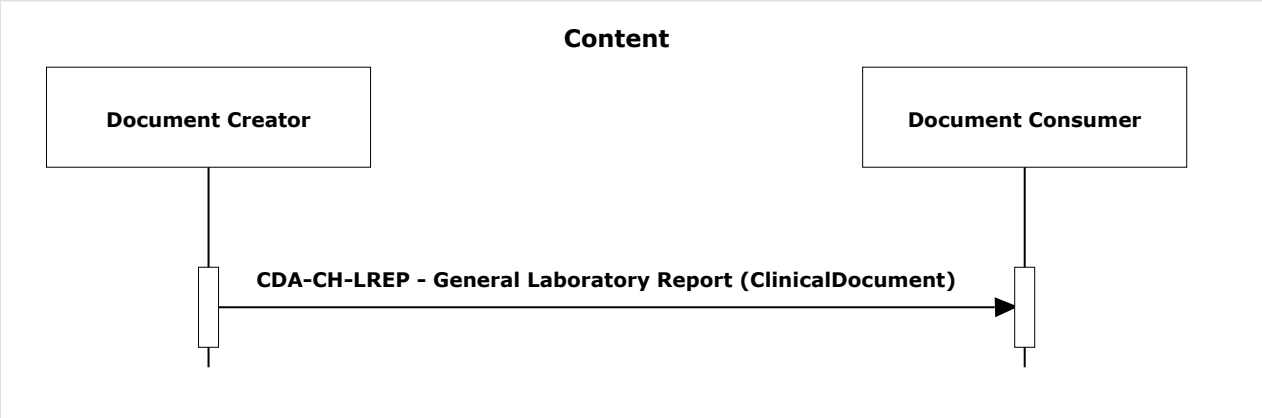
Version / effective date 2018 - 2018-03-06 18:38:46

Description -

Content

cdachlrep-transaction-1 link

Version / effective date 2018 - 2018-03-06 18:38:46



CDA-CH-LREP - General Laboratory Report

cdachlrep-transaction-2 link

Version / effective date 2018 - 2018-03-06 18:38:46

Model ClinicalDocument **Label** GeneralReport

Actor Sender (device) Document Creator
Receiver (device) Document Consumer

Associations Data Set (for transaction) CDA-CH-LREP 2018*(2.16.756.5.30.1.1.1.1.3.9.77.1.1.1 / DYNAMIC)*
Template General Laboratory Report *(2.16.756.5.30.1.1.10.1.10 / DYNAMIC)*
XML overview General Laboratory Report *(2.16.756.5.30.1.1.10.1.10 / DYNAMIC)*

3 Identifiers

3.1 Identifiers

As for now used for rendering purposes only.

3.1.1 *ch-ehealth-codesystem-language* 2.16.756.5.30.1.127.3.10.12

Language	Display Name	Description
en-US	ch-ehealth-codesystem-language	ch-ehealth-codesystem-language

3.1.2 *ch-ehealth-codesystem-role* 2.16.756.5.30.1.127.3.10.6

Language	Display Name	Description
en-US	ch-ehealth-codesystem-role	ch-ehealth-codesystem-role

3.1.3 *SNOMED Clinical Terms Swiss Extension* 2.16.756.5.30.1.127.3.4

Language	Display Name	Description
en-US	SNOMED Clinical Terms Swiss Extension	SNOMED Clinical Terms Swiss Extension

3.1.4 *AdministrativeGender* 2.16.840.1.113883.5.1

Language	Display Name	Description
en-US	AdministrativeGender	AdministrativeGender

3.1.5 *NullFlavor (HL7)* 2.16.840.1.113883.5.1008

Language	Display Name	Description
en-US	NullFlavor (HL7)	NullFlavor (HL7)

3.1.6 *ActStatus* 2.16.840.1.113883.5.14

Language	Display Name	Description
en-US	ActStatus	ActStatus

3.1.7 *IANA Media Type* 2.16.840.1.113883.5.79

Language	Display Name	Description
en-US	IANA Media Type	IANA Media Type

3.1.8 *Observation Interpretation* 2.16.840.1.113883.5.83

Language	Display Name	Description
en-US	Observation Interpretation	Observation Interpretation

3.1.9 *Observation Method* 2.16.840.1.113883.5.84

Language	Display Name	Description
en-US	Observation Method	Observation Method

3.1.10 *Participation Function* 2.16.840.1.113883.5.88

Language	Display Name	Description
en-US	Participation Function	Participation Function

3.1.11 *Participation Signature* 2.16.840.1.113883.5.89

Language	Display Name	Description
en-US	Participation Signature	Participation Signature

3.1.12 *ParticipationType* 2.16.840.1.113883.5.90

Language	Display Name	Description
en-US	ParticipationType	ParticipationType

3.1.13 *LOINC* 2.16.840.1.113883.6.1

Language	Display Name	Description
en-US	LOINC	LOINC

3.1.14 *Language* 2.16.840.1.113883.6.121

Language	Display Name	Description
en-US	Language	Language

3.1.15 *Tags for Identifying Languages - RFC5646* 2.16.840.1.113883.6.316

Language	Display Name	Description
en-US	Tags for Identifying Languages - RFC5646	Tags for Identifying Languages - RFC5646

3.1.16 *Snomed-CT* 2.16.840.1.113883.6.96

Language	Display Name	Description
en-US	Snomed-CT	Snomed-CT

3.2 List of Template Identifiers used in this project

Id	Display Name	Effective date	Type
2.16.756.5.30.1.1.10.1.10	General Laboratory Report	2020-06-26 2018-04-19	cdadocumentlevel
2.16.756.5.30.1.1.10.2.13	Document Replacement - relatedDocument	2019-01-01 21:22:58 2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.14	Insurance Card - participant	2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.15	Insurance - participant	2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.16	Order Reference - inFulfillmentOf	2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.18	Document Template Ids CDA-CH v2.0 - structuredBody	2019-10-17 15:21:50 2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.19	Document Confidentiality Code	2019-09-12 14:08:42 2018-04-18	cdaheaderlevel

2.16.756.5.30.1.1.10.2.20	Document Set Id and Version Number	2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.22	Document Language	2019-09-12 14:28:13 2019-09-12 14:27:38 2019-09-12 14:25:02 2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.23	Document Id	2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.25	Document Realm	2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.26	Non-Human Subject - recordTarget	2019-08-20 2017-06-21	cdaheaderlevel
2.16.756.5.30.1.1.10.2.27	Human Patient with Non-Human Subject - recordTarget	2019-08-20 2017-06-21	cdaheaderlevel
2.16.756.5.30.1.1.10.2.28	Laboratory Performer - documentationOf	2019-08-20 2017-06-21	cdaheaderlevel
2.16.756.5.30.1.1.10.2.46	Health Service - documentationOf	2019-01-01 20:53:33 2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.55	Document Template Ids CDA-CH-LREP V1	2020-06-26	cdaheaderlevel
2.16.756.5.30.1.1.10.2.56	Document Code	2020-06-26 2018-04-19	cdaheaderlevel
2.16.756.5.30.1.1.10.2.57	Recipient	2020-06-26	cdaheaderlevel
2.16.756.5.30.1.1.10.2.58	Human Patient - recordTarget	2020-06-26 2018-04-19	cdaheaderlevel
2.16.756.5.30.1.1.10.2.59	Author	2020-06-26 2018-04-19	cdaheaderlevel

2.16.756.5.30.1.1.10.2.60	Custodian	2020-06-26 2018-04-19	cdaheaderlevel
2.16.756.5.30.1.1.10.2.61	Legal Authenticator	2020-06-26	cdaheaderlevel
2.16.756.5.30.1.1.10.2.62	Document Title	2020-06-26	cdaheaderlevel
2.16.756.5.30.1.1.10.2.7	Data Enterer	2018-04-18	cdaheaderlevel
2.16.756.5.30.1.1.10.2.88	Laboratory Results Validator - authenticator	2019-08-20	cdaheaderlevel
2.16.756.5.30.1.1.10.3.3	Laboratory Speciality Section - coded	2019-08-20	cdasectionlevel
2.16.756.5.30.1.1.10.3.4	Vital Signs Section - coded	2016-11-11	cdasectionlevel
2.16.756.5.30.1.1.10.3.45	Original Representation Section - coded	2018-04-18	cdasectionlevel
2.16.756.5.30.1.1.10.3.46	Other Relevant Observations Section - coded	2020-06-26 2018-04-19	cdasectionlevel
2.16.756.5.30.1.1.10.3.5	Laboratory Report Item Section - coded	2019-08-20	cdasectionlevel
2.16.756.5.30.1.1.10.3.53	Current Pregnancy Section - coded	2018-04-19 2016-11-12 2016-11-11	cdasectionlevel
2.16.756.5.30.1.1.10.3.76	Laboratory Report Item Section - coded	2020-06-26	cdasectionlevel
2.16.756.5.30.1.1.10.3.77	Laboratory Speciality Section - coded	2020-06-26	cdasectionlevel
2.16.756.5.30.1.1.10.4.10	Device - participant Containment	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.102	Pregnancy Observation Delivery Date	2018-04-19 2016-11-12	cdaentrylevel

2.16.756.5.30.1.1.10.4.11	Specimen Collection	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.118	Laboratory Report Data Processing Entry	2020-06-26	cdaentrylevel
2.16.756.5.30.1.1.10.4.12	Specimen Received	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.13	Notification Organizer	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.14	Notifiable Condition	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.15	Case Identification	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.16	Outbreak Identification	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.17	Laboratory Isolate Organizer	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.18	Multimedia Embedded Content	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.19	Laboratory Battery Organizer	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.2	Annotation Comments	2016-11-12 2016-11-11	cdaentrylevel
2.16.756.5.30.1.1.10.4.20	Vital Signs Organizer Entry	2020-04-21 15:07:51 2016-11-12 2016-11-11	cdaentrylevel

2.16.756.5.30.1.1.10.4.21	Vital Signs Observation	2016-11-12 2016-11-11	cdaentrylevel
2.16.756.5.30.1.1.10.4.22	Previous Observation	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.24	Specimen collection - participant Containment	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.27	Specimen Type	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.29	External document	2018-04-18	cdaentrylevel
2.16.756.5.30.1.1.10.4.3	Laboratory Observation	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.4	Laboratory Report Data Processing Entry	2019-08-20	cdaentrylevel
2.16.756.5.30.1.1.10.4.5	Non-Human Subject - subject Containment	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.6	Human Patient with Non-Human Subject - subject Containment	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.7	Laboratory Performer - performer Containment	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.8	Laboratory Results Validator - participant Containment	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.83	Observation Media	2018-04-18	cdaentrylevel
2.16.756.5.30.1.1.10.4.84	Gestational Age At Birth	2020-06-26 2018-04-19	cdaentrylevel

2.16.756.5.30.1.1.10.4.85	Laboratory Isolate Organizer - Pathogen Detection	2020-06-26	cdaentrylevel
2.16.756.5.30.1.1.10.4.86	Notifiable Condition - Significant Pathogen	2020-06-26	cdaentrylevel
2.16.756.5.30.1.1.10.4.87	Laboratory Battery Organizer - Antibiogram	2020-06-26 2018-04-19	cdaentrylevel
2.16.756.5.30.1.1.10.4.88	Notification Organizer - Significant Pathogens	2020-06-26	cdaentrylevel
2.16.756.5.30.1.1.10.4.9	Responsible Party - participant Containment	2019-08-20 2017-06-21	cdaentrylevel
2.16.756.5.30.1.1.10.4.92	Pregnancy Observation Entry	2016-11-12 2016-11-11	cdaentrylevel
2.16.756.5.30.1.1.10.9.12	Assigned Entity Compilation with id	2019-10-24 16:41:55 2018-04-18	notype
2.16.756.5.30.1.1.10.9.14	Narrative Text Reference	2018-04-18	notype
2.16.756.5.30.1.1.10.9.16	Author Compilation with name, addr and telecom	2019-10-24 16:13:06 2018-04-18	notype
2.16.756.5.30.1.1.10.9.17	Assigned Entity Compilation with name, addr and telecom	2019-10-24 16:20:55 2018-04-18	notype
2.16.756.5.30.1.1.10.9.20	PlayingEntity Compilation with name	2018-04-18	notype
2.16.756.5.30.1.1.10.9.21	Device Compilation with name	2018-04-18	notype
2.16.756.5.30.1.1.10.9.24	Organization Compilation with name	2018-04-18	notype
2.16.756.5.30.1.1.10.9.26	Organization Compilation with GLN, name, addr and telecom	2018-04-18	notype
2.16.756.5.30.1.1.10.9.27	Organization Compilation with name, addr, telecom	2018-04-18	notype

2.16.756.5.30.1.1.10.9.31	Performer	2018-12-24 19:51:04 2018-04-18	notype
2.16.756.5.30.1.1.10.9.32	Assigned Entity Compilation with id, name, addr, telecom, person and organization	2019-10-24 16:38:14 2018-04-18	notype
2.16.756.5.30.1.1.10.9.33	Organization Compilation with id, name, addr and telecom	2018-04-18	notype
2.16.756.5.30.1.1.10.9.34	Person Name Information Compilation - eCH-0011	2018-04-18	notype
2.16.756.5.30.1.1.10.9.35	Address Information Compilation - eCH-0010	2018-04-18	notype
2.16.756.5.30.1.1.10.9.47	AssignedEntity Compilation for Laboratory	2020-06-26	notype
2.16.756.5.30.1.1.10.9.48	Author Compilation with name	2019-10-24 15:57:29 2018-04-18	notype
2.16.756.5.30.1.1.10.9.49	Original Text Reference	2018-04-18	notype
2.16.756.5.30.1.1.10.9.54	Author Compilation with id, name, addr and telecom	2020-04-28 12:02:52	notype

3.3 List of Value Set Identifiers used in this project

Id	Display Name	Effective date
2.16.840.1.113883.1.11.20309	ActStatusAbortedCancelledCompleted	2014-03-26 2011-07-26
1.3.6.1.4.1.19376.1.3.11.2	ActStatusAbortedCompleted	2008-08-08
2.16.756.5.30.1.1.11.80	ActStatusActiveAbortedCompleted	2019-08-20
2.16.840.1.113883.1.11.20025	ActStatusCompleted	2014-03-26 2011-07-26
1.3.6.1.4.1.19376.1.3.11.3	ActStatusCompletedNullified	2008-08-08

2.16.840.1.113883.1.11.1	AdministrativeGender	2014-03-26 2011-07-26
2.16.840.1.113883.1.11.14832	ApplicationMediaType	2014-03-26
2.16.840.1.113883.1.11.14835	AudioMediaType	2014-03-26
2.16.756.5.30.1.127.3.10.1.1.3	DocumentEntry.author.authorRole	2020-06-22 09:57:24
2.16.756.5.30.1.127.3.10.1.5	DocumentEntry.confidentialityCode	2020-04-23 11:44:04 2019-12-11 09:52:17 2019-11-03 14:35:14 2019-06-08 11:19:14 2018-06-13 07:57:38 2018-01-31 14:09:35 2017-10-02 10:23:44 2017-04-15 23:36:23
2.16.756.5.30.1.127.3.10.1.13	DocumentEntry.languageCode	2020-04-06 15:11:22
2.16.756.5.30.1.127.3.10.1.27	DocumentEntry.typeCode	2020-02-26 17:34:48 2020-02-17 15:49:49 2019-11-03 13:11:50 2019-06-08 09:42:21 2018-06-13 08:18:20 2017-12-20 2017-10-02 13:39:26 2017-10-02 11:32:13 2017-10-02 11:14:30 2017-06-12 17:44:36 2017-04-16 12:09:12
2.16.840.1.113883.1.11.11526	HumanLanguage	2014-03-26 2011-07-26
1.3.6.1.4.1.19376.1.3.11.6	Multi-disciplinary Laboratory Report	2016-06-28 20:13:09
2.16.840.1.113883.1.11.14839	ImageMediaType	2014-03-26

1.3.6.1.4.1.19376.1.3.11.1	Laboratory Specialties	2008-08-08
2.16.840.1.113883.1.11.14848	ModelMediaType	2014-03-26
1.3.6.1.4.1.19376.1.3.11.5	Multimedia Embedded Media Types	2008-08-08
2.16.840.1.113883.1.11.14850	MultipartMediaType	2014-03-26
2.16.840.1.113883.1.11.10609	NullFlavor	2014-03-26 2011-07-26
2.16.840.1.113883.1.11.78	ObservationInterpretation	2017-12-17 2016-11-26 2014-03-26 2011-07-26
2.16.840.1.113883.1.11.14079	ObservationMethod	2014-03-26 2011-07-26
2.16.840.1.113883.1.11.10267	ParticipationFunction	2014-03-26
2.16.840.1.113883.1.11.10282	ParticipationSignature	2014-03-26 2011-07-26
2.16.756.5.30.1.1.11.78	Pregnancy Observation Codes	2018-04-19
2.16.840.1.113883.1.11.14825	TextMediaType	2014-03-26
2.16.840.1.113883.1.11.14845	VideoMediaType	2014-03-26
2.16.756.5.30.1.1.11.5	Vital Signs Observation	2018-04-19
2.16.840.1.113883.1.11.19366	x_InformationRecipient	2014-03-26 2011-07-26

4 Terminology

4.1 Value sets

4.1.1 ActStatusAbortedCancelledCompleted 2.16.840.1.113883.1.11.20309 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.20309 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ ActStatusAbortedCancelledCompletedDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ActStatusAbortedCancelledCompleted	**Display Name**	ActStatusAbortedCancelledCompleted
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** **Description:** The status of an assessment for indications of an abnormal condition.		
Source Code System	2.16.840.1.113883.5.14 - *ActStatus - http://terminology.hl7.org/CodeSystem/v3-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. NullFlavor OTH (other) suggests text in originalText.

4.1.2 ActStatusAbortedCancelledCompleted 2.16.840.1.113883.1.11.20309 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.20309 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ ActStatusAbortedCancelledCompletedDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	ActStatusAbortedCancelledCompleted	**Display Name**	ActStatusAbortedCancelledCompleted
Description	**description:** **Description:** The status of an assessment for indications of an abnormal condition.		
Source Code System	2.16.840.1.113883.5.14 - *ActStatus - http://terminology.hl7.org/CodeSystem/v3-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. NullFlavor OTH (other) suggests text in originalText.

4.1.3 ActStatusAbortedCompleted 1.3.6.1.4.1.19376.1.3.11.2 - 2008-08-08 (2017) ref (from repository: XDLAB-)

Id	1.3.6.1.4.1.19376.1.3.11.2 ref XDLAB-	**Effective Date**	2008-08-08
Status	Final	**Version Label**	2017
Name	ActStatusAbortedCompleted	**Display Name**	ActStatusAbortedCompleted
Source Code System	2.16.840.1.113883.5.14 - *ActStatus - http://terminology.hl7.org/CodeSystem/v3-ActStatus*		

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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.4 ActStatusActiveAbortedCompleted 2.16.756.5.30.1.1.11.80 - 2019-08-20 (2019) ref (from repository: ch-palm-)

Id	2.16.756.5.30.1.1.11.80 ref ch-palm-	**Effective Date**	2019-08-20
Status	Final	**Version Label**	2019
Name	ActStatusActiveAbortedCompleted	**Display Name**	ActStatusActiveAbortedCompleted
Source Code System	2.16.840.1.113883.5.14 - *ActStatus - http://terminology.hl7.org/CodeSystem/v3-ActStatus*		

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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.5 ActStatusCompleted 2.16.840.1.113883.1.11.20025 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.20025 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ ActStatusCompletedDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323

Name	ActStatusCompleted	**Display Name**	ActStatusCompleted
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** An Act that has terminated normally after all of its constituents have been performed.		
Source Code System	2.16.840.1.113883.5.14 - *ActStatus - http://terminology.hl7.org/CodeSystem/v3-ActStatus*		

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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.6 ○ ActStatusCompleted 2.16.840.1.113883.1.11.20025 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.20025 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ ActStatusCompletedDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	ActStatusCompleted	**Display Name**	ActStatusCompleted
Description	**description:** An Act that has terminated normally after all of its constituents have been performed.		
Source Code System	2.16.840.1.113883.5.14 - *ActStatus - http://terminology.hl7.org/CodeSystem/v3-ActStatus*		

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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.7 ActStatusCompletedNullified 1.3.6.1.4.1.19376.1.3.11.3 - 2008-08-08 (2017) ref (from repository: XDLAB-)

Id	1.3.6.1.4.1.19376.1.3.11.3 ref XDLAB-	**Effective Date**	2008-08-08
Status	Final	**Version Label**	2017
Name	ActStatusCompletedNullified	**Display Name**	ActStatusCompletedNullified
Source Code System	2.16.840.1.113883.5.14 - *ActStatus - http://terminology.hl7.org/CodeSystem/v3-ActStatus*		

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. NullFlavor OTH (other) suggests text in originalText.

4.1.8 AdministrativeGender 2.16.840.1.113883.1.11.1 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.1 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ AdministrativeGenderDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	AdministrativeGender	**Display Name**	AdministrativeGender
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** The gender of a person used for adminstrative purposes (as opposed to clinical gender)		
Source Code System	2.16.840.1.113883.5.1 - *Administrative Gender - http://terminology.hl7.org/CodeSystem/v3-AdministrativeGender*		

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. NullFlavor OTH (other) suggests text in originalText.

4.1.9 AdministrativeGender 2.16.840.1.113883.1.11.1 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.1 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ AdministrativeGenderDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	AdministrativeGender	**Display Name**	AdministrativeGender
Description	**description:** The gender of a person used for adminstrative purposes (as opposed to clinical gender)		
Source Code System	2.16.840.1.113883.5.1 - *Administrative Gender - http://terminology.hl7.org/CodeSystem/v3-AdministrativeGender*		

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. NullFlavor OTH (other) suggests text in originalText.

4.1.10 ApplicationMediaType 2.16.840.1.113883.1.11.14832 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14832 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ApplicationMediaType	**Display Name**	ApplicationMediaType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Application specific media type.		
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
1-L	application/dicom	DICOM	Media Type
1-L	application/msword	MSWORD	Media Type
1-L	application/pdf	PDF	Media Type

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.11 AudioMediaType 2.16.840.1.113883.1.11.14835 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14835 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	AudioMediaType	**Display Name**	AudioMediaType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		

	description: Audio media type.
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.12 DocumentEntry.author.authorRole 2.16.756.5.30.1.127.3.10.1.1.3 - 2020-06-22 09:57:24 (201907.3-stable) ref (from repository: ch-epr-)

Id	2.16.756.5.30.1.127.3.10.1.1.3 ref ch-epr-	**Effective Date**	2020-06-22 09:57:24
Status	Final	**Version Label**	201907.3-stable
Name	DocumentEntry.author.authorRole	**Display Name**	DocumentEntry.author.authorRole
Description	Role of the author. This code defines the role of the author of the document. This is a sub-attribute of epd_xds_author.		
Source Code System	2.16.756.5.30.1.127.3.10.6 - *ch-ehealth-codesystem-role - urn:oid:2.16.756.5.30.1.127.3.10.6*		

Level/ Type	Code	Display Name	Code System	Designations
0-L	PAT	Patient	ch-ehealth-codesystem-role	
0-L	HCP	Healthcare professional	ch-ehealth-codesystem-role	
0-L	ASS	Assistant	ch-ehealth-codesystem-role	
0-L	REP	Representative	ch-ehealth-codesystem-role	

0-L	TCU	Technical user	ch-ehealth-codesystem-role

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.13 DocumentEntry.confidentialityCode 2.16.756.5.30.1.127.3.10.1.5 - 2020-04-23 11:44:04 (201907.3-stable) ref (from repository: ch-epr-)

Id	2.16.756.5.30.1.127.3.10.1.5 ref ch-epr-	**Effective Date**	2020-04-23 11:44:04 Other versions this id: ▪ DocumentEntry.confidentialityCode201907.2-stable - as of 2019-12-11 09:52:17 ref ch-epr- ▪ DocumentEntry.confidentialityCode201907.1-stable - as of 2019-11-03 14:35:14 ref ch-epr- ▪ DocumentEntry.confidentialityCode201907.0-stable - as of 2019-06-08 11:19:14 ref ch-epr- ▪ EprDocumentConfidentialityCode201704.3-beta - as of 2018-06-13 07:57:38 ref ch-epr- ▪ EprDocumentConfidentialityCode201704.2-beta - as of 2018-01-31 14:09:35 ref ch-epr- ▪ EprDocumentConfidentialityCode201704.1-beta - as of 2017-10-02 10:23:44 ref ch-epr- ▪ EprDocumentConfidentialityCode201704.0-stable - as of 2017-04-15 23:36:23 ref ch-epr-
Status	Final	**Version Label**	201907.3-stable
Name	DocumentEntry.confidentialityCode	**Display Name**	DocumentEntry.confidentialityCode

Description	Document confidentiality as per Annex; EPRO-FDHA.
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.
2 Source Code Systems	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms - http://snomed.info/sct* 2.16.756.5.30.1.127.3.4 - *SNOMED Clinical Terms Swiss Extension - urn:oid:2.16.756.5.30.1.127.3.4*

Level/ Type	Code	Display Name	Code System	Designations
0-L	17621005	Normal (qualifier value)	SNOMED Clinical Terms	Preferred: Normally accessible
0-L	263856008	Restricted (qualifier value)	SNOMED Clinical Terms	Preferred: Restricted accessible
0-L	1141000195107	Secret (qualifier value)	SNOMED Clinical Terms Swiss Extension	Preferred: Secret

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.14 DocumentEntry.languageCode 2.16.756.5.30.1.127.3.10.1.13 - 2020-04-06 15:11:22 (201907.3-stable) ref (from repository: ch-epr-)

Id	2.16.756.5.30.1.127.3.10.1.13 ref ch-epr-	**Effective Date**	2020-04-06 15:11:22
Status	Final	**Version Label**	201907.3-stable
Name	DocumentEntry.languageCode	**Display Name**	DocumentEntry.languageCode
Description	Document language as per Annex 3 EPRO-FDHA. Defines the language in which the document was written.		
2 Source Code Systems	2.16.840.1.113883.6.316 - *Tags for Identifying Languages - RFC5646 - urn:oid:2.16.840.1.113883.6.316* 2.16.756.5.30.1.127.3.10.12 - *ch-ehealth-codesystem-language - urn:oid:2.16.756.5.30.1.127.3.10.12*		

Level/ Type	Code	Display Name	Code System	Designations
0-L	ar	Arabic	Tags for Identifying Languages - RFC5646	Preferred: Arabic
0-L	bn	Bengali	Tags for Identifying Languages - RFC5646	Preferred: Bengali
0-L	cs	Czech	Tags for Identifying Languages - RFC5646	Preferred: Czech
0-L	da	Danish	Tags for Identifying Languages - RFC5646	Preferred: Danish

0-L	de	German	Tags for Identifying Languages - RFC5646	Preferred: German
0-L	de-AT	German (Austria)	Tags for Identifying Languages - RFC5646	Preferred: German (Austria)
0-L	de-CH	German (Switzerland)	Tags for Identifying Languages - RFC5646	Preferred: German (Switzerland)
0-L	de-DE	German (Germany)	Tags for Identifying Languages - RFC5646	Preferred: German (Germany)
0-L	el	Greek	Tags for Identifying Languages - RFC5646	Preferred: Greek
0-L	en	English	Tags for Identifying Languages - RFC5646	Preferred: English
0-L	en-AU	English (Australia)	Tags for Identifying Languages - RFC5646	Preferred: English (Australia)
0-L	en-CA	English (Canada)	Tags for Identifying Languages - RFC5646	Preferred: English (Canada)
0-L	en-GB	English (Great Britain)	Tags for Identifying Languages - RFC5646	Preferred: English (Great Britain)
0-L	en-IN	English (India)	Tags for Identifying Languages - RFC5646	Preferred: English (India)
0-L	en-NZ	English (New Zealand)	Tags for Identifying Languages - RFC5646	Preferred: English (New Zealand)
0-L	en-SG	English (Singapore)	Tags for Identifying Languages - RFC5646	Preferred: English (Singapore)
0-L	en-US	English (United States)	Tags for Identifying Languages - RFC5646	Preferred: English (United States)
0-L	es	Spanish	Tags for Identifying Languages - RFC5646	Preferred: Spanish
0-L	es-AR	Spanish (Argentina)	Tags for Identifying Languages - RFC5646	Preferred: Spanish (Argentina)
0-L	es-ES	Spanish (Spain)	Tags for Identifying Languages - RFC5646	Preferred: Spanish (Spain)
0-L	es-UY	Spanish (Uruguay)	Tags for Identifying Languages - RFC5646	Preferred: Spanish (Uruguay)
0-L	fi	Finnish	Tags for Identifying Languages - RFC5646	Preferred: Finnish
0-L	fr	French	Tags for Identifying Languages - RFC5646	Preferred: French
0-L	fr-BE	French (Belgium)	Tags for Identifying Languages - RFC5646	Preferred: French (Belgium)
0-L	fr-CH	French (Switzerland)	Tags for Identifying Languages - RFC5646	Preferred: French (Switzerland)
0-L	fr-FR	French (France)	Tags for Identifying Languages - RFC5646	Preferred: French (France)

0-L	fy	Frysian	Tags for Identifying Languages - RFC5646	Preferred: Frysian
0-L	fy-NL	Frysian (Netherlands)	Tags for Identifying Languages - RFC5646	Preferred: Frysian (Netherlands)
0-L	hi	Hindi	Tags for Identifying Languages - RFC5646	Preferred: Hindi
0-L	hr	Croatian	Tags for Identifying Languages - RFC5646	Preferred: Croatian
0-L	it	Italian	Tags for Identifying Languages - RFC5646	Preferred: Italian
0-L	it-CH	Italian (Switzerland)	Tags for Identifying Languages - RFC5646	Preferred: Italian (Switzerland)
0-L	it-IT	Italian (Italy)	Tags for Identifying Languages - RFC5646	Preferred: Italian (Italy)
0-L	ja	Japanese	Tags for Identifying Languages - RFC5646	Preferred: Japanese
0-L	ko	Korean	Tags for Identifying Languages - RFC5646	Preferred: Korean
0-L	nl	Dutch	Tags for Identifying Languages - RFC5646	Preferred: Dutch
0-L	nl-BE	Dutch (Belgium)	Tags for Identifying Languages - RFC5646	Preferred: Dutch (Belgium)
0-L	nl-NL	Dutch (Netherlands)	Tags for Identifying Languages - RFC5646	Preferred: Dutch (Netherlands)
0-L	no	Norwegian	Tags for Identifying Languages - RFC5646	Preferred: Norwegian
0-L	no-NO	Norwegian (Norway)	Tags for Identifying Languages - RFC5646	Preferred: Norwegian (Norway)
0-L	pa	Punjabi	Tags for Identifying Languages - RFC5646	Preferred: Punjabi
0-L	pl	Polish	Tags for Identifying Languages - RFC5646	Preferred: Polish
0-L	pt	Portuguese	Tags for Identifying Languages - RFC5646	Preferred: Portuguese
0-L	pt-BR	Portuguese (Brazil)	Tags for Identifying Languages - RFC5646	Preferred: Portuguese (Brazil)
0-L	rm	Romansh	Tags for Identifying Languages - RFC5646	Preferred: Romansh
0-L	ru	Russian	Tags for Identifying Languages - RFC5646	Preferred: Russian
0-L	ru-RU	Russian (Russia)	Tags for Identifying Languages - RFC5646	Preferred: Russian (Russia)
0-L	sr	Serbian	Tags for Identifying Languages - RFC5646	Preferred: Serbian

0-L	sr-RS	Serbian (Serbia)	Tags for Identifying Languages - RFC5646	Preferred: Serbian (Serbia)
0-L	sv	Swedish	Tags for Identifying Languages - RFC5646	Preferred: Swedish
0-L	sv-SE	Swedish (Sweden)	Tags for Identifying Languages - RFC5646	Preferred: Swedish (Sweden)
0-L	te	Telegu	Tags for Identifying Languages - RFC5646	Preferred: Telegu
0-L	zh	Chinese	Tags for Identifying Languages - RFC5646	Preferred: Chinese
0-L	zh-CN	Chinese (China)	Tags for Identifying Languages - RFC5646	Preferred: Chinese (China)
0-L	zh-HK	Chinese (Hong Kong)	Tags for Identifying Languages - RFC5646	Preferred: Chinese (Hong Kong)
0-L	zh-SG	Chinese (Singapore)	Tags for Identifying Languages - RFC5646	Preferred: Chinese (Singapore)
0-L	zh-TW	Chinese (Taiwan)	Tags for Identifying Languages - RFC5646	Preferred: Chinese (Taiwan)
0-L	OTHER	Other language	ch-ehealth-codesystem-language	Preferred: Other language

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.15 DocumentEntry.typeCode 2.16.756.5.30.1.127.3.10.1.27 - 2020-02-26 17:34:48 (201907.0-beta) ref (from repository: ch-epr-)

Id	2.16.756.5.30.1.127.3.10.1.27 ref ch-epr-	**Effective Date**	2020-02-26 17:34:48 Other versions this id: ▪ DocumentEntry.typeCode201907.2-stable - as of 2020-02-17 15:49:49 ref ch-epr- ▪ DocumentEntry.typeCode201907.1-stable - as of 2019-11-03 13:11:50 ref ch-epr- ▪ DocumentEntry.typeCode201907.0-stable - as of 2019-06-08 09:42:21 ref ch-epr- ▪ EprDocumentTypeCode201704.3-beta - as of 2018-06-13 08:18:20 ref ch-epr- ▪ EprDocumentTypeCode201704.2-beta - as of 2017-12-20 ref ch-epr-

			▪ EprDocumentTypeCode201704.1-beta - as of 2017-10-02 13:39:26 ref ch-epr- ▪ EprDocumentTypeCode201704.2-beta - as of 2017-10-02 11:32:13 ref ch-epr- ▪ EprDocumentTypeCode201704.1-beta - as of 2017-10-02 11:14:30 ref ch-epr- ▪ EprDocumentTypeCode201704.0-stable - as of 2017-06-12 17:44:36 ref ch-epr- ▪ EprDocumentTypeCode20170415 - as of 2017-04-16 12:09:12 ref ch-epr-
Status	Final	**Version Label**	201907.0-beta
Name	DocumentEntry.typeCode	**Display Name**	DocumentEntry.typeCode
Description	Type of document as per Annex 3 EPRO-FDHA. The code defines a document's type (e.g. discharge report, laboratory report). Each document type should be assigned to precisely one document class.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
2 Source Code Systems	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms - http://snomed.info/sct* 2.16.756.5.30.1.127.3.4 - *SNOMED Clinical Terms Swiss Extension - urn:oid:2.16.756.5.30.1.127.3.4*		

Level/ Type	Code	Display Name	Code System	Designations
0-L	371529009	History and physical report (record artifact)	SNOMED Clinical Terms	Preferred: History and physical report
0-L	419891008	Record artifact (record artifact)	SNOMED Clinical Terms	Preferred: Record artifact
0-L	721965002	Laboratory order (record artifact)	SNOMED Clinical Terms	Preferred: Laboratory Order
0-L	721966001	Pathology order (record artifact)	SNOMED Clinical Terms	Preferred: Pathology order
0-L	2161000195103	Imaging order (record articact)	SNOMED Clinical Terms Swiss Extension	Preferred: Imaging Order
0-L	4201000179104	Imaging report (record artifact)	SNOMED Clinical Terms	Preferred: Imaging report
0-L	737427001	Clinical management plan (record artifact)	SNOMED Clinical Terms	Preferred: Clinical management plan

0-L	765492005	Non-drug prescription record (record artifact)	SNOMED Clinical Terms	Preferred: Non-drug prescription
0-L	773130005	Nursing care plan (record artifact)	SNOMED Clinical Terms	Preferred: Nursing care plan
0-L	736055001	Rehabilitation care plan (record articact)	SNOMED Clinical Terms	Preferred: Rehabilitation care plan
0-L	761938008	Medicinal prescription record (record artifact)	SNOMED Clinical Terms	Preferred: Medicinal Prescription record
0-L	722446000	Allergy record (record artifact)	SNOMED Clinical Terms	Preferred: Allergy record
0-L	772786005	Medical certificate (record artifact)	SNOMED Clinical Terms	Preferred: Medical certificate
0-L	373942005	Discharge summary (record artifact)	SNOMED Clinical Terms	Preferred: Discharge summary
0-L	371535009	Transfer summary report (record artifact)	SNOMED Clinical Terms	Preferred: Transfer summary report
0-L	445300006	Emergency department record (record artifact)	SNOMED Clinical Terms	Preferred: Emergency department record
0-L	445418005	Professional allied to medicine clinical report (record artifact)	SNOMED Clinical Terms	Preferred: Professional allied to medicine clinical report
0-L	371530004	Clinical consultation report (record artifact)	SNOMED Clinical Terms	Preferred: Consultation report
0-L	4241000179101	Laboratory report (record artifact)	SNOMED Clinical Terms	Preferred: Laboratory report
0-L	371526002	Operative report (record artifact)	SNOMED Clinical Terms	Preferred: Operative report
0-L	371532007	Progress report (record artifact)	SNOMED Clinical Terms	Preferred: Progress note
0-L	787148009	Digital representation of specimen (record artifact)	SNOMED Clinical Terms	Preferred: Image
0-L	41000179103	Immunization record (record artifact)	SNOMED Clinical Terms	Preferred: Immunization record
0-L	371528001	Pathology report (record artifact)	SNOMED Clinical Terms	Preferred: Pathology report
0-L	721912009	Medication summary document (record artifact)	SNOMED Clinical Terms	Preferred: Medication summary document

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.16 DocumentEntry.typeCode 2.16.756.5.30.1.127.3.10.1.27 - 2020-02-17 15:49:49 (201907.2-stable) ref (from repository: ch-epr-)

Id	2.16.756.5.30.1.127.3.10.1.27 ref ch-epr-	**Effective Date**	2020-02-17 15:49:49 Other versions this id: ▪ DocumentEntry.typeCode201907.0-beta - as of 2020-02-26 17:34:48 ref ch-epr- ▪ DocumentEntry.typeCode201907.1-stable - as of 2019-11-03 13:11:50 ref ch-epr- ▪ DocumentEntry.typeCode201907.0-stable - as of 2019-06-08 09:42:21 ref ch-epr- ▪ EprDocumentTypeCode201704.3-beta - as of 2018-06-13 08:18:20 ref ch-epr- ▪ EprDocumentTypeCode201704.2-beta - as of 2017-12-20 ref ch-epr- ▪ EprDocumentTypeCode201704.1-beta - as of 2017-10-02 13:39:26 ref ch-epr- ▪ EprDocumentTypeCode201704.2-beta - as of 2017-10-02 11:32:13 ref ch-epr- ▪ EprDocumentTypeCode201704.1-beta - as of 2017-10-02 11:14:30 ref ch-epr- ▪ EprDocumentTypeCode201704.0-stable - as of 2017-06-12 17:44:36 ref ch-epr- ▪ EprDocumentTypeCode20170415 - as of 2017-04-16 12:09:12 ref ch-epr-
Status	Final	**Version Label**	201907.2-stable
Name	DocumentEntry.typeCode	**Display Name**	DocumentEntry.typeCode
Description	Type of document as per Annex 3 EPRO-FDHA. The code defines a document's type (e.g. discharge report, laboratory report). Each document type should be assigned to precisely one		

	document class.
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.
2 Source Code Systems	2.16.840.1.113883.6.96 - *SNOMED Clinical Terms - http://snomed.info/sct* 2.16.756.5.30.1.127.3.4 - *SNOMED Clinical Terms Swiss Extension - urn:oid:2.16.756.5.30.1.127.3.4*

Level/ Type	Code	Display Name	Code System	Designations
0-L	371529009	History and physical report (record artifact)	SNOMED Clinical Terms	Preferred: History and physical report
0-L	419891008	Record artifact (record artifact)	SNOMED Clinical Terms	Preferred: Record artifact
0-L	721965002	Laboratory order (record artifact)	SNOMED Clinical Terms	Preferred: Laboratory Order
0-L	721966001	Pathology order (record artifact)	SNOMED Clinical Terms	Preferred: Pathology order
0-L	2161000195103	Imaging order (record articact)	SNOMED Clinical Terms Swiss Extension	Preferred: Imaging Order
0-L	4201000179104	Imaging report (record artifact)	SNOMED Clinical Terms	Preferred: Imaging report
0-L	737427001	Clinical Management plan (record artifact)	SNOMED Clinical Terms	Preferred: Clinical Management plan
0-L	765492005	Non-drug prescription record (record artifact)	SNOMED Clinical Terms	Preferred: Non-drug prescription
0-L	773130005	Nursing care plan (record artifact)	SNOMED Clinical Terms	Preferred: Nursing care plan
0-L	736055001	Rehabilitation care plan (record articact)	SNOMED Clinical Terms	Preferred: Rehabilitation care plan
0-L	761938008	Medical Prescription record (record artifact)	SNOMED Clinical Terms	Preferred: Medical Prescription record
0-L	722446000	Allergy record (record artifact)	SNOMED Clinical Terms	Preferred: Allergy record
0-L	772786005	Medical certificate (record artifact)	SNOMED Clinical Terms	Preferred: Medical certificate
0-L	373942005	Discharge summary (record artifact)	SNOMED Clinical Terms	Preferred: Discharge summary
0-L	371535009	Transfer summary report (record artifact)	SNOMED Clinical Terms	Preferred: Transfer summary report
0-L	445300006	Emergency department record (record artifact)	SNOMED Clinical Terms	Preferred: Emergency department record

0-L	445418005	Professional allied to medicine clinical report (record artifact)	SNOMED Clinical Terms	Preferred: Professional allied to medicine clinical report
0-L	371530004	Clinical consultation report (record artifact)	SNOMED Clinical Terms	Preferred: Consultation report
0-L	4241000179101	Laboratory report (record artifact)	SNOMED Clinical Terms	Preferred: Laboratory report
0-L	371526002	Operative report (record artifact)	SNOMED Clinical Terms	Preferred: Operative report
0-L	371532007	Progress report (record artifact)	SNOMED Clinical Terms	Preferred: Progress note
0-L	900000000000471006	Image reference (foundation metadata concept)	SNOMED Clinical Terms	Preferred: Image
0-L	41000179103	Immunization record (record artifact)	SNOMED Clinical Terms	Preferred: Immunization record
0-L	371528001	Pathology report (record artifact)	SNOMED Clinical Terms	Preferred: Pathology report
0-L	721912009	Medication summary document (record artifact)	SNOMED Clinical Terms	Preferred: Medication summary document

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.17 HumanLanguage 2.16.840.1.113883.1.11.11526 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.11526 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ HumanLanguageDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	HumanLanguage	**Display Name**	HumanLanguage
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Codes for the representation of the names of human languages.		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
Tags for the Identification of Languages	2.16.840.1.113883.6.121	

4.1.18 HumanLanguage 2.16.840.1.113883.1.11.11526 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.11526 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ HumanLanguageDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	HumanLanguage	**Display Name**	HumanLanguage
Description	**description:** Codes for the representation of the names of human languages.		

A valid code from the code system:

Code System Name	Code System Id	Code System Version
Tags for the Identification of Languages	2.16.840.1.113883.6.121	

4.1.19 Multi-disciplinary Laboratory Report 1.3.6.1.4.1.19376.1.3.11.6 - 2016-06-28 20:13:09 (2017) ref (from repository: XDLAB-)

Id	1.3.6.1.4.1.19376.1.3.11.6 ref XDLAB-	**Effective Date**	2016-06-28 20:13:09
Status	Final	**Version Label**	2017
Name	IHEMultidisciplinaryLaboratoryReport	**Display Name**	Multi-disciplinary Laboratory Report
Source Code System	2.16.840.1.113883.6.1 - *Logical Observation Identifier Names and Codes - http://loinc.org*		

Level/ Type	Code	Display Name	Code System
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. NullFlavor OTH (other) suggests text in originalText.

4.1.20 ImageMediaType 2.16.840.1.113883.1.11.14839 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14839 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ImageMediaType	**Display Name**	ImageMediaType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Image media type.		
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.21 Laboratory Specialties 1.3.6.1.4.1.19376.1.3.11.1 - 2008-08-08 (2017) ref (from repository: XDLAB-)

Id	1.3.6.1.4.1.19376.1.3.11.1 ref XDLAB-	**Effective Date**	2008-08-08
Status	Final	**Version Label**	2017
Name	LaboratorySpecialties	**Display Name**	Laboratory Specialties

Description	Laboratory Specialties. Notes: ▪ Note 1:26436-6 (LABORATORY STUDIES) enables issuing a report putting together observations from multiple specialties (disciplines) in the same text block, allowing delivery of a global interpretation comment at the end of the text block that will be rendered at the end of the report. ▪ Note 2:18721-1 (THERAPEUTIC DRUG MONITORING STUDIES) will be used for a section carrying pharmacology observations on a patient. ▪ Note 3:Mycology and parasitology, as well as bacteriology, are part of the 18725-2 (MICROBIOLOGY STUDIES) specialty. ▪ Note 4:Virology MAY be included in 18725-2 (MICROBIOLOGY STUDIES) specialty or 18727-8 (SEROLOGY STUDIES) or split between both specialties, depending upon the Content Creator Actor's choice.
Source Code System	2.16.840.1.113883.6.1 - *Logical Observation Identifier Names and Codes - http://loinc.org*

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. NullFlavor OTH (other) suggests text in originalText.

4.1.22 ModelMediaType 2.16.840.1.113883.1.11.14848 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14848 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ModelMediaType	**Display Name**	ModelMediaType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Model media type.		
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
1-L	model/vrml	VRML Model	Media Type

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.23 Multimedia Embedded Media Types 1.3.6.1.4.1.19376.1.3.11.5 - 2008-08-08 (2017) ref (from repository: XDLAB-)

Id	1.3.6.1.4.1.19376.1.3.11.5 ref XDLAB-	**Effective Date**	2008-08-08
Status	Final	**Version Label**	2017
Name	MultimediaEmbeddedMediaTypes	**Display Name**	Multimedia Embedded Media Types
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*		

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. NullFlavor OTH (other) suggests text in originalText.

4.1.24 MultipartMediaType 2.16.840.1.113883.1.11.14850 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14850 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	MultipartMediaType	**Display Name**	MultipartMediaType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Multipart Media Type		
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System

1-L	multipart/x-hl7-cda-level-one	CDA Level 1 Multipart	Media Type

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.25 NullFlavor 2.16.840.1.113883.1.11.10609 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10609 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ NullFlavorDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	NullFlavor	**Display Name**	NullFlavor
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
Source Code System	2.16.840.1.113883.5.1008 - *Null Flavor - http://terminology.hl7.org/CodeSystem/v3-NullFlavor*		

Expand All | Collapse All

Level/ Type	Code		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. NullFlavor OTH (other) suggests text in originalText.

4.1.26 NullFlavor 2.16.840.1.113883.1.11.10609 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10609 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ NullFlavorDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	NullFlavor	**Display Name**	NullFlavor
Source Code System	2.16.840.1.113883.5.1008 - *Null Flavor - http://terminology.hl7.org/CodeSystem/v3-NullFlavor*		

Expand All | Collapse All

Level/ Type	Code		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-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. NullFlavor OTH (other) suggests text in originalText.

4.1.27 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2017-12-17 (DEFN=UV=VO=1402-20171217) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.78 ref ad2bbr-	**Effective Date**	2017-12-17 Other versions this id: ▪ ObservationInterpretationDEFN=UV=VO=1382-20161126 - as of 2016-11-26 ref ad2bbr- ▪ ObservationInterpretationDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-

			▪ ObservationInterpretationDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1402-20171217
Name	ObservationInterpretation	**Display Name**	ObservationInterpretation
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** One or more codes specifying a rough qualitative interpretation of the observation, such as "normal", "abnormal", "below normal", "change up", "resistant", "susceptible", etc. *Discussion:* These interpretation codes are sometimes called "abnormal flags", however, the judgment of normalcy is just one of the common rough interpretations, and is often not relevant. For example, the susceptibility interpretations are not about "normalcy", and for any observation of a pathologic condition, it does not make sense to state the normalcy, since pathologic conditions are never considered "normal."		
Source Code System	2.16.840.1.113883.5.83 - *Observation Interpretation - http://terminology.hl7.org/CodeSystem/v3-ObservationInterpretation*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
0-A	_GeneticObservationInterpretation	GeneticObservationInterpretation	Observation Interpretation
1-L	CAR	Carrier	Observation Interpretation
1-L	Carrier	Carrier	Observation Interpretation
0-A	_ObservationInterpretationChange	ObservationInterpretationChange	Observation Interpretation
1-L	B	Better	Observation Interpretation
1-L	D	Significant change down	Observation Interpretation
1-L	U	Significant change up	Observation Interpretation
1-L	W	Worse	Observation Interpretation
0-A	_ObservationInterpretationExceptions	ObservationInterpretationExceptions	Observation Interpretation

1-L	<	Off scale low	Observation Interpretation
1-L	>	Off scale high	Observation Interpretation
1-L	AC	Anti-complementary substances present	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	QCF	Quality control failure	Observation Interpretation
1-L	TOX	Cytotoxic substance present	Observation Interpretation
0-A	_ObservationInterpretationNormality	ObservationInterpretationNormality	Observation Interpretation
1-S	A	Abnormal	Observation Interpretation
2-S	AA	Critical abnormal	Observation Interpretation
3-L	HH	Critical high	Observation Interpretation
3-L	LL	Critical low	Observation Interpretation
2-S	H	High	Observation Interpretation
3-S	H>	Significantly high	Observation Interpretation
4-L	HH	Critical high	Observation Interpretation
3-S	HU	Significantly high	Observation Interpretation
4-L	HH	Critical high	Observation Interpretation
2-S	L	Low	Observation Interpretation
3-S	L<	Significantly low	Observation Interpretation
4-L	LL	Critical low	Observation Interpretation
3-S	LU	Significantly low	Observation Interpretation
4-L	LL	Critical low	Observation Interpretation
1-L	N	Normal	Observation Interpretation

0-A	_ObservationInterpretationSusceptibility	ObservationInterpretationSusceptibility	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	I	Intermediate	Observation Interpretation
1-L	MS	moderately susceptible	Observation Interpretation
1-L	NCL	No CLSI defined breakpoint	Observation Interpretation
1-L	NS	Non-susceptible	Observation Interpretation
1-S	R	Resistant	Observation Interpretation
2-L	SYN-R	Synergy - resistant	Observation Interpretation
1-S	S	Susceptible	Observation Interpretation
2-L	SDD	Susceptible-dose dependent	Observation Interpretation
2-L	SYN-S	Synergy - susceptible	Observation Interpretation
1-L	VS	very susceptible	Observation Interpretation
0-S	EX	outside threshold	Observation Interpretation
1-L	HX	above high threshold	Observation Interpretation
1-L	LX	below low threshold	Observation Interpretation
0-L	HM	Hold for Medical Review	Observation Interpretation
0-A	ObservationInterpretationDetection	ObservationInterpretationDetection	Observation Interpretation
1-S	IND	Indeterminate	Observation Interpretation
2-L	E	Equivocal	Observation Interpretation
1-S	NEG	Negative	Observation Interpretation
2-L	ND	Not detected	Observation Interpretation
1-S	POS	Positive	Observation Interpretation

2-L	DET	Detected	Observation Interpretation
0-A	ObservationInterpretationExpectation	ObservationInterpretationExpectation	Observation Interpretation
1-L	EXP	Expected	Observation Interpretation
1-L	UNE	Unexpected	Observation Interpretation
0-L	OBX	Interpretation qualifiers in separate OBX segments	Observation Interpretation
0-A	ReactivityObservationInterpretation	ReactivityObservationInterpretation	Observation Interpretation
1-L	NR	Non-reactive	Observation Interpretation
1-S	RR	Reactive	Observation Interpretation
2-L	WR	Weakly reactive	Observation Interpretation

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.28 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2016-11-26 (DEFN=UV=VO=1382-20161126) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.78 ref ad2bbr-	**Effective Date**	2016-11-26 Other versions this id: ▪ ObservationInterpretationDEFN=UV=VO=1402-20171217 - as of 2017-12-17 ref ad2bbr- ▪ ObservationInterpretationDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr- ▪ ObservationInterpretationDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1382-20161126
Name	ObservationInterpretation	**Display Name**	ObservationInterpretation
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:**		

	One or more codes specifying a rough qualitative interpretation of the observation, such as "normal", "abnormal", "below normal", "change up", "resistant", "susceptible", etc. *Discussion:* These interpretation codes are sometimes called "abnormal flags", however, the judgment of normalcy is just one of the common rough interpretations, and is often not relevant. For example, the susceptibility interpretations are not about "normalcy", and for any observation of a pathologic condition, it does not make sense to state the normalcy, since pathologic conditions are never considered "normal."
Source Code System	2.16.840.1.113883.5.83 - *Observation Interpretation - http://terminology.hl7.org/CodeSystem/v3-ObservationInterpretation*

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
0-A	_GeneticObservationInterpretation	GeneticObservationInterpretation	Observation Interpretation
1-L	CAR	Carrier	Observation Interpretation
1-L	Carrier	Carrier	Observation Interpretation
0-A	_ObservationInterpretationChange	ObservationInterpretationChange	Observation Interpretation
1-L	B	Better	Observation Interpretation
1-L	D	Significant change down	Observation Interpretation
1-L	U	Significant change up	Observation Interpretation
1-L	W	Worse	Observation Interpretation
0-A	_ObservationInterpretationExceptions	ObservationInterpretationExceptions	Observation Interpretation
1-L	<	Off scale low	Observation Interpretation
1-L	>	Off scale high	Observation Interpretation
1-L	AC	Anti-complementary substances present	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	QCF	Quality control failure	Observation Interpretation
1-L	TOX	Cytotoxic substance present	Observation Interpretation

0-A	_ObservationInterpretationNormality	ObservationInterpretationNormality	Observation Interpretation
1-S	A	Abnormal	Observation Interpretation
2-S	AA	Critical abnormal	Observation Interpretation
3-L	HH	Critical high	Observation Interpretation
3-L	LL	Critical low	Observation Interpretation
2-S	H	High	Observation Interpretation
3-S	H>	Significantly high	Observation Interpretation
4-L	HH	Critical high	Observation Interpretation
3-S	HU	Significantly high	Observation Interpretation
4-L	HH	Critical high	Observation Interpretation
2-S	L	Low	Observation Interpretation
3-S	L<	Significantly low	Observation Interpretation
4-L	LL	Critical low	Observation Interpretation
3-S	LU	Significantly low	Observation Interpretation
4-L	LL	Critical low	Observation Interpretation
1-L	N	Normal	Observation Interpretation
0-A	_ObservationInterpretationSusceptibility	ObservationInterpretationSusceptibility	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	I	Intermediate	Observation Interpretation
1-L	MS	moderately susceptible	Observation Interpretation
1-L	NS	Non-susceptible	Observation Interpretation
1-S	R	Resistant	Observation Interpretation

2-L	SYN-R	Synergy - resistant	Observation Interpretation
1-S	S	Susceptible	Observation Interpretation
2-L	SDD	Susceptible-dose dependent	Observation Interpretation
2-L	SYN-S	Synergy - susceptible	Observation Interpretation
1-L	VS	very susceptible	Observation Interpretation
0-S	EX	outside threshold	Observation Interpretation
1-L	HX	above high threshold	Observation Interpretation
1-L	LX	below low threshold	Observation Interpretation
0-L	HM	Hold for Medical Review	Observation Interpretation
0-A	ObservationInterpretationDetection	ObservationInterpretationDetection	Observation Interpretation
1-S	IND	Indeterminate	Observation Interpretation
2-L	E	Equivocal	Observation Interpretation
1-S	NEG	Negative	Observation Interpretation
2-L	ND	Not detected	Observation Interpretation
1-S	POS	Positive	Observation Interpretation
2-L	DET	Detected	Observation Interpretation
0-A	ObservationInterpretationExpectation	ObservationInterpretationExpectation	Observation Interpretation
1-L	EXP	Expected	Observation Interpretation
1-L	UNE	Unexpected	Observation Interpretation
0-L	OBX	Interpretation qualifiers in separate OBX segments	Observation Interpretation
0-A	ReactivityObservationInterpretation	ReactivityObservationInterpretation	Observation Interpretation
1-L	NR	Non-reactive	Observation Interpretation

1-S	RR	Reactive	Observation Interpretation
2-L	WR	Weakly reactive	Observation Interpretation

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.29 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.78 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ ObservationInterpretationDEFN=UV=VO=1402-20171217 - as of 2017-12-17 ref ad2bbr- ▪ ObservationInterpretationDEFN=UV=VO=1382-20161126 - as of 2016-11-26 ref ad2bbr- ▪ ObservationInterpretationDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ObservationInterpretation	**Display Name**	ObservationInterpretation
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** One or more codes specifying a rough qualitative interpretation of the observation, such as "normal", "abnormal", "below normal", "change up", "resistant", "susceptible", etc. *Discussion:* These interpretation codes are sometimes called "abnormal flags", however, the judgment of normalcy is just one of the common rough interpretations, and is often not relevant. For example, the susceptibility interpretations are not about "normalcy", and for any observation of a pathologic condition, it does not make sense to state the normalcy, since pathologic conditions are never considered "normal."		
Source Code System	2.16.840.1.113883.5.83 - *Observation Interpretation - http://terminology.hl7.org/CodeSystem/v3-ObservationInterpretation*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System

0-A	_GeneticObservationInterpretation	GeneticObservationInterpretation	Observation Interpretation
1-L	CAR	Carrier	Observation Interpretation
1-L	Carrier	Carrier	Observation Interpretation
0-A	_ObservationInterpretationChange	ObservationInterpretationChange	Observation Interpretation
1-L	B	Better	Observation Interpretation
1-L	D	Significant change down	Observation Interpretation
1-L	U	Significant change up	Observation Interpretation
1-L	W	Worse	Observation Interpretation
0-A	_ObservationInterpretationExceptions	ObservationInterpretationExceptions	Observation Interpretation
1-L	<	Off scale low	Observation Interpretation
1-L	>	Off scale high	Observation Interpretation
1-L	AC	Anti-complementary substances present	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	QCF	Quality control failure	Observation Interpretation
1-L	TOX	Cytotoxic substance present	Observation Interpretation
0-A	_ObservationInterpretationNormality	ObservationInterpretationNormality	Observation Interpretation
1-S	A	Abnormal	Observation Interpretation
2-S	AA	Critical abnormal	Observation Interpretation
3-L	HH	Critical high	Observation Interpretation
3-L	LL	Critical low	Observation Interpretation
2-S	H	High	Observation Interpretation
3-S	H>	Significantly high	Observation Interpretation

4-L	HH	Critical high	Observation Interpretation
3-S	HU	Significantly high	Observation Interpretation
4-L	HH	Critical high	Observation Interpretation
2-S	L	Low	Observation Interpretation
3-S	L<	Significantly low	Observation Interpretation
4-L	LL	Critical low	Observation Interpretation
3-S	LU	Significantly low	Observation Interpretation
4-L	LL	Critical low	Observation Interpretation
1-L	N	Normal	Observation Interpretation
0-A	_ObservationInterpretationSusceptibility	ObservationInterpretationSusceptibility	Observation Interpretation
1-L	IE	Insufficient evidence	Observation Interpretation
1-L	I	Intermediate	Observation Interpretation
1-L	MS	moderately susceptible	Observation Interpretation
1-L	NS	Non-susceptible	Observation Interpretation
1-S	R	Resistant	Observation Interpretation
2-L	SYN-R	Synergy - resistant	Observation Interpretation
1-S	S	Susceptible	Observation Interpretation
2-L	SDD	Susceptible-dose dependent	Observation Interpretation
2-L	SYN-S	Synergy - susceptible	Observation Interpretation
1-L	VS	very susceptible	Observation Interpretation
0-S	EX	outside threshold	Observation Interpretation
1-L	HX	above high threshold	Observation Interpretation

1-L	LX	below low threshold	Observation Interpretation
0-A	ObservationInterpretationDetection	ObservationInterpretationDetection	Observation Interpretation
1-S	IND	Indeterminate	Observation Interpretation
2-L	E	Equivocal	Observation Interpretation
1-S	NEG	Negative	Observation Interpretation
2-L	ND	Not detected	Observation Interpretation
1-S	POS	Positive	Observation Interpretation
2-L	DET	Detected	Observation Interpretation
0-A	ObservationInterpretationExpectation	ObservationInterpretationExpectation	Observation Interpretation
1-L	EXP	Expected	Observation Interpretation
1-L	UNE	Unexpected	Observation Interpretation
0-A	ReactivityObservationInterpretation	ReactivityObservationInterpretation	Observation Interpretation
1-L	NR	Non-reactive	Observation Interpretation
1-S	RR	Reactive	Observation Interpretation
2-L	WR	Weakly reactive	Observation Interpretation

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.30 ObservationInterpretation 2.16.840.1.113883.1.11.78 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.78 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ ObservationInterpretationDEFN=UV=VO=1402-20171217 - as of 2017-12-17 ref ad2bbr-

			▪ ObservationInterpretationDEFN=UV=VO=1382-20161126 - as of 2016-11-26 ref ad2bbr- ▪ ObservationInterpretationDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	ObservationInterpretation	**Display Name**	ObservationInterpretation
Description	**description:** One or more codes specifying a rough qualitative interpretation of the observation, such as "normal", "abnormal", "below normal", "change up", "resistant", "susceptible", etc. *Discussion:* These interpretation codes are sometimes called "abnormal flags", however, the judgment of normalcy is just one of the common rough interpretations, and is often not relevant. For example, the susceptibility interpretations are not about "normalcy", and for any observation of a pathologic condition, it does not make sense to state the normalcy, since pathologic conditions are never considered "normal."		
Source Code System	2.16.840.1.113883.5.83 - *Observation Interpretation - http://terminology.hl7.org/CodeSystem/v3-ObservationInterpretation*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
0-A	_GeneticObservationInterpretation	GeneticObservationInterpretation	Observation Interpretation
1-L	Carrier	Carrier	Observation Interpretation
0-A	_ObservationInterpretationChange	ObservationInterpretationChange	Observation Interpretation
1-L	B	better	Observation Interpretation
1-L	D	decreased	Observation Interpretation
1-L	U	increased	Observation Interpretation
1-L	W	worse	Observation Interpretation
0-A	_ObservationInterpretationExceptions	ObservationInterpretationExceptions	Observation Interpretation
1-L	<	low off scale	Observation Interpretation

1-L	>	high off scale	Observation Interpretation
0-A	_ObservationInterpretationNormality	ObservationInterpretationNormality	Observation Interpretation
1-S	A	Abnormal	Observation Interpretation
2-S	AA	Abnormal alert	Observation Interpretation
3-L	HH	High alert	Observation Interpretation
3-L	LL	Low alert	Observation Interpretation
2-S	H	High	Observation Interpretation
3-L	HH	High alert	Observation Interpretation
2-S	L	Low	Observation Interpretation
3-L	LL	Low alert	Observation Interpretation
1-L	N	Normal	Observation Interpretation
0-A	_ObservationInterpretationSusceptibility	ObservationInterpretationSusceptibility	Observation Interpretation
1-L	I	intermediate	Observation Interpretation
1-L	MS	moderately susceptible	Observation Interpretation
1-L	R	resistent	Observation Interpretation
1-L	S	susceptible	Observation Interpretation
1-L	VS	very susceptible	Observation Interpretation
0-S	EX	outside threshold	Observation Interpretation
1-L	HX	above high threshold	Observation Interpretation
1-L	LX	below low threshold	Observation Interpretation
0-A	ObservationInterpretationDetection	ObservationInterpretationDetection	Observation Interpretation
1-L	IND	Indeterminate	Observation Interpretation

1-L	NEG	Negative	Observation Interpretation
1-L	POS	Positive	Observation Interpretation

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.31 ObservationMethod 2.16.840.1.113883.1.11.14079 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14079 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ ObservationMethodDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ObservationMethod	**Display Name**	ObservationMethod
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** A code that provides additional detail about the means or technique used to ascertain the observation. *Examples:* Blood pressure measurement method: arterial puncture vs. sphygmomanometer (Riva-Rocci), sitting vs. supine position, etc. *Constraints:* 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. 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.		
Source Code System	2.16.840.1.113883.5.84 - *Observation Method - http://terminology.hl7.org/CodeSystem/v3-ObservationMethod*		

Expand All | Collapse All

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	Immunoelectrophoresis	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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.32 ObservationMethod 2.16.840.1.113883.1.11.14079 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14079 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ ObservationMethodDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726

Name	ObservationMethod	**Display Name**	ObservationMethod
Description	**description:** A code that provides additional detail about the means or technique used to ascertain the observation. *Examples:* Blood pressure measurement method: arterial puncture vs. sphygmomanometer (Riva-Rocci), sitting vs. supine position, etc. *Constraints:* 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. 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.		
Source Code System	2.16.840.1.113883.5.84 - *Observation Method - http://terminology.hl7.org/CodeSystem/v3-ObservationMethod*		

Expand All | Collapse All

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	Immunoelectrophoresis	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	0127	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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.33 ParticipationFunction 2.16.840.1.113883.1.11.10267 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10267 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ParticipationFunction	**Display Name**	ParticipationFunction
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** 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).		
Source Code System	2.16.840.1.113883.5.88 - *Participation Function - http://terminology.hl7.org/CodeSystem/v3-ParticipationFunction*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
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	_OverriderParticipationFunction	OverriderParticipationFunction	Participation Function
2-L	AUCOV	consent overrider	Participation Function
2-L	AUEMROV	emergency overrider	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	SUBCTRT	subcontracting risk	Participation Function
2-L	UNDERWRTNG	underwriting	Participation Function
0-L	ADMPHYS	admitting physician	Participation Function
0-L	ANEST	anesthesist	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. NullFlavor OTH (other) suggests text in originalText.

4.1.34 ParticipationSignature 2.16.840.1.113883.1.11.10282 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10282 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ ParticipationSignatureDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	ParticipationSignature	**Display Name**	ParticipationSignature
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** A code specifying whether and how the participant has attested his participation through a signature and or whether such a signature is needed. *Examples:* A surgical Procedure act object (representing a procedure report) requires a signature of the performing and responsible surgeon, and possibly other participants. (See also: Participation.signatureText.)		
Source Code System	2.16.840.1.113883.5.89 - *Participation Signature - http://terminology.hl7.org/CodeSystem/v3-ParticipationSignature*		

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. NullFlavor OTH (other) suggests text in originalText.

4.1.35 ParticipationSignature 2.16.840.1.113883.1.11.10282 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.10282 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ ParticipationSignatureDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	ParticipationSignature	**Display Name**	ParticipationSignature
Description	**description:** A code specifying whether and how the participant has attested his participation through a signature and or whether such a signature is needed. *Examples:* A surgical Procedure act object (representing a procedure report) requires a signature of the performing and responsible surgeon, and possibly other participants. (See also: Participation.signatureText.)		
Source Code System	2.16.840.1.113883.5.89 - *Participation Signature - http://terminology.hl7.org/CodeSystem/v3-ParticipationSignature*		

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. NullFlavor OTH (other) suggests text in originalText.

4.1.36 Pregnancy Observation Codes 2.16.756.5.30.1.1.11.78 - 2018-04-19 (2018) ref (from repository: ch-pcc-)

Id	2.16.756.5.30.1.1.11.78 ref ch-pcc-	**Effective Date**	2018-04-19
Status	Final	**Version Label**	2018
Name	PregnancyObservationCodes	**Display Name**	Pregnancy Observation Codes

Source Code System	2.16.840.1.113883.6.1 - *Logical Observation Identifier Names and Codes - http://loinc.org*

Level/ Type	Code	Display Name	Code System
0-L	11636-8	BIRTHS LIVE (REPORTED)	Logical Observation Identifier Names and Codes
0-L	11637-6	BIRTHS PRETERM (REPORTED)	Logical Observation Identifier Names and Codes
0-L	11638-4	BIRTHS STILL LIVING (REPORTED)	Logical Observation Identifier Names and Codes
0-L	11639-2	BIRTHS TERM (REPORTED)	Logical Observation Identifier Names and Codes
0-L	11640-0	BIRTHS TOTAL (REPORTED)	Logical Observation Identifier Names and Codes
0-L	11612-9	ABORTIONS(REPORTED)	Logical Observation Identifier Names and Codes
0-L	11613-7	ABORTIONSINDUCED (REPORTED)	Logical Observation Identifier Names and Codes
0-L	11614-5	ABORTIONSSPONTANEOUS(REPORTED)	Logical Observation Identifier Names and Codes
0-L	33065-4	ECTOPIC PREGNANCY(REPORTED)	Logical Observation Identifier Names and Codes
0-L	57062-2	Births.stillborn	Logical Observation Identifier Names and Codes
0-L	11996-6	Pregnancies	Logical Observation Identifier Names and Codes
0-L	11639-2	Births.Term	Logical Observation Identifier Names and Codes
0-L	11637-6	Births.Preterm	Logical Observation Identifier Names and Codes
0-L	45371-2	Multiple pregnancy	Logical Observation Identifier Names and Codes
0-L	49051-6	Gestational age	Logical Observation Identifier Names and Codes
0-L	11887-7	FETUS, GESTATIONAL AGE (ESTIMATED FROM SELECTED DELIVERY DATE)	Logical Observation Identifier Names and Codes
0-L	32396-4	Labor duration	Logical Observation Identifier Names and Codes
0-L	8339-4	Body weight at birth	Logical Observation Identifier Names and Codes
0-L	29300-1	Procedure9	Logical Observation Identifier Names and Codes
0-L	8722-1	Surgical operation note anesthesia	Logical Observation Identifier Names and Codes

0-L	52829-9	Place of service	Logical Observation Identifier Names and Codes
0-L	42839-1	Labor risk	Logical Observation Identifier Names and Codes
0-L	42840-9	Delivery risk	Logical Observation Identifier Names and Codes
0-L	11449-6	PREGNANCYSTATUS	Logical Observation Identifier Names and Codes
0-L	8678-5	MENSTRUAL STATUS	Logical Observation Identifier Names and Codes
0-L	8665-2	DATE LAST MENSTRUAL PERIOD	Logical Observation Identifier Names and Codes
0-L	11778-8	DELIVERY DATE (CLINICAL ESTIMATE)	Logical Observation Identifier Names and Codes
0-L	11779-6	DELIVERY DATE (ESTIMATED FROM LAST MENSTRUAL PERIOD)	Logical Observation Identifier Names and Codes
0-L	11780-4	DELIVERY DATE (ESTIMATED FROM OVULATION DATE)	Logical Observation Identifier Names and Codes
0-L	11884-4	FETUS, GESTATIONAL AGE (CLINICAL ESTIMATE)	Logical Observation Identifier Names and Codes
0-L	11885-1	FETUS, GESTATIONAL AGE (ESTIMATED FROM LAST MENSTRUAL PERIOD)	Logical Observation Identifier Names and Codes
0-L	11886-9	FETUS, GESTATIONAL AGE (ESTIMATED FROM OVULATION DATE)	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. NullFlavor OTH (other) suggests text in originalText.

4.1.37 TextMediaType 2.16.840.1.113883.1.11.14825 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14825 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	TextMediaType	**Display Name**	TextMediaType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** For any text		
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System
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

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.38 ○ VideoMediaType 2.16.840.1.113883.1.11.14845 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.14845 ref ad2bbr-	**Effective Date**	2014-03-26
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	VideoMediaType	**Display Name**	VideoMediaType
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Video media type.		
Source Code System	2.16.840.1.113883.5.79 - *Media Type - urn:oid:2.16.840.1.113883.5.79*		

Expand All | Collapse All

Level/ Type	Code	Display Name	Code System

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. NullFlavor OTH (other) suggests text in originalText.

4.1.39 Vital Signs Observation 2.16.756.5.30.1.1.11.5 - 2018-04-19 (2018) ref (from repository: ch-pcc-)

Id	2.16.756.5.30.1.1.11.5 ref ch-pcc-	**Effective Date**	2018-04-19
Status	Final	**Version Label**	2018
Name	VitalSignsObservation	**Display Name**	Vital Signs Observation
Description	*(de-CH)* IHE PCC TF VOL2 6.3.4.22.2		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.1 - *Logical Observation Identifier Names and Codes - http://loinc.org*		

Level/ Type	Code	Display Name	Code System	Description
0-L	2710-2	Oxygen saturation (deprecated)	Logical Observation Identifier Names and Codes	
0-L	59408-5	Oxygen saturation in Arterial blood by Pulse oximetry	Logical Observation Identifier Names and Codes	
0-L	3141-9	Body weight Measured	Logical Observation Identifier Names and Codes	
0-L	8287-5	Head Occipital-frontal circumference by Tape measure	Logical Observation Identifier Names and Codes	
0-L	8302-2	Body height	Logical Observation Identifier Names and Codes	
0-L	8306-3	Body height --lying	Logical Observation Identifier Names and Codes	
0-L	8310-5	Body temperature	Logical Observation Identifier Names and Codes	
0-L	8462-4	Diastolic blood pressure	Logical Observation Identifier Names and Codes	
0-L	8480-6	Systolic blood pressure	Logical Observation Identifier Names and Codes	

0-L	8867-4	Heart rate	Logical Observation Identifier Names and Codes
0-L	9279-1	Respiratory rate	Logical Observation Identifier Names and Codes
0-L	19996-8	Oxygen/Inspired gas Respiratory system --on ventilator	Logical Observation Identifier Names and Codes
0-L	19994-3	Oxygen/Inspired gas setting	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. NullFlavor OTH (other) suggests text in originalText.

4.1.40 x_InformationRecipient 2.16.840.1.113883.1.11.19366 - 2014-03-26 (DEFN=UV=VO=1360-20160323) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19366 ref ad2bbr-	**Effective Date**	2014-03-26 Other versions this id: ▪ x_InformationRecipientDEFN=UV=VO=1099-20110726 - as of 2011-07-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1360-20160323
Name	x_InformationRecipient	**Display Name**	x_InformationRecipient
Description	**History description 2014-03-26:** Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 **description:** Used to represent participant(s) who should receive a copy of a document.		
Source Code System	2.16.840.1.113883.5.90 - *ParticipationType - http://terminology.hl7.org/CodeSystem/v3-ParticipationType*		

Level/ Type	Code	Display Name	Code System
0-L	PRCP	primary information recipient	ParticipationType
0-L	TRC	tracker	ParticipationType

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

4.1.41 x_InformationRecipient 2.16.840.1.113883.1.11.19366 - 2011-07-26 (DEFN=UV=VO=1099-20110726) ref (from repository: ad2bbr-)

Id	2.16.840.1.113883.1.11.19366 ref ad2bbr-	**Effective Date**	2011-07-26 Other versions this id: ▪ x_InformationRecipientDEFN=UV=VO=1360-20160323 - as of 2014-03-26 ref ad2bbr-
Status	Final	**Version Label**	DEFN=UV=VO=1099-20110726
Name	x_InformationRecipient	**Display Name**	x_InformationRecipient
Description	**description:** Used to represent participant(s) who should receive a copy of a document.		
Source Code System	2.16.840.1.113883.5.90 - *ParticipationType - http://terminology.hl7.org/CodeSystem/v3-ParticipationType*		

Level/ Type	Code	Display Name	Code System
0-L	PRCP	primary information recipient	ParticipationType
0-L	TRC	tracker	ParticipationType

Legenda: Type L=leaf, S=specializable, A=abstract, D=deprecated. NullFlavors to appear in @nullFlavor attribute instead of @code. NullFlavor OTH (other) suggests text in originalText.

5 Templates

5.1 Templates with direct association to a transaction

5.1.1 General Laboratory Report 2.16.756.5.30.1.1.10.1.10 - 2020-06-26 (2020)

Direction	Underlying Model	Template name	Schematron
→ initial	ClinicalDocument	GeneralReport	cdachlrep-GeneralReport.sch

Id	2.16.756.5.30.1.1.10.1.10	**Effective Date**	2020-06-26 Other versions this id: ▪ CDA-CH-LREP-GR-V1 as of 2018-04-19
Status	Active	**Version Label**	2020
Name	CDA-CH-LREP-GR-V14	**Display Name**	General Laboratory Report
Description	Swiss Laboratory Report - General Report		
Context	Pathname /		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 0 transactions and 0 templates, Uses 29 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.25	Include	Document Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.18	Include	Document Template Ids CDA-CH v2.0 - structuredBody (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.55	Include	Document Template Ids CDA-CH-LREP V1 (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.23	Include	Document Id (2017)	DYNAMIC

2.16.756.5.30.1.1.10.2.56	Include	Document Code (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.62	Include	Document Title (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include	Document Confidentiality Code (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.22	Include	Document Language (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.20	Include	Document Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.58	Include	Human Patient - recordTarget (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.26	Include	Non-Human Subject - recordTarget (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.27	Include	Human Patient with Non-Human Subject - recordTarget (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.59	Include	Author (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.7	Include	Data Enterer (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.60	Include	Custodian (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.57	Include	Recipient (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.61	Include	Legal Authenticator (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.88	Include	Laboratory Results Validator - authenticator (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include	Order Reference - inFulfillmentOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.28	Include	Laboratory Performer - documentationOf (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.15	Include	Insurance - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.13	Include	Document Replacement - relatedDocument (2020)	DYNAMIC
2.16.756.5.30.1.1.10.3.77	Containment	Laboratory Speciality Section - coded (2020)	DYNAMIC
2.16.756.5.30.1.1.10.3.4	Containment	Vital Signs Section - coded (2016)	DYNAMIC

	2.16.756.5.30.1.1.10.3.46	Containment	Other Relevant Observations Section - coded (2020)	DYNAMIC
	2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	DYNAMIC
	2.16.756.5.30.1.1.10.3.45	Containment	Original Representation Section - coded (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.1.14 *CDA-CH v2.0 - structuredBody enhanced* (DYNAMIC) ref hl7chcda-

Specialization: template 2.16.756.5.30.1.1.10.1.9 *CDA-CH v2.1 - structuredBody* (DYNAMIC) ref hl7chcda-

Specialization: template 2.16.840.1.113883.10.12.2 *CDA ClinicalDocument (with StructuredBody)* (2005-09-07) ref ad1bbr-

Example

Example

```
<!-- See https://svn.code.sf.net/p/hl7ch/code/trunk/projects/eHealthSuisse/eLaborbefund/v1.0/ for examples -->
```

XML overview

XML overview

Scenario	Transaction	Transaction	
CDA-CH-LREP 2018	Content 2018	CDA-CH-LREP - General Laboratory Report 2018	HTML (Transaction) HTML (Data Set) XML

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:ClinicalDocument		**1 .. 1**	**M**	Swiss Laboratory Report - General Report Conformity rules that are not further modelled in ART-DECOR: ▪ **XML encoding** UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?>	(CDA-V14)

Item	DT	Card	Conf	Description	Label
				▪ **Phone numbers** Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telephone number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	
Included		**1 ... 1**	**M**	from 2.16.756.5.30.1.1.10.2.25 *Document Realm* (DYNAMIC)	
hl7:realmCode	**CS**	**1 ... 1**	**M**	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
@code	CONF	**1 ... 1**	**F**	CHE	
hl7:typeId	**II**	**1 ... 1**	**M**		(CDA... V14)
@root	uid	**1 ... 1**	F	2.16.840.1.113883.1.3	
@extension	st	**1 ... 1**	F	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.10.2.18 *Document Template Ids CDA-CH v2.0 - structuredBody* (DYNAMIC)	
hl7:templateId	**II**	**0 ... 1**		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.1.1.4	
hl7:templateId	**II**	**1 ... 1**	**M**	CDA-CH v2.0 structuredBody	CDA-CH V2

Item	DT	Card	Conf	Description	Label
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.1.9	
hl7:templateId	**II**	**1 .. 1**	**M**	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
@root	uid	**1 .. 1**	F	2.16.840.1.113883.10.12.2	
hl7:templateId	**II**	**1 .. 1**	**M**	HL7 CDA R2 (2005).	CDA-CH V2
@root	uid	**1 .. 1**	F	2.16.840.1.113883.10.12.1	
Included				from 2.16.756.5.30.1.1.10.2.55 *Document Template Ids CDA-CH-LREP V1* (DYNAMIC)	
hl7:templateId	**II**	**0 .. 1**		CDA-CH-LREP / Laboratory Reports V1 specification. This is an informational reference, only.	CDA-... LREP
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.1.1.3.9.1	
hl7:templateId	**II**	**1 .. 1**	**M**	Exchange format according to the Swiss EPR	CDA-... LREP
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.127.1.4	
hl7:templateId	**II**	**1 .. 1**	**M**	Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision Revision 8.0 - June 21, 2017.	CDA-... LREP
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.3.3	
hl7:templateId	**II**	**1 .. 1**	**M**	CDA-CH-LREP / Laboratory Reports V1 ART-DECOR model for General Report.	(CDA... V14)
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.1.10	
Included		**1 .. 1**	**M**	from 2.16.756.5.30.1.1.10.2.23 *Document Id* (DYNAMIC)	
hl7:id	**II**	**1 .. 1**	**M**	A unique identifier for each CDA document instance.	CDA-CH V2
@root	uid	**1 .. 1**	R	The document's id as Globally Unique Identifier (GUID).	

Item	DT	Card	Conf	Description	Label
@extension	st	0	NP	NP/not present	
Included		**1 .. 1**	**M**	from 2.16.756.5.30.1.1.10.2.56 *Document Code* (DYNAMIC)	
hl7:code	**CE**	**1 .. 1**	**M**	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. ▪ 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'	IHE PaI TF3 Rev.10, 6.3.2.5
@code	cs	**1 .. 1**	R	The exact value of @code MUST either read '11502-2' or taken from the value-set 'Laboratory Specialties'.	
@codeSystem	oid	**1 .. 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 .. 1**	F	LOINC	
@displayName	st	**1 .. 1**	R	The exact value of @displayName MUST either read 'LABORATORY REPORT.TOTAL' or taken from the value set 'Laboratory Specialties'.	
	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)			
hl7:translation	**CD**	**1 .. 1**	**R**	A translation to the Swiss EPR XDS.b metadata.	IHE PaI TF3 Rev.10, 6.3.2.5
@code	cs	**1 .. 1**	F	4241000179101	

Item	DT	Card	Conf	Description	Label
@codeSystem	oid	**1 .. 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 .. 1**	F	SNOMED CT	
@displayName	st	**1 .. 1**	F	Laboratory report	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *DocumentEntry.typeCode* (DYNAMIC)			
Included		**1 .. 1**	**M**	from 2.16.756.5.30.1.1.10.2.62 *Document Title* (DYNAMIC)	
hl7: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: ▪ [de]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>' ▪ [it]: 'Referto di laboratorio - <human readable code>' ▪ [en]: 'Laboratory report - <human readable code>'	CDA-…LREP
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or starts-with(text(),'Laboratory report')		
		Message	The English title must start with 'Laboratory report'		
	Schematron assert	role	error		
		test	not($languageCode='de') or starts-with(text(),'Laborbefund')		
		Message	The German title must start with 'Laborbefund'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire')		
		Message	The French title must start with 'Rapport de laboratoire'		
	Schematron assert	role	error		
		test	not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio')		
		Message	The Italian title must start with 'Rapporto di laboratorio'		

Item	DT	Card	Conf	Description	Label
hl7:effectiveTime	**TS.CH.TZ**	**1 ... 1**	**M**	ClinicalDocument/effectiveTime MUST exist. It contains the creation date and time of the laboratory report. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	(CDA... V14)
Included		**1 ... 1**	**M**	from 2.16.756.5.30.1.1.10.2.19 *Document Confidentiality Code* (DYNAMIC)	
hl7:confidentialityCode	**CE** (required)	**1 ... 1**	**M**	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
@code	cs	**1 ... 1**	R	The value of @code MUST be drawn from value set DocumentEntry.confidentialityCode	
@codeSystem	oid	**1 ... 1**	R		
@codeSystemName	st	**1 ... 1**	R		
@displayName	st	**1 ... 1**	R	The value of @displayName MUST be drawn from value set DocumentEntry.confidentialityCode	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 *DocumentEntry.confidentialityCode* (DYNAMIC)			
Included		**1 ... 1**	**M**	from 2.16.756.5.30.1.1.10.2.22 *Document Language* (DYNAMIC)	
hl7:languageCode	**CS**	**1 ... 1**	**M**	The RFC5646 based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
Included		**1 ... 1**	**M**	from 2.16.756.5.30.1.1.10.2.20 *Document Set Id and Version Number* (DYNAMIC)	
hl7:setId	**II**	**1 ... 1**	**M**	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
@root	uid	**1 ... 1**	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
@extension	st	0	NP	NP/not present	
	Schematron assert	role	● error		
		test	(parent::*/hl7:versionNumber[@value='1'] and @root=parent::*/hl7:id/@root and (@extension=parent::*/hl7:id/@extension or (not(@extension) and not(parent::*/hl7:id/@extension)))) or (parent::*/hl7:versionNumber[not(@value ='1')] and		

Item	DT	Card	Conf	Description	Label
				((@root=parent::*/hl7:id/@root and @extension and not(@extension=parent::*/hl7:id/@extension)) or(not(@root=parent::*/hl7:id/@root)))	
		Message		The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.	
hl7:versionNumber	**INT.NONNEG**	**1 .. 1**	**M**	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Choice		**1 .. 1**		recordTarget MUST be present in one of the following characteristics: ▪ Human Patient: The laboratory report contain test results from samples taken exclusively from a human patient. ▪ 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. ▪ 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). Elements to choose from: ▪ hl7:recordTarget included from template 2.16.756.5.30.1.1.10.2.58 *Human Patient - recordTarget* (DYNAMIC) ▪ hl7:recordTarget included from template 2.16.756.5.30.1.1.10.2.26 *Non-Human Subject - recordTarget* (DYNAMIC) ▪ hl7:recordTarget included from template 2.16.756.5.30.1.1.10.2.27 *Human Patient with Non-Human Subject - recordTarget* (DYNAMIC)	
Included		**0 .. 1**		from 2.16.756.5.30.1.1.10.2.58 *Human 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.	
hl7:recordTarget		**0 .. 1**	**R**	Patient (Human Patient).	CDA-... LREP
hl7:templateId	**II**	**1 .. 1**	**M**		CDA-... LREP
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.2.58	

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 .. 1**	**M**		CDA-CH-LREP
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.2.1	
hl7:patientRole		**1 .. 1**	**R**	Exactly one patient MUST be declared.	CDA-CH-LREP
hl7:id	**II**	**1 .. ***	**R**	At least one patient identification MUST be declared.	CDA-CH-LREP
@root	uid	**1 .. 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 .. 1**		Contains the patient number itself. The number MUST be unique within the system that has issued the number.	
hl7:addr	**AD**	**1 .. ***	**R**	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH-LREP
hl7:telecom	**TEL**	**1 .. ***	**R**	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	CDA-CH-LREP
hl7:patient		**1 .. 1**	**R**	Exactly one patient MUST be declared.	CDA-CH-LREP
hl7:name	**PN**	**1 .. ***	**R**	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	CDA-CH-LREP
hl7:administrativeGenderCode	**CE**	**1 .. 1**	**R**	The patient's gender.	CDA-CH-LREP
@nullFlavor	cs	**0 .. 1**			
@code	cs	**0 .. 1**			
@codeSystem	oid	**0 .. 1**	F	2.16.840.1.113883.5.1	
@codeSystemName	st	**0 .. 1**	F	HL7 AdministrativeGender	

Item	DT	Card	Conf	Description	Label
@displayName	st	**0 ... 1**			
	Schematron assert	role	error		
		test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))		
		Message	Either nullFlavor or a valid code is required.		
hl7:birthTime	**TS**	**1 ... 1**	**R**	The date of birth of the patient MUST be given according to XD-LAB.	CDA-... LREP
Included		**0 ... 1**		from 2.16.756.5.30.1.1.10.2.26 *Non-Human Subject - recordTarget* (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.	
hl7:recordTarget		**0 ... 1**	**R**	Non-Human Subject.	IHE Pal TF3 Rev.10, 6.3.2.11
hl7:templateId	**II**	**1 ... 1**	**M**		IHE Pal TF3 Rev.10, 6.3.2.11
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.26	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE Pal TF3 Rev.10, 6.3.2.11
@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**		IHE Pal TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.2.11
hl7:id	**II**	**1 ... ***	**R**		IHE PaI TF3 Rev.10, 6.3.2.11
@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.	
@extension	st	**0 ... 1**		Contains the actual number of non-human material. The number MUST be unique within the system that issued the number.	
hl7:patient		**1 ... 1**			IHE PaI TF3 Rev.10, 6.3.2.11
@nullFlavor	cs	**1 ... 1**	F	OTH	
				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)	
Included		**0 ... 1**		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).	
hl7:recordTarget		**0 ... 1**	**R**	Human Patient with Non-Human Subject.	IHE PaI TF3 Rev.10, 6.3.2.11
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PaI TF3 Rev.10, 6.3.2.11
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.27	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PaI TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.2.11
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.1.3	
	Schematron assert	role		error	
		test		//hl7: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.	
hl7:patientRole		**1 ... 1**	**R**	Exactly one patient MUST be declared.	IHE PaI TF3 Rev.10, 6.3.2.11
hl7:id	**II**	**1 ... ***	**R**	At least one patient identification MUST be declared. **Note:** 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).	IHE PaI TF3 Rev.10, 6.3.2.11
@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:addr	**AD**	**1 ... ***	**R**	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	IHE PaI TF3 Rev.10, 6.3.2.11
hl7:telecom	**TEL**	**1 ... ***	**R**	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	IHE PaI TF3 Rev.10, 6.3.2.11

Item	DT	Card	Conf	Description	Label
hl7:patient		**1 ... 1**	**R**	Exactly one patient MUST be declared.	IHE PaI TF3 Rev.10, 6.3.2.11
hl7:name	**PN**	**1 ... ***	**R**	All persons (including patients) and organizations, MUST contain according to XD-LAB name, addr and telecom.	IHE PaI TF3 Rev.10, 6.3.2.11
hl7:administrativeGenderCode	**CE**	**1 ... 1**	**R**		IHE PaI TF3 Rev.10, 6.3.2.11
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.1 *AdministrativeGender* (DYNAMIC)			
hl7:birthTime	**TS**	**1 ... 1**	**R**		IHE PaI TF3 Rev.10, 6.3.2.11
Included		**1 ... ***	**M**	from 2.16.756.5.30.1.1.10.2.59 *Author* (DYNAMIC)	
hl7:author		**1 ... ***	**M**	Information about the author of the document. The author MAY be a person or a device. At least one author MUST be declared.	CDA-... LREP
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.59	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.9.23	
hl7:functionCode	**CE**	**0 ... 1**			CDA-... LREP
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 *ParticipationFunction* (DYNAMIC)			
hl7:time	**TS.CH.TZ**	**1 ... 1**	**R**	Date and time of the laboratory report creation.	CDA-... LREP

Item	DT	Card	Conf	Description	Label
hl7:assignedAuthor		**1 .. 1**	**R**		CDA-... LREP
	Schematron assert	role	error		
		test	not(hl7:assignedAuthoringDevice/hl7:softwareName) or (hl7:representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
	Schematron assert	role	error		
		test	(hl7:telecom[@use='PUB' and starts-with(@value,'tel:+')]) and (hl7: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	(hl7:addr[@use='PUB'])		
		Message	A public address is required.		
hl7:id	**II**	**1 .. 1**	**R**	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-... LREP
@nullFlavor	cs	**0 .. 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 .. 1**	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	**0 .. 1**		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED		
hl7:id	**II**	**0 .. ***		Other ids are allowed.	CDA-... LREP

Item	DT	Card	Conf	Description	Label
@root	cs	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		The id itself. It MUST be unique within the issuing system.	
hl7:addr	**AD**	**1 ... ***		Address of the laboratory. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-... LREP
hl7:telecom	**TEL**	**1 ... ***		Means of communication of the laboratory (phone, eMail, ...).	CDA-... LREP
Choice		**1 ... 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 ... 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-... LREP
hl7:assignedAuthoringDevice		**0 ... 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-... LREP
hl7:representedOrganization		**0 ... 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	CDA-... LREP
	Schematron assert	role	error		
		test	/hl7:ClinicalDocument/hl7:author/hl7:functionCode/hl7:translation[@code='3212' and @codeSystem='2.16.840.1.113883.2.9.6.2.7']		
		Message	At least one of the listed authors MUST be a laboratory specialist.		
Included		**0 ... 1**		from 2.16.756.5.30.1.1.10.2.7 *Data Enterer* (DYNAMIC)	
hl7:dataEnterer		**0 ... 1**		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.7	
hl7:time	**TS.CH.TZ**	**0 ... 1**		Timestamp of the data input.	CDA-CH V2
hl7:assignedEntity		**1 ... 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	CDA-CH V2
Included		**1 ... 1**	**M**	from 2.16.756.5.30.1.1.10.2.60 *Custodian* (DYNAMIC)	
hl7:custodian		**1 ... 1**	**M**		CDA-... LREP
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.3	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.60	
hl7:assignedCustodian		**1 ... 1**	**R**		CDA-... LREP
hl7:representedCustodianOrganization		**1 ... 1**	**R**		CDA-... LREP
	Schematron assert	role	error		
		test	(hl7:telecom[@use='PUB' and starts-with(@value,'tel:+')])		
		Message	A public telephone number in the international format is required.		
	Schematron assert	role	error		
		test	(hl7:addr[@use='PUB'])		
		Message	A public address is required.		
hl7:id	**II**	**1 ... ***	**R**	The specification of GS1 GLN is required. If it is not (yet) known, this must be declared using nullFlavor.	CDA-... LREP

Item	DT	Card	Conf	Description	Label
@nullFlavor	cs	**0 ... 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 ... 1**	F	2.51.1.3 OID for GS1 GLN	
@extension	st	**0 ... 1**		The GS1 GLN of the laboratory or the doctor's office (in the case of individual practices, the doctor's GLN).	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is required.		
hl7:id	**II**	**0 ... ***	**C**	SASIS number (ge:ZSR / fr:RCC), if the lab services are to be refunded by the insurance.	CDA-...LREP
@root	cs	**1 ... 1**	F	2.16.756.5.30.1.123.100.2.1.1 OID for SASIS number (ge:ZSR / fr:RCC).	
@extension	st	**1 ... 1**	R	SASIS number (ge:ZSR / fr:RCC) of the laboratory or the physician.	
hl7:name	**ON**	**1 ... 1**	**R**	Name of the laboratory.	CDA-...LREP
hl7:telecom	**TEL**	**1 ... 1**	**R**	Means of communication of the laboratory (phone., eMail, ...).	CDA-...LREP
hl7:addr	**AD**	**1 ... 1**	**R**	Address of the laboratory. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...LREP
Included		**1 ... ***	**M**	from 2.16.756.5.30.1.1.10.2.57 *Recipient* (DYNAMIC)	
hl7:informationRecipient		**1 ... ***	**M**	The laboratory report MUST contain at least one receiver.	CDA-...LREP
@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)			

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.4	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.57	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.1.4	
hl7:intendedRecipient		**1 ... 1**	**M**	The laboratory report MUST contain at least one receiver.	CDA-... LREP
hl7:addr	**AD**	**1 ... ***	**R**	An address MUST be present according to XD-LAB. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-... LREP
hl7:telecom	**TEL**	**1 ... ***	**R**	A communication mean MUST be present according to XD-LAB.	CDA-... LREP
hl7:informationRecipient		**0 ... 1**		If the person of the recipient is used, it MUST according to XD-LAB declare a name. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-... LREP
hl7:receivedOrganization		**0 ... 1**		If the organization of the recipient is used, it MUST according to XD-LAB declare name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	CDA-... LREP
	Schematron assert	role	error		
		test	hl7:informationRecipient[not(@nullFlavor)] or hl7:receivedOrganization[not(@nullFlavor)]		
		Message	Either the recipients person or organization MUST be declared.		
Included		**0 ... 1**		from 2.16.756.5.30.1.1.10.2.61 *Legal Authenticator* (DYNAMIC)	
hl7:legalAuthenticator		**0 ... 1**		Legal authenticator.	CDA-... LREP

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.61	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.5	
hl7:time	**TS.CH.TZ**	**1 ... 1**	**R**	Date of the signature.	CDA-... LREP
hl7:signatureCode	**CS**	**1 ... 1**	**R**		CDA-... LREP
@code	cs	**1 ... 1**	F	S	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.1.11.10282	
@codeSystemName	st	**1 ... 1**	F	ParticipationSignature	
@displayName	st	**1 ... 1**	F	signed	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 ... 1**	**R**	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 2.16.756.5.30.1.1.10.9.47 *AssignedEntity Compilation for Laboratory* (DYNAMIC)	CDA-... LREP
Included		**0 ... ***		from 2.16.756.5.30.1.1.10.2.88 *Laboratory Results Validator - authenticator* (DYNAMIC)	
hl7:authenticator		**0 ... ***		Information about an authenticator of a CDA document. An authenticator MUST be a person.	IHE PaI TF3 Rev.10, 6.3.2.16
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PaI TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.2.16
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.2.88	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PaI TF3 Rev.10, 6.3.2.16
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.2.6	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PaI TF3 Rev.10, 6.3.2.16
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.3.3.1.5	
hl7:time	**TS.CH.TZ**	**1 .. 1**	**R**	Timestamp of the signature.	IHE PaI TF3 Rev.10, 6.3.2.16
hl7:signatureCode	**CS**	**1 .. 1**	**R**		IHE PaI TF3 Rev.10, 6.3.2.16
@code	cs	**1 .. 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	
@displayName	st	0	NP	NP/not present	
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
hl7:assignedEntity		**1 ... 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	IHE PaI TF3 Rev.10, 6.3.2.16
Included		**0 ... 1**		from 2.16.756.5.30.1.1.10.2.16 *Order Reference - inFulfillmentOf* (DYNAMIC)	
hl7:inFulfillmentOf		**0 ... 1**		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.16	
hl7:order		**1 ... 1**	**R**		CDA-CH V2
hl7:id	**II**	**1 ... ***	**R**	Order number.	CDA-CH V2
@root	uid	**1 ... 1**	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
@extension	st	**0 ... 1**		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	
Included		**0 ... 1**		from 2.16.756.5.30.1.1.10.2.46 *Health Service - documentationOf* (DYNAMIC)	
hl7:documentationOf		**0 ... 1**		Information about a health service describing the context of this CDA document.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	DOC	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.46	
hl7:serviceEvent		**1 ... 1**	**R**		CDA-CH V2
@classCode	cs	**1 ... 1**	F	ACT	

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

Item	DT	Card	Conf	Description	Label
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the health service.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 ... ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	
hl7:performer		**0 ... ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	PRF	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 ... 1**	**R**		CDA-CH V2
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
hl7:templateId		**1 ... 1**	**R**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.12.323	
hl7:time	**IVL_TS.CH.TZ**	**0 ... 1**		Duration of the performance.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the performance.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	End of the performance.	CDA-CH V2
hl7:assignedEntity		**1 ... 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2
Included		**0 ... ***		from 2.16.756.5.30.1.1.10.2.28 *Laboratory Performer - documentationOf* (DYNAMIC)	
hl7:documentationOf		**0 ... ***			IHE Pal TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.2.20
hl7:templateId	**II**	**1 ... 1**	**M**		IHE Pal TF3 Rev.10, 6.3.2.20
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.28	
hl7:serviceEvent		**1 ... 1**	**R**		IHE Pal TF3 Rev.10, 6.3.2.20
hl7: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.	IHE Pal TF3 Rev.10, 6.3.2.20
hl7:performer		**0 ... ***		Laboratory Performer template in the CDA header. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE Pal TF3 Rev.10, 6.3.2.20
Included		**0 ... ***		from 2.16.756.5.30.1.1.10.2.14 *Insurance Card - participant* (DYNAMIC)	
hl7:participant		**0 ... ***		Information on a patient's insurance card.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	HLD	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.14	
hl7:time	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 ... 1**			CDA-CH V2

Item	DT	Card	Conf	Description	Label
@nullFlavor	cs	**1 ... 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 ... 1**	**R**		CDA-CH V2
@classCode	cs	**1 ... 1**	F	POLHOLD	
hl7:id	**II**	**1 ... 1**	**R**	The insurance card's id.	CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.123.100.1.1.1	
@extension	st	**1 ... 1**	R	Number of the insurance card.	
hl7:associatedPerson		**0 ... 1**		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:scopingOrganization		**0 ... 1**		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2
Included		**0 ... ***		from 2.16.756.5.30.1.1.10.2.15 *Insurance - participant* (DYNAMIC)	
hl7:participant		**0 ... ***		Information on a patient's insurance.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	COV	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.15	
hl7:time	**IVL_TS.CH.TZ**	**0 ... 1**		Validity period of the contract.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the contract.	CDA-CH V2

Item	DT	Card	Conf	Description	Label
hl7:high	**TS.CH.TZ**	**1 .. 1**	**R**	End of the contract.	CDA-CH V2
hl7:associatedEntity		**1 .. 1**	**R**		CDA-CH V2
@classCode	cs	**1 .. 1**	F	PAYOR	
hl7:id	**II**	**1 .. 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
@root	uid	**1 .. 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 .. 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**1 .. 1**	**R**	The underlying law for the contract.	CDA-CH V2
@nullFlavor	cs	**0 .. 1**	F	NAV	
@code	cs	**0 .. 1**		832.10, 832.20, 221.229.1, 833.1, 831.20	
@codeSystem	oid	**0 .. 1**	F	2.16.756.5.30.2.1.1.11	
@codeSystemName	st	**0 .. 1**	F	ins-laws	
@displayName	st	**0 .. 1**		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role	error		
		test	(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)		
		Message	Either a valid insurance law or nullFlavor="NAV" is REQUIRED.		
hl7:associatedPerson		**0 .. 1**		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2

Item	DT	Card	Conf	Description	Label
hl7:scopingOrganization		**1 ... 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2
Included		**0 ... ***		from 2.16.756.5.30.1.1.10.2.13 *Document Replacement - relatedDocument* (DYNAMIC)	
hl7:relatedDocument		**0 ... ***		Relationship to another CDA-CH V2 based document that is replaced by the current one. **Notes:** For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/ marked as deleted/deprecated) and all values in the new document MUST be marked as valid: ▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.13	
hl7:parentDocument		**1 ... 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
hl7:id	**II**	**1 ... 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
@root	uid	**1 ... 1**	R	The id (GUID) of the document to be replaced.	
@extension	st	0	NP	NP/not present	

Item	DT	Card	Conf	Description	Label
hl7:setId	**II**	**1 .. 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2
@extension	st	0	NP	NP/not present	
@root	uid	**1 .. 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:setId/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:setId/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
hl7:versionNumber	**INT**	**1 .. 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	/hl7:ClinicalDocument/hl7:versionNumber/@value > @value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
hl7:component		**1 .. 1**	**R**		(CDA... V14)
hl7:structuredBody		**1 .. 1**	**R**		(CDA... V14)
hl7:component		**1 .. ***	**M**	**Main section for laboratory reports** 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 2.16.756.5.30.1.1.10.3.77 *Laboratory Speciality Section - coded* (DYNAMIC)	(CDA... V14)

Item	DT	Card	Conf	Description	Label
hl7:component		**0 ... 1**		**Main section for vital signs** 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. Contains 2.16.756.5.30.1.1.10.3.4 *Vital Signs Section - coded* (DYNAMIC)	(CDA... V14)
hl7:component		**0 ... 1**		**Main section for coded results** A laboratory report MAY include a main section in the structuredBody element that contains coded results of the patient (e.g., gestational age of the patient), if this is of particular interest to the interpretation of the laboratory results. Contains 2.16.756.5.30.1.1.10.3.46 *Other Relevant Observations Section - coded* (DYNAMIC)	(CDA... V14)
hl7:component		**0 ... 1**		**Main section for a current pregnancy** A laboratory report MAY include a main section in the structuredBody element that contains information about a current pregnancy of the patient (e.g., estimated delivery date), if this is of particular interest to the interpretation of the laboratory results. Contains 2.16.756.5.30.1.1.10.3.53 *Current Pregnancy Section - coded* (DYNAMIC)	(CDA... V14)
hl7:component		**0 ... 1**		**Main section for original representation** This section MAY be used to provide the original representation of the current CDA document as it has been seen by the legal authenticator while signing. Contains 2.16.756.5.30.1.1.10.3.45 *Original Representation Section - coded* (DYNAMIC)	(CDA... V14)
	Schematron assert	role	warning		

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

5.2 Templates

5.2.1 External document 2.16.756.5.30.1.1.10.4.29 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.4.29 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_entry_ExternalDocument	**Display Name**	External document

Description

External documents can be included in a CDA document, either by means of references or by means of XML embedding.

This template defines a reference to an external document, only.

Embedded documents can be created with the template Observation Media (or derived templates).

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.29
Label	CDA-CH V2
Classification	CDA Entry Level Template

Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 19 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26

	2.16.756.5.30.1.1.10.4.87	Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
	2.16.756.5.30.1.1.10.4.11	Specimen Collection (2017)	2017-06-21

Relationship

Specialization: template 2.16.840.1.113883.10.12.328 *CDA ExternalDocument* (2005-09-07) ref ad1bbr-

Adaptation: template 2.16.840.1.113883.10.20.1.36 *Advance directive reference* (DYNAMIC) ref ccd1-

Example

Example

```
<externalDocument classCode="DOC" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.29"/>
  <id root="2.999" extension="your id"/>
  <text>

    <reference value="http://foo.bar"/>
  </text>
</externalDocument>
```

Expand All | Collapse All

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

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

5.2.2 Observation Media 2.16.756.5.30.1.1.10.4.83 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.4.83 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_entry_ObservationMedia	**Display Name**	Observation Media

Description

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

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

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

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

Heavy objects should be integrated using links to external documents.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.83
Label	CDA-CH V2
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 3 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.3.45	Containment	Original Representation Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19

Relationship	Specialization: template 2.16.840.1.113883.10.12.304 *CDA ObservationMedia* (2005-09-07) ref ad1bbr-
Example	Example

```
<observationMedia ID="pdf1">

  <templateId root="2.16.756.5.30.1.1.10.4.83"/>
  <id root="2.999" extension="1095634"/>
  <languageCode code="en-US"/>
  <value xsi:type="ED" mediaType="application/pdf" representation="B64">JVBERi0xL ... 1DQolJUVPRg==</value>
</observationMedia>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observationMedia					CDA-CH V2
@ID	st	**1 .. 1**	R	Key for the reference to the narrative part of the document (<renderMultimedia referencedObject="the Key..."/>)	

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 .. 1**	**M**		CDA-CH V2
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.4.83	
hl7:id	**II**	**0 .. ***		IDs for this item MAY be filled for traceability.	CDA-CH V2
@root	uid	**1 .. 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 .. 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:languageCode	**CS**	**1 .. 1**	**R**	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the multimedia object is written. If it isn't known or not available (e.g. for pictures), use nullFlavor instead.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
hl7:value	**ED**	**1 .. 1**	**R**	The Base-64 encoded multimedia object.	CDA-CH V2
@representation	cs	**1 .. 1**	F	B64 Indicates that the object is Base-64 encoded.	
@mediaType	cs	**1 .. 1**	R	Mime type of the multimedia object.	
	CONF	The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14832 *ApplicationMediaType* (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14835 *AudioMediaType* (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14839 *ImageMediaType* (DYNAMIC) or				

Item	DT	Card	Conf	Description	Label
				The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14848 *ModelMediaType* (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14850 *MultipartMediaType* (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14825 *TextMediaType* (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14845 *VideoMediaType* (DYNAMIC)	
hl7:entryRelationship			**NP**	This template defines only the embedding of multimedia objects in the CDA document.	CDA-CH V2
hl7:reference			**NP**	This template defines only the embedding of multimedia objects in the CDA document.	CDA-CH V2

5.2.3 Data Enterer 2.16.756.5.30.1.1.10.2.7 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.7 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DataEnterer	**Display Name**	Data Enterer

Description

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

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

Used by / Uses

Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2020)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.103 *CDA dataEnterer* (2005-09-07) ref ad1bbr-

Example

Example

```
<dataEnterer>

  <templateId root="2.16.756.5.30.1.1.10.2.7"/>
  <time value="201709122029+0200"/>
  <assignedEntity>

    <id root="2.999" extension="0812763"/>
    <assignedPerson>

      <name>

        <given>Jean</given>
        <family>Dupont</family>
      </name>
    </assignedPerson>
  </assignedEntity>
</dataEnterer>
```

Expand All | Collapse All

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

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

5.2.4 Document Confidentiality Code 2.16.756.5.30.1.1.10.2.19 - 2019-09-12 14:08:42 (2019) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.19 ref hl7chcda-	**Effective Date**	2019-09-12 14:08:42 Other versions this id: ▪ cdach_header_DocumentConfidentialityCode as of 2018-04-18
Status	Active	**Version Label**	2019
Name	cdach_header_DocumentConfidentialityCode	**Display Name**	Document Confidentiality Code

Description

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

Language dependent references to the Swiss EPR regulation:

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

Label	CDA-CH V2

Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Relationship	Version: template 2.16.756.5.30.1.1.10.2.19 *Document Confidentiality Code* (2018-04-18) ref hl7chcda-
Example	Example <confidentialityCode code="17621005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Normal (qualifier value)"/>

Expand All | Collapse All

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

5.2.5 Document Id 2.16.756.5.30.1.1.10.2.23 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.23 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentId	**Display Name**	Document Id
Description	A unique identifier for each CDA document instance. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Example

Example

```
<id root="807563C2-5146-11D5-A672-00B0D022E945"/>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 ... 1**	**M**	A unique identifier for each CDA document instance.	CDA-CH V2
@root	uid	**1 ... 1**	R	The document's id as Globally Unique Identifier (GUID).	
@extension	st	0	NP	NP/not present	

5.2.6 Document Language 2.16.756.5.30.1.1.10.2.22 - 2019-09-12 14:28:13 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.22 ref hl7chcda-	**Effective Date**	2019-09-12 14:28:13 Other versions this id: ▪ cdach_header_DocumentLanguage as of 2019-09-12 14:27:38 ▪ cdach_header_DocumentLanguage as of 2019-09-12 14:25:02 ▪ cdach_header_DocumentLanguage as of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_header_DocumentLanguage	**Display Name**	Document Language
Description	The language in which the narrative texts in this CDA document instance are written. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Relationship	Version: template 2.16.756.5.30.1.1.10.2.22 *Document Language* (2018-04-18) ref hl7chcda-
Example	US-English <languageCode code="en-US"/>
Example	Swiss-German

	<languageCode code="de-CH"/>
Example	Swiss-French <languageCode code="fr-CH"/>
Example	Swiss-Italian <languageCode code="it-CH"/>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:languageCode	**CS**	**1 .. 1**	**M**	The RFC5646 based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)	

5.2.7 Document Realm 2.16.756.5.30.1.1.10.2.25 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.25 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentRealm	**Display Name**	Document Realm
Description	Swiss Realm (CHE) of HL7 CDA. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26

	2.16.756.5.30.1.1.10.1.10 Include	General Laboratory Report (2018)	2018-04-19
Example	Example <realmCode code="CHE"/>		

Expand All | Collapse All

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

5.2.8 Document Replacement - relatedDocument 2.16.756.5.30.1.1.10.2.13 - 2019-01-01 21:22:58 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.13 ref hl7chcda-	**Effective Date**	2019-01-01 21:22:58 Other versions this id: ▪ cdach_header_DocumentReplacement as of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_header_DocumentReplacement	**Display Name**	Document Replacement - relatedDocument
Description	Relationship to another CDA-CH V2 based document that is replaced by the current one. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.13		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates		

Used by	as	Name	Version

	cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
	2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
	2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Relationship Specialization: template 2.16.840.1.113883.10.12.111 *CDA relatedDocument* (2005-09-07) ref ad1bbr-

Example

Example

```
<relatedDocument typeCode="RPLC">

 <templateId root="2.16.756.5.30.1.1.10.2.13"/>
 <parentDocument>

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

Expand All | Collapse All

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

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.13	
hl7:parentDocument		**1 ... 1**	**R**	Relationship to the document that needs to be replaced.	CDA-CH V2
hl7:id	**II**	**1 ... 1**	**M**	The id of the document to be replaced MUST be declared.	CDA-CH V2
@root	uid	**1 ... 1**	R	The id (GUID) of the document to be replaced.	
@extension	st	0	NP	NP/not present	
hl7:setId	**II**	**1 ... 1**	**M**	The setId of the document to be replaced MUST be declared.	CDA-CH V2
@extension	st	0	NP	NP/not present	
@root	uid	**1 ... 1**	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	error		
		test	(@root=/hl7:ClinicalDocument/hl7:setId/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:setId/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
hl7:versionNumber	**INT**	**1 ... 1**	**M**	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	/hl7:ClinicalDocument/hl7:versionNumber/@value > @value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		

5.2.9 Document Set Id and Version Number 2.16.756.5.30.1.1.10.2.20 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.20 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_DocumentSetIdAndVersionNumber	**Display Name**	Document Set Id and Version Number
Description	Unity of document versions. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Example

Version 1

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

<setId root="807563C2-5146-11D5-A672-00B0D022E945"/>
<versionNumber value="1"/>
```

Example

Version 2

```
<!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/id/@root="FD05DCA1-14A9-4AAE-
B57E-6B28E621D853" (not equal to setId)-->

<setId root="807563C2-5146-11D5-A672-00B0D022E945"/>
<versionNumber value="2"/>
```

Expand All | Collapse All

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

5.2.10 Document Template Ids CDA-CH v2.0 - structuredBody 2.16.756.5.30.1.1.10.2.18 - 2019-10-17 15:21:50 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.18 ref hl7chcda-	**Effective Date**	2019-10-17 15:21:50 Other versions this id: ▪ cdach_header_DocumentTemplateIds(as of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_header_DocumentTemplateIdsCdaChv2.0-structuredBody	**Display Name**	Document Template Ids CDA-CH v2.0 - stru

Description

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

Label	CDA-CH V2

Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Vers
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018

Example

Example

```
<!-- CDA-CH v2.0 specification (optional, but informative template id). -->

<templateId root="2.16.756.5.30.1.1.1.1.4"/>
<!-- CDA-CH v2.0 structuredBody. -->

<templateId root="2.16.756.5.30.1.1.10.1.9"/>
<!-- HL7 CDA R2 (2005) having a structuredBody. -->

<templateId root="2.16.840.1.113883.10.12.2"/>
<!-- HL7 CDA R2 (2005). -->

<templateId root="2.16.840.1.113883.10.12.1"/>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:templateId	**II**	**0 ... 1**		CDA-CH v2.0 specification. This is an informational reference, only.
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.1.1.4
hl7:templateId	**II**	**1 ... 1**	**M**	CDA-CH v2.0 structuredBody
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.1.9

Item	DT	Card	Conf	Description
hl7:templateId	**II**	**1 ... 1**	**M**	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.12.2
hl7:templateId	**II**	**1 ... 1**	**M**	HL7 CDA R2 (2005).
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.12.1

5.2.11 Health Service - documentationOf 2.16.756.5.30.1.1.10.2.46 - 2019-01-01 20:53:33 (2019) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.46 ref hl7chcda-	**Effective Date**	2019-01-01 20:53:33 Other versions this id: ▪ cdach_header_HealthService as of 2018-04-18
Status	Active	**Version Label**	2019
Name	cdach_header_HealthService	**Display Name**	Health Service - documentationOf
Description	Information about a health service describing the context of this CDA document. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.46		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 2 templates, Uses 1 template		

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26

	2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19
	Uses	**as**	**Name**	**Version**
	2.16.756.5.30.1.1.10.9.31	Include	Performer (2020)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.110 *CDA documentationOf* (2005-09-07) ref ad1bbr-			

Example

Case identification and duration

```
<documentationOf typeCode="DOC">

  <templateId root="2.16.756.5.30.1.1.10.2.46"/>
  <serviceEvent classCode="ACT" moodCode="EVN">

    <id root="2.999" extension="FID-124982"/>
    <code nullFlavor="NAV"/>
    <effectiveTime>

      <low value="20190101"/>
      <high value="20190102"/>
    </effectiveTime>
  </serviceEvent>
</documentationOf>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:documentationOf		**0 ... ***		Information about a health service describing the context of this CDA document.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	DOC	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.46	
hl7:serviceEvent		**1 ... 1**	**R**		CDA-CH V2
@classCode	cs	**1 ... 1**	F	ACT	

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

Item	DT	Card	Conf	Description	Label
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the health service.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	End of the health service.	CDA-CH V2
Included		**0 ... ***		from 2.16.756.5.30.1.1.10.9.31 *Performer* (DYNAMIC)	
hl7:performer		**0 ... ***		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	PRF	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 ... 1**	**R**		CDA-CH V2
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
hl7:templateId		**1 ... 1**	**R**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.12.323	
hl7:time	**IVL_TS.CH.TZ**	**0 ... 1**		Duration of the performance.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the performance.	CDA-CH V2
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	End of the performance.	CDA-CH V2
hl7:assignedEntity		**1 ... 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	CDA-CH V2

5.2.12 Insurance - participant 2.16.756.5.30.1.1.10.2.15 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.15 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_Insurance	**Display Name**	Insurance - participant
Description	Information on a patient's insurance. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.15		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.26	Containment	Organization Compilation with GLN, name, addr and telecom (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.108 *CDA participant* (2005-09-07) ref ad1bbr-

Example

Example

```
<participant typeCode="COV">

  <templateId root="2.16.756.5.30.1.1.10.2.15"/>
  <time>

    <low value="20170910"/>
```

```
    <high nullFlavor="NASK"/>
  </time>
  <associatedEntity classCode="PAYOR">

    <id root="2.999" extension="23.253-m"/>
    <code code="832.10" codeSystem="2.16.756.5.30.2.1.1.11" codeSystemName="ins-laws" displayName="Federal Act on Health Insurance
(HIA)"/>
    <scopingOrganization>

      <id root="2.51.1.3" extension="7607777777777"/>
      <name>NousPaieronsTous assurances</name>
      <telecom nullFlavor="NASK"/>
      <addr use="WP">

        <streetName>rue payant</streetName>
        <houseNumber>89</houseNumber>
        <postalCode>8888</postalCode>
        <city>Guérison-ville</city>
        <country>CH</country>
      </addr>
    </scopingOrganization>
  </associatedEntity>
</participant>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:participant		**0 ... ***		Information on a patient's insurance.	CDA-CH V2
@typeCode	cs	**1 ... 1**	F	COV	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.15	
hl7:time	**IVL_TS.CH.TZ**	**0 ... 1**		Validity period of the contract.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the contract.	CDA-CH V2

Item	DT	Card	Conf	Description	Label
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	End of the contract.	CDA-CH V2
hl7:associatedEntity		**1 ... 1**	**R**		CDA-CH V2
@classCode	cs	**1 ... 1**	F	PAYOR	
hl7:id	**II**	**1 ... 1**	**R**	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
@root	uid	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		The id itself. It MUST be unique within the issuing system.	
hl7:code	**CE**	**1 ... 1**	**R**	The underlying law for the contract.	CDA-CH V2
@nullFlavor	cs	**0 ... 1**	F	NAV	
@code	cs	**0 ... 1**		832.10, 832.20, 221.229.1, 833.1, 831.20	
@codeSystem	oid	**0 ... 1**	F	2.16.756.5.30.2.1.1.11	
@codeSystemName	st	**0 ... 1**	F	ins-laws	
@displayName	st	**0 ... 1**		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role	● error		
		test	(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)		
		Message	Either a valid insurance law or nullFlavor="NAV" is REQUIRED.		
hl7:associatedPerson		**0 ... 1**		Contact person at the insurance company.	CDA-CH V2

Item	DT	Card	Conf	Description	Label
				Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	
hl7:scopingOrganization		**1 .. 1**		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 *Organization Compilation with GLN, name, addr and telecom* (DYNAMIC)	CDA-CH V2

5.2.13 Insurance Card - participant 2.16.756.5.30.1.1.10.2.14 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.14 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_InsuranceCard	**Display Name**	Insurance Card - participant
Description	Information on a patient's insurance card. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.14		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

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

Relationship	Specialization: template 2.16.840.1.113883.10.12.108 *CDA participant* (2005-09-07) ref ad1bbr-
Example	Example

```
<participant typeCode="HLD">

 <templateId root="2.16.756.5.30.1.1.10.2.14"/>
 <time>

  <low nullFlavor="NASK"/>
  <!-- Expiration date of the insurance card. -->

  <high value="20171231"/>
 </time>
 <associatedEntity classCode="POLHOLD">

  <!-- Number of the insurance card. -->

  <id root="2.16.756.5.30.1.123.100.1.1.1" extension="80756123450123456789"/>
  <associatedPerson>

   <!-- Family and given name on the insurance card. -->

   <name>

    <given>Specimen</given>
    <family>Franz</family>
   </name>
  </associatedPerson>
  <scopingOrganization>

   <!-- Name of the issuing insurance. -->

   <name>WirZahlenAlles Versicherungen</name>
  </scopingOrganization>
 </associatedEntity>
</participant>
```

Expand All | Collapse All

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

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	HLD	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.14	
hl7:time	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Validity period of the insurance card.	CDA-CH V2
hl7:low	**TS.CH.TZ**	**1 ... 1**			CDA-CH V2
@nullFlavor	cs	**1 ... 1**	F	NASK	
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	Expiration date of the insurance card.	CDA-CH V2
hl7:associatedEntity		**1 ... 1**	**R**		CDA-CH V2
@classCode	cs	**1 ... 1**	F	POLHOLD	
hl7:id	**II**	**1 ... 1**	**R**	The insurance card's id.	CDA-CH V2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.123.100.1.1.1	
@extension	st	**1 ... 1**	R	Number of the insurance card.	
hl7:associatedPerson		**0 ... 1**		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:scopingOrganization		**0 ... 1**		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2

5.2.14 Order Reference - inFulfillmentOf 2.16.756.5.30.1.1.10.2.16 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.2.16 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_header_OrderReference	**Display Name**	Order Reference - inFulfillmentOf

Description

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.16
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Relationship	Specialization: template 2.16.840.1.113883.10.12.109 *CDA inFulfillmentOf* (2005-09-07) ref ad1bbr-
Example	Order reference on a CDA-CH V2 (2017) document

```
<inFulfillmentOf>

  <templateId root="2.16.756.5.30.1.1.10.2.16"/>
  <order>

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

Example	Order reference to an order created by an ERP system

```
<inFulfillmentOf>

 <templateId root="2.16.756.5.30.1.1.10.2.16"/>
 <order>

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

Expand All | Collapse All

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

5.2.15 Address Information Compilation - eCH-0010 2.16.756.5.30.1.1.10.9.35 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.35 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_AddressInformationCompilation-eCH-0010	**Display Name**	Address Information Compilation - eCH-0010

Description

Address information according to the eCH-0010 V7.0 addressInformation data type. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

See https://www.ech.ch/vechweb/page?p=dossier&documentNumber=eCH-0010&documentVersion=7.0 for more information.

Label	eCH-0010 V7.0 addressInformation
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 77 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.57	Containment	Recipient (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.58	Containment	Human Patient - recordTarget (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.58	Containment	Human Patient - recordTarget (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.59	Containment	Author (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.59	Containment	Author (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.60	Containment	Custodian (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.60	Containment	Custodian (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20

2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - authenticator/participant Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2020)	2019-10-24 16:41:55
2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.88		Laboratory Results Validator - authenticator (2019)	2019-08-20

2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	2019-10-24 16:13:06
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2020)	2019-10-24 16:20:55
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2019)	2019-08-20
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2019)	2019-08-20
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.14		Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48		Author Compilation with name (2020)	2019-10-24 15:57:29
2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-11
2.16.756.5.30.1.1.10.4.84		Gestational Age At Birth (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92		Pregnancy Observation Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.9.48		Author Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.26	Containment	Organization Compilation with GLN, name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.15		Insurance - participant (2017)	2018-04-18

2.16.756.5.30.1.1.10.9.27	Containment	Organization Compilation with name, addr, telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.47		AssignedEntity Compilation for Laboratory (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.61		Legal Authenticator (2020)	2020-06-26
2.16.756.5.30.1.1.10.9.54		Author Compilation with id, name, addr and telecom (2020)	2020-04-28 12:02:52
2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2016-11-12
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.21		Vital Signs Observation (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2020-04-21 15:07:51
2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.84		Gestational Age At Birth (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92		Pregnancy Observation Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2020)	2019-10-24 16:38:14
2.16.756.5.30.1.1.10.9.31		Performer (2020)	2018-12-24 19:51:04
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2019)	2019-01-01 20:53:33
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31		Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18

	2.16.756.5.30.1.1.10.9.33 Containment Organization Compilation with id, name, addr and telecom (2017) 2018-04-18
Example	Swiss postal address <streetAddressLine>c/o Muster Hans</streetAddressLine> <streetAddressLine>Chalet Edelweiss</streetAddressLine> <streetName>Specimengasse</streetName> <houseNumber>99</houseNumber> <additionalLocator>3. OG Ost</additionalLocator> <city>Musterhausen</city> <postalCode>9999</postalCode> <country>CH</country>
Example	Foreign postal address <streetName>Wishard Blvd</streetName> <houseNumber>1050</houseNumber> <additionalLocator>RG 5th floor</additionalLocator> <state>IN</state> <city>Indianapolis</city> <postalCode>46240</postalCode> <country>US</country>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:streetAddressLine	**ADXP**	**0 ... 1**		Free additional lines for additional address information which can not be used in the other address fields (e.g. for c/o entries, etc.), with a maximum length of 150 characters. addressLine1 should be used for personalized addressing (e.g., c/o-Address).	eCH-0010 V7.0 addressInformation
	Schematron assert	role		error	
		see		eCH-0010 V7.0, section 5.12	
		test		string-length(text()) < 151	
		Message		eCH-0010 restricts the content length to max. 150 characters	
hl7:streetAddressLine	**ADXP**	**0 ... 1**		Free additional lines for additional address information which can not be used in the other address fields (e.g. for c/o entries, etc.), with a maximum length of 150 characters.	eCH-0010 V7.0 addressInformation

Item	DT	Card	Conf	Description	Label
				addressLine2 should be used for non-personalized address details (e.g., additional location information, e.g. "Chalet Edelweiss").	
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.12		
		test	string-length(text()) < 151		
		Message	eCH-0010 restricts the content length to max. 150 characters		
hl7:streetName	**ADXP**	**0 ... 1**	**C**	Street names in postal addresses. It can also be the name of a locality, a hamlet, etc. With a maximum length of 150 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.13		
		test	string-length(text()) < 151		
		Message	eCH-0010 restricts the content length to max. 150 characters		
hl7:houseNumber	**ADXP**	**0 ... 1**		House number in postal addresses (including house number additives). With a maximum length of 30 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.14		
		test	string-length(text()) < 31		
		Message	eCH-0010 restricts the content length to max. 30 characters		
hl7:additionalLocator	**ADXP**	**0 ... 1**		Number of addressed apartment. This is occasionally necessary for larger buildings. With a maximum length of 30 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.15		
		test	string-length(text()) < 31		
		Message	eCH-0010 restricts the content length to max. 30 characters		
hl7:postBox	**ADXP**	**0 ... 1**	**C**	Number of the addressed post box in a maximum length of 8 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.16		
		test	string-length(text()) < 9		

Item	DT	Card	Conf	Description	Label
		Message		eCH-0010 restricts the content length to max. 8 characters	
hl7:state	**ADXP**	**0 ... 1**		Occasionally, additional geographic information must be provided in foreign addresses, in addition to city and country. This element can be used for such cases. It contains superordinate or subordinate information on a city, such as region, province, state or local district. Since it is difficult - especially with foreign addresses - to determine whether an indication is subordinate or subordinate, a separate mapping of superordinate and subordinate indication is omitted.	eCH-0010 V7.0 addressInformation
hl7:city	**ADXP**	**1 ... 1**	**R**	Addressed city (in foreign addresses if necessary including province, etc.). When using the information according to the Swiss Post, the 27-digit city name must be used.	eCH-0010 V7.0 addressInformation
hl7:postalCode	**ADXP**	**1 ... 1**	**R**	Postal code given by Swiss Post or postal code issued by a post office abroad, that can consist of numbers, letters or a combination of both, possibly even special characters.	eCH-0010 V7.0 addressInformation
hl7:country	**ADXP**	**1 ... 1**	**R**	Two-digit, alphanumeric ISO country code according to [ISO 3166-1] of the country in which the address is located. The country defines the conventions for addressing. The country code MUST also be declared for Swiss postal addresses. Caution: Political changes or renaming of countries will result in adjustments to the ISO country list. The length of the feature is 2 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	error		
		see	eCH-0010 V7.0, section 5.24.2		
		test	string-length(text()) < 3		
		Message	eCH-0010 restricts the content length to max. 2 characters		
	Schematron assert	role	error		
		see	eCH-0007		

Item	DT	Card	Conf	Description	Label
		test		not(hl7:state) or not(upper-case(hl7:country/text())='CH') or (upper-case(hl7:state/text())=('AG', 'AI', 'AR', 'BE', 'BL', 'BS', 'FL', 'FR', 'GE', 'GL', 'GR', 'JU', 'LU', 'NE', 'NW', 'OW', 'SG', 'SH', 'SO', 'SZ', 'TG', 'TI', 'UR', 'VD', 'VS', 'ZG', 'ZH'))	
		Message		eCH-0007 cantonFlAbbreviationType restricts valid state values for Switzerland	

5.2.16 Assigned Entity Compilation with id 2.16.756.5.30.1.1.10.9.12 - 2019-10-24 16:41:55 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.12 ref hl7chcda-	**Effective Date**	2019-10-24 16:41:55 Other versions this id: ▪ cdach_other_AssignedEntityCompilationId as of 2018
Status	Active	**Version Label**	2020
Name	cdach_other_AssignedEntityCompilationId	**Display Name**	Assigned Entity Compilation with id

Description

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

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 4 templates, Uses 4 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:3
2.16.756.5.30.1.1.10.2.7	Containment	Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.88	Containment	Laboratory Results Validator - authenticator (2019)	2019-08-20
Uses	**as**	**Name**	**Version**

	2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.153 *CDA AssignedEntity* (2005-09-07) ref ad1bbr-			

Example

Example

```
<id root="2.999" extension="p98457u-"/>
<addr use="WP">

 <streetName>Doktorgasse</streetName>
 <houseNumber>2</houseNumber>
 <city>Musterhausen</city>
 <postalCode>8888</postalCode>
 <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>

 <name>

  <given>Allzeit</given>
  <family>Bereit</family>
  <prefix>Dr. med.</prefix>
 </name>
</assignedPerson>
<representedOrganization>

 <id root="2.51.1.3" extension="7609999999999"/>
 <name>Gruppenpraxis CH</name>
 <telecom value="tel:+41.32.234.55.66" use="WP"/>
 <telecom value="fax:+41.32.234.55.67" use="WP"/>
 <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
 <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
```

```
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:id	**II**	**1 ... ***	**R**	The assigned entity's id (including the assigned person's id).
@root	uid	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID regis REQUIRED. Others are NOT ALLOWED.
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
hl7:code	**CE**	**0 ... 1**		shall be drawn from concept domain RoleCode
	CONF	shall be drawn from concept domain "RoleCode"		
Included		**0 ... 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this elen text element MUST contain the reference to the corresponding text in the human readable part, ONLY.
hl7:originalText	**ED**	**0 ... 1**	**C**	
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the correspondi element.
	Schematron assert	role	error	
		test	starts-with(@value,'#')	
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.	

Item	DT	Card	Conf	Description
	Variable let	Name		idvalue
		Value		substring-after(@value,'#')
	Schematron assert	role		error
		test		ancestor::hl7:structuredBody//*[@ID=$idvalue]
		Message		No narrative text found for this reference (no content element within this document has an ID that correspond to '<value-of select="$idvalue"/>').
	Schematron assert	role		error
		test		parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()
		Message		The originalText content MUST be identical to the narrative text for this reference.
hl7:translation		**0 ... ***		A translation of the code to another coding system.
@code	cs	**1 ... 1**	R	
@codeSystem	oid	**1 ... 1**	R	
@codeSystemName	st	**1 ... 1**	R	
@displayName	st	**1 ... 1**	R	
hl7:addr	**AD**	**0 ... ***		The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)
hl7:telecom	**TEL**	**0 ... ***		The assigned entity's means of communication (phone, eMail, ...).
hl7:assignedPerson		**0 ... 1**		The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)
hl7:representedOrganization		**0 ... 1**		The assigned organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)

5.2.17 Assigned Entity Compilation with id, name, addr, telecom, person and organization 2.16.756.5.30.1.1.10.9.32 - 2019-10-24 16:38:14 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.32 ref hl7chcda-	**Effective Date**	2019-10-24 16:38:14 Other versions this id: ▪ cdach_other_Assigne as of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_other_AssignedEntityCompilationIdNameAddrTelecomPersonOrganization	**Display Name**	Assigned Entity Compilat

Description

Reusable template wherever an assigned entity with required id, name, addr, telecom, person and organization are used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY

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

Used by / Uses

Used by 1 transaction and 6 templates, Uses 4 templates

Used by	as	Name
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)
2.16.756.5.30.1.1.10.9.31	Containment	Performer (2020)
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2019)
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)
2.16.756.5.30.1.1.10.9.31	Containment	Performer (2017)
Uses	**as**	**Name**

	2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)
	2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)
	2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)
	2.16.756.5.30.1.1.10.9.33	Containment	Organization Compilation with id, name, addr and telecom (2017)
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC) ref hl7chcda-		

Example

Example

```
<id root="2.999" extension="p98457u-"/>
<addr use="WP">

 <streetName>Doktorgasse</streetName>
 <houseNumber>2</houseNumber>
 <city>Musterhausen</city>
 <postalCode>8888</postalCode>
 <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>

 <name>

  <given>Allzeit</given>
  <family>Bereit</family>
  <prefix>Dr. med.</prefix>
 </name>
</assignedPerson>
<representedOrganization>

 <id root="2.51.1.3" extension="7609999999999"/>
 <name>Gruppenpraxis CH</name>
 <telecom value="tel:+41.32.234.55.66" use="WP"/>
 <telecom value="fax:+41.32.234.55.67" use="WP"/>
 <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
 <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
```

```
  <addr use="WP">

   <streetName>Doktorgasse</streetName>
   <houseNumber>2</houseNumber>
   <city>Musterhausen</city>
   <postalCode>8888</postalCode>
   <country>CH</country>
  </addr>
</representedOrganization>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:id	**II**	**1 ... ***	**R**	The assigned entity's id (including the assigned person's id).
@root	uid	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
hl7:code	**CE**	**0 ... 1**		shall be drawn from concept domain RoleCode
	CONF	shall be drawn from concept domain "RoleCode"		
Included		**0 ... 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured informa reference to the corresponding text in the human readable part, ONLY.
hl7:originalText	**ED**	**0 ... 1**	**C**	
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference[@value='#xxx']
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of t
	Schematron assert	role	error	
		test	starts-with(@value,'#')	
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the co	

Item	DT	Card	Conf	Description
	Variable let	Name		idvalue
		Value		substring-after(@value,'#')
	Schematron assert	role		error
		test		ancestor::hl7:structuredBody//*[@ID=$idvalue]
		Message		No narrative text found for this reference (no content element within this document has an ID t
	Schematron assert	role		error
		test		parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()
		Message		The originalText content MUST be identical to the narrative text for this reference.
hl7:translation		**0 ... ***		A translation of the code to another coding system.
@code	cs	**1 ... 1**	R	
@codeSystem	oid	**1 ... 1**	R	
@codeSystemName	st	**1 ... 1**	R	
@displayName	st	**1 ... 1**	R	
hl7:addr	**AD**	**1 ... ***	**R**	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAM
hl7:telecom	**TEL**	**1 ... ***	**R**	The assigned entity's means of communication (phone, eMail, ...).
hl7:assignedPerson		**1 ... 1**	**R**	The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DY
hl7:representedOrganization		**1 ... 1**	**R**	The assigned organization. Contains 2.16.756.5.30.1.1.10.9.33 *Organization Compilation with id, name, addr and tele*

5.2.18 Assigned Entity Compilation with name, addr and telecom 2.16.756.5.30.1.1.10.9.17 - 2019-10-24 16:20:55 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.17 ref hl7chcda-	**Effective Date**	2019-10-24 16:20:55 Other versions this id: ▪ cdach_other_AssignedEntityCompilatio of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_other_AssignedEntityCompilationNameAddrTelecom	**Display Name**	Assigned Entity Compilation with name, addr ar

Description

Reusable template wherever an assigned entity with required name, addr and telecom is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by eithe specialisation.

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

Used by / Uses

Used by 1 transaction and 23 templates, Uses 4 templates

Used by	as	Name	Vers
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	2019
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2019)	2019
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2017)	2017
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020

2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2017)	2017

Uses	as	Name	Vers
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYN
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYN
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYN

	2.16.756.5.30.1.1.10.9.27 Containment Organization Compilation with name, addr, telecom (2017) DYN
Relationship	Version: template 2.16.756.5.30.1.1.10.9.17 *Assigned Entity Compilation with name, addr and telecom* (DYNAMIC) ref hl7chcda- Specialization: template 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC) ref hl7chcda-
Example	Example

```
<addr use="WP">

  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>

  <name>

    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>

  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">

    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
```

```
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:code	**CE**	**0 ... 1**		shall be drawn from concept domain RoleCode
	CONF	shall be drawn from concept domain "RoleCode"		
Included		**0 ... 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this MUST contain the reference to the corresponding text in the human readable part, ONLY.
hl7:originalText	**ED**	**0 ... 1**	**C**	
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference reference[@value='#xxx']
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresp
	Schematron assert	role	error	
		test	starts-with(@value,'#')	
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the correspondin element.	
	Variable let	Name	idvalue	
		Value	substring-after(@value,'#')	
	Schematron assert	role	error	
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]	
		Message	No narrative text found for this reference (no content element within this document has an ID that corres of select="$idvalue"/>').	
	Schematron assert	role	error	
		test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()	

Item	DT	Card	Conf	Description
		Message		The originalText content MUST be identical to the narrative text for this reference.
hl7:translation		**0 ... ***		A translation of the code to another coding system.
@code	cs	**1 ... 1**	R	
@codeSystem	oid	**1 ... 1**	R	
@codeSystemName	st	**1 ... 1**	R	
@displayName	st	**1 ... 1**	R	
hl7:addr	**AD**	**1 ... ***	**R**	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)
hl7:telecom	**TEL**	**1 ... ***	**R**	The assigned entity's means of communication (phone, eMail, ...).
hl7:assignedPerson		**0 ... 1**		The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)
hl7:representedOrganization		**0 ... 1**		The assigned organization. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)

5.2.19 Author Compilation with id, name, addr and telecom 2.16.756.5.30.1.1.10.9.54 - 2020-04-28 12:02:52 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.54 ref hl7chcda-	**Effective Date**	2020-04-28 12:02:52
Status	Active	**Version Label**	2020
Name	cdach_other_AuthorCompilationWithIdNameAddrTelecom	**Display Name**	Author Compilation with id, name, addr and telecom

Description

Reusable template wherever an author with required name, addr and telecom is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

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

Used by / Uses

Used by 1 transaction and 33 templates, Uses 4 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.102	Containment	Pregnancy Observation Delivery Date (2018)	2016-11-12
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20

		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.20	Containment	Vital Signs Organizer Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.21	Containment	Vital Signs Observation (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2020-04-21 15:07:51
2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.84	Containment	Gestational Age At Birth (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92	Containment	Pregnancy Observation Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-11

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

	2.16.756.5.30.1.1.10.9.21 Containment Device Compilation with name (2017) DYNAMIC 2.16.756.5.30.1.1.10.9.27 Containment Organization Compilation with name, addr, telecom (2017) DYNAMIC
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (2019-10-24 16:13:06) ref hl7chcda- Version: template 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (2018-04-18) ref hl7chcda- Specialization: template 2.16.840.1.113883.10.12.318 *CDA Author (Body)* (2005-09-07) ref ad1bbr-
Example	Sample author

```
<time value="20170905"/>
<assignedAuthor>

 <assignedPerson>

  <name>

   <prefix>Dr. med.</prefix>
   <given>Allzeit</given>
   <family>Bereit</family>
  </name>
 </assignedPerson>
 <representedOrganization>

  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">

   <streetName>Doktorgasse</streetName>
   <houseNumber>2</houseNumber>
   <city>Musterhausen</city>
   <postalCode>8888</postalCode>
   <country>CH</country>
  </addr>
 </representedOrganization>
</assignedAuthor>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:functionCode	**CE**	**0 ... 1**			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 *ParticipationFunction* (DYNAMIC)			
hl7:time	**TS.CH.TZ**	**1 ... 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 ... 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
hl7:id	**II**	**1 ... ***	**R**	The author's id.	CDA-CH V2
@root	cs	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:addr	**AD**	**1 ... ***	**R**	The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2
hl7:telecom	**TEL**	**1 ... ***	**R**	The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		**1 ... 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 ... 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2

Item	DT	Card	Conf	Description	Label
hl7:assignedAuthoringDevice		**0 ... 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		**0 ... 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	CDA-CH V2

5.2.20 Author Compilation with name 2.16.756.5.30.1.1.10.9.48 - 2019-10-24 15:57:29 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.48 ref hl7chcda-	**Effective Date**	2019-10-24 15:57:29 Other versions this id: ▪ cdach_other_AuthorCompilationWithName as of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_other_AuthorCompilationWithName	**Display Name**	Author Compilation with name
Description	Reusable template wherever an author with required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.		
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 8 templates, Uses 3 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.102	Containment	Pregnancy Observation Delivery Date (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2018-04-19

2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-11
2.16.756.5.30.1.1.10.4.84	Containment	Gestational Age At Birth (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92	Containment	Pregnancy Observation Entry (2016)	2016-11-11
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.21	Containment	Device Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC

Relationship

Version: template 2.16.756.5.30.1.1.10.9.48 *Author Compilation with name* (2018-04-18) ref hl7chcda-

Specialization: template 2.16.840.1.113883.10.12.318 *CDA Author (Body)* (2005-09-07) ref ad1bbr-

Example

Sample author

```
<time value="20170905"/>
<assignedAuthor>

 <id root="2.51.1.3" extension="7608888888888"/>
 <assignedPerson>

  <name>

   <prefix>Dr. med.</prefix>
   <given>Allzeit</given>
   <family>Bereit</family>
  </name>
 </assignedPerson>
 <representedOrganization>

  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
 </representedOrganization>
```

	</assignedAuthor>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:functionCode	**CE**	**0 ... 1**			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 *ParticipationFunction* (DYNAMIC)			
hl7:time	**TS.CH.TZ**	**1 ... 1**	**R**	Timestamp of the authorship.	CDA-CH V2
hl7:assignedAuthor		**1 ... 1**	**R**		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
hl7:id	**II**	**0 ... ***		The author's id.	CDA-CH V2
@root	cs	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
Choice		**1 ... 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 ... 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-CH V2
hl7:assignedAuthoringDevice		**0 ... 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-CH V2

Item	DT	Card	Conf	Description	Label
hl7:representedOrganization		**0 ... 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)	CDA-CH V2

5.2.21 Author Compilation with name, addr and telecom 2.16.756.5.30.1.1.10.9.16 - 2019-10-24 16:13:06 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.16 ref hl7chcda-	**Effective Date**	2019-10-24 16:13:06 Other versions this id: ▪ cdach_other_AuthorCompilationWithNameAd as of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_other_AuthorCompilationWithNameAddrTelecom	**Display Name**	Author Compilation with name, addr and telecom

Description

Reusable template wherever an author with required name, addr and telecom is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either referer specialisation.

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 20 templates, Uses 4 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:3
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26

2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

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

	2.16.756.5.30.1.1.10.9.27 Containment Organization Compilation with name, addr, telecom (2017)	DYNAMIC
Relationship	Version: template 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (2018-04-18) ref hl7chcda- Specialization: template 2.16.840.1.113883.10.12.318 *CDA Author (Body)* (2005-09-07) ref ad1bbr-	
Example	Sample author	

```
<time value="20170905"/>
<assignedAuthor>

 <assignedPerson>

  <name>

   <prefix>Dr. med.</prefix>
   <given>Allzeit</given>
   <family>Bereit</family>
  </name>
 </assignedPerson>
 <representedOrganization>

  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">

   <streetName>Doktorgasse</streetName>
   <houseNumber>2</houseNumber>
   <city>Musterhausen</city>
   <postalCode>8888</postalCode>
   <country>CH</country>
  </addr>
 </representedOrganization>
</assignedAuthor>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:functionCode	**CE**	**0 ... 1**		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 *ParticipationFunction* (DYNAMIC)		
hl7:time	**TS.CH.TZ**	**1 ... 1**	**R**	Timestamp of the authorship.
hl7:assignedAuthor		**1 ... 1**	**R**	
	Schematron assert	role	error	
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)	
		Message	For device authors the element representedOrganization is REQUIRED.	
hl7:id	**II**	**0 ... ***		The author's id.
@root	cs	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID regis REQUIRED. Others are NOT ALLOWED.
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
hl7:addr	**AD**	**1 ... ***	**R**	The author's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)
hl7:telecom	**TEL**	**1 ... ***	**R**	The author's means of communication (phone, eMail, ...).
Choice		**1 ... 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compi eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation wit* (DYNAMIC)
hl7:assignedPerson		**0 ... 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)
hl7:assignedAuthoringDevice		**0 ... 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)

Item	DT	Card	Conf	Description
hl7:representedOrganization		**0 ... 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)

5.2.22 Device Compilation with name 2.16.756.5.30.1.1.10.9.21 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.21 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_DeviceCompilationWithName	**Display Name**	Device Compilation with name

Description

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

A device is either a physical device (e.g. analyzer with which laboratory results are determined) or a software (e.g. laboratory information system, in which laboratory results are documented).

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 46 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.59	Containment	Author (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.59	Containment	Author (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	2019-08-20

2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	2019-10-24 16:13:06
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18

	2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2020)	2019-10-24 15:57:29
	2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2018-04-19
	2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2018-04-19
	2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-12
	2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-11
	2.16.756.5.30.1.1.10.4.84		Gestational Age At Birth (2018)	2018-04-19
	2.16.756.5.30.1.1.10.4.92		Pregnancy Observation Entry (2016)	2016-11-11
	2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	2020-04-28 12:02:52
	2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2016-11-12
	2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-12
	2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-12
	2.16.756.5.30.1.1.10.4.21		Vital Signs Observation (2016)	2016-11-12
	2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2020-04-21 15:07:51
	2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11
	2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-11
	2.16.756.5.30.1.1.10.4.84		Gestational Age At Birth (2020)	2020-06-26
	2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2018)	2018-04-19
	2.16.756.5.30.1.1.10.4.92		Pregnancy Observation Entry (2016)	2016-11-12

Relationship	Specialization: template 2.16.840.1.113883.10.12.315 *CDA Device* (2005-09-07) ref ad1bbr-
Example	Software <manufacturerModelName>4.0</manufacturerModelName>

	<softwareName>New generation KIS</softwareName>
Example	Physical device <manufacturerModelName>w872</manufacturerModelName> <softwareName>Pipette laboratory analyzer</softwareName>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:manufacturerModelName	**SC**	**0 ... 1**		The model name of the device MAY be declared.	CDA-CH V2
hl7:softwareName	**SC**	**1 ... 1**	**R**	The name of the device MUST be declared. **Note:** Altough this element is called softwareName, it contains also the name of physical devices (e.g. laboratory analyzer).	CDA-CH V2

5.2.23 Organization Compilation with GLN, name, addr and telecom 2.16.756.5.30.1.1.10.9.26 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.26 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationGlnNameAddrTelecom	**Display Name**	Organization Compilation with GLN, name, addr and telecom

Description

Reusable template wherever an organization with required GLN as id, name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 3 templates, Uses 1 template

Used by	as	Name	Version

cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.15	Containment	Insurance - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19

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

Relationship Specialization: template 2.16.756.5.30.1.1.10.9.33 *Organization Compilation with id, name, addr and telecom* (DYNAMIC) ref hl7chcda-

Example

Example

```
<id root="2.51.1.3" extension="7601111111111"/>
<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>

  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 ... 1**	**R**	The organization's id (GLN).	CDA-CH V2
@root	uid	**1 ... 1**	F	2.51.1.3	
@extension	st	**1 ... 1**	R	The organization's GLN.	
hl7:id	**II**	**0 ... ***		Other organization's id.	CDA-CH V2

Item	DT	Card	Conf	Description	Label
@root	uid	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 ... ***	**R**	The organization's name.	CDA-CH V2
hl7:telecom	**TEL**	**1 ... ***	**R**	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	**AD**	**1 ... ***	**R**	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

5.2.24 Organization Compilation with id, name, addr and telecom 2.16.756.5.30.1.1.10.9.33 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.33 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationIdNameAddrTelecom	**Display Name**	Organization Compilation with id, name, addr and telecom

Description

Reusable template wherever an organization with required id, name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 8 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46

2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2020)	2019-10-24 16:38:14
2.16.756.5.30.1.1.10.9.31		Performer (2020)	2018-12-24 19:51:04
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2019)	2019-01-01 20:53:33
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31		Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18

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

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC) ref hl7chcda-
Example	Example

```
<id root="2.999" extension="432ohjb"/>
<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>

  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 ... ***	**R**	The organization's id.	CDA-CH V2
@root	uid	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 ... ***	**R**	The organization's name.	CDA-CH V2
hl7:telecom	**TEL**	**1 ... ***	**R**	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	**AD**	**1 ... ***	**R**	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

5.2.25 Organization Compilation with name 2.16.756.5.30.1.1.10.9.24 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.24 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationWithName	**Display Name**	Organization Compilation with name

Description

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

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 15 templates, Uses 1 template

Used by	as	Name	Version

cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.14	Containment	Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2020)	2019-10-24 16:41:55
2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.88		Laboratory Results Validator - authenticator (2019)	2019-08-20
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2020)	2019-10-24 15:57:29
2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-11
2.16.756.5.30.1.1.10.4.84		Gestational Age At Birth (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92		Pregnancy Observation Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	2018-04-18

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

Relationship	Specialization: template 2.16.840.1.113883.10.12.151 *CDA Organization* (2005-09-07) ref ad1bbr-
Example	Example <name>Fuchsbau Medical Services AG</name>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**0 ... ***		The organization's id.	CDA-CH V2
@root	uid	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 ... ***	**R**	The organization's name.	CDA-CH V2
hl7:telecom	**TEL**	**0 ... ***		The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	**AD**	**0 ... ***		The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

5.2.26 Organization Compilation with name, addr, telecom 2.16.756.5.30.1.1.10.9.27 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.27 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OrganizationCompilationWithNameAddrTelecom	**Display Name**	Organization Compilation with name, addr, telecom

Description

Reusable template wherever an organization with required name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 48 templates, Uses 1 template

Used by	as	Name	Version

cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.57	Containment	Recipient (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.59	Containment	Author (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.59	Containment	Author (2018)	2018-04-19
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	2019-10-24 16:13:06
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21

		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2020)	2019-10-24 16:20:55
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2019)	2019-08-20
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2019)	2019-08-20
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.47	Containment	AssignedEntity Compilation for Laboratory (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.61		Legal Authenticator (2020)	2020-06-26
2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	2020-04-28 12:02:52
2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2016-11-12
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.21		Vital Signs Observation (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2020-04-21 15:07:51
2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-11

2.16.756.5.30.1.1.10.4.84	Gestational Age At Birth (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46	Other Relevant Observations Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46	Other Relevant Observations Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92	Pregnancy Observation Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.3.53	Current Pregnancy Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53	Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53	Current Pregnancy Section - coded (2018)	2016-11-11

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

Relationship Specialization: template 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC) ref hl7chcda-

Example

Example

```
<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>

  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**0 ... ***	**R**	The organization's id.	CDA-CH V2
@root	uid	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	

Item	DT	Card	Conf	Description	Label
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	**ON**	**1 ... ***	**R**	The organization's name.	CDA-CH V2
hl7:telecom	**TEL**	**1 ... ***	**R**	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	**AD**	**1 ... ***	**R**	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH V2

5.2.27 Original Text Reference 2.16.756.5.30.1.1.10.9.49 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.49 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_OriginalTextElementWithReferenceToNarrativeText	**Display Name**	Original Text Reference

Description

Reusable template wherever a original text reference to the corresponding text in the human readable part (narrative text) is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 41 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.10	Include	Device - participant Containment (2020)	2019-08-20
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26

2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
2.16.756.5.30.1.1.10.4.10	Include	Device - participant Containment (2017)	2017-06-21

	2.16.756.5.30.1.1.10.4.5	Include	Non-Human Subject - subject Containment (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.5	Include	Non-Human Subject - subject Containment (2017)	2017-06-21
	2.16.756.5.30.1.1.10.4.6	Include	Human Patient with Non-Human Subject - subject Containment (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.6	Include	Human Patient with Non-Human Subject - subject Containment (2017)	2017-06-21
	2.16.756.5.30.1.1.10.9.12	Include	Assigned Entity Compilation with id (2020)	2019-10-24 16:41:55
	2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
	2.16.756.5.30.1.1.10.2.88		Laboratory Results Validator - authenticator (2019)	2019-08-20
	2.16.756.5.30.1.1.10.9.12	Include	Assigned Entity Compilation with id (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.17	Include	Assigned Entity Compilation with name, addr and telecom (2020)	2019-10-24 16:20:55
	2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2019)	2019-08-20
	2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2019)	2019-08-20
	2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2017)	2017-06-21
	2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
	2.16.756.5.30.1.1.10.9.17	Include	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.31	Include	Performer (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.32	Include	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2020)	2019-10-24 16:38:14
	2.16.756.5.30.1.1.10.9.31		Performer (2020)	2018-12-24 19:51:04
	2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2019)	2019-01-01 20:53:33
	2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.32	Include	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
Example	Example			

<originalText>

demo
<reference value="#nartext1"/>
</originalText>

Expand All | Collapse All

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

5.2.28 Performer 2.16.756.5.30.1.1.10.9.31 - 2018-12-24 19:51:04 (2020) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.31 ref hl7chcda-	Effective Date	2018-12-24 19:51:04

			Other versions this id: ▪ cdach_other_Performer as of 2018-04-18
Status	Active	**Version Label**	2020
Name	cdach_other_Performer	**Display Name**	Performer

Description

Reusable template wherever a healthcare provider who was the primary performer of an act is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.9.31
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 4 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2019)	2019-01-01 20:53:33
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.46	Include	Health Service - documentationOf (2017)	2018-04-18

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2020)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.323 *CDA Performer (Body)* (DYNAMIC) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5 *IHE Performer* (2017-04-13 21:00:16) ref IHE-PCC-

Example

Example

```
<performer typeCode="PRF">
```

```
<templateId root="2.16.756.5.30.1.1.10.9.31"/>
<templateId root="2.16.840.1.113883.10.12.323"/>
<templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
<time>

 <low nullFlavor="NASK"/>
 <high nullFlavor="NASK"/>
</time>
<assignedEntity>

 <id root="2.999" extension="p98457u-"/>
 <code code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
 <addr use="WP">

  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
 </addr>
 <telecom value="tel:+41.32.234.55.66" use="WP"/>
 <telecom value="fax:+41.32.234.55.67" use="WP"/>
 <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
 <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
 <assignedPerson>

  <name>

   <given>Allzeit</given>
   <family>Bereit</family>
   <prefix>Dr. med.</prefix>
  </name>
 </assignedPerson>
 <representedOrganization>

  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
```

```
      <addr use="WP">

        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedOrganization>
  </assignedEntity>
</performer>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:performer				Information about a healthcare provider who was the primary performer of the act.	(cda ... mer)
@typeCode	cs	**1 ... 1**	F	PRF	
hl7:templateId	**II**	**1 ... 1**	**M**		(cda ... mer)
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.9.31	
hl7:templateId		**1 ... 1**	**R**		(cda ... mer)
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
hl7:templateId		**1 ... 1**	**R**		(cda ... mer)
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.12.323	
hl7:time	**IVL_TS.CH.TZ**	**0 ... 1**		Duration of the performance.	(cda ... mer)

Item	DT	Card	Conf	Description	Label
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the performance.	(cda ... mer)
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	End of the performance.	(cda ... mer)
hl7:assignedEntity		**1 ... 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.32 *Assigned Entity Compilation with id, name, addr, telecom, person and organization* (DYNAMIC)	(cda ... mer)

5.2.29 Person Name Information Compilation - eCH-0011 2.16.756.5.30.1.1.10.9.34 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.34 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_PersonNameInformationCompilation-eCH-0011	**Display Name**	Person Name Information Compilation - eCH-0011

Description

Person name information (with required family and given name) according to the eCH-0011 V8.1 nameData data type. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

See https://www.ech.ch/vechweb/page?p=dossier&documentNumber=eCH-0011&documentVersion=8.1, section 3.3.2 nameData – Namensangaben for more information.

Label	eCH-0011 V8.1 nameData
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 65 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.14	Containment	Insurance Card - participant (2017)	2018-04-18

2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.15	Containment	Insurance - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.57	Containment	Recipient (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.59	Containment	Author (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.59	Containment	Author (2018)	2018-04-19
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2020)	2019-10-24 16:41:55
2.16.756.5.30.1.1.10.2.7		Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.88		Laboratory Results Validator - authenticator (2019)	2019-08-20
2.16.756.5.30.1.1.10.9.12	Containment	Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	2019-10-24 16:13:06
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11

2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2020)	2019-10-24 16:20:55
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2019)	2019-08-20
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2019)	2019-08-20
2.16.756.5.30.1.1.10.2.28		Laboratory Performer - documentationOf (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.7		Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2020)	2019-10-24 16:38:14
2.16.756.5.30.1.1.10.9.31		Performer (2020)	2018-12-24 19:51:04
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2019)	2019-01-01 20:53:33
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31		Performer (2017)	2018-04-18

2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.47	Containment	AssignedEntity Compilation for Laboratory (2020)	2020-06-26
2.16.756.5.30.1.1.10.2.61		Legal Authenticator (2020)	2020-06-26
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2020)	2019-10-24 15:57:29
2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-11
2.16.756.5.30.1.1.10.4.84		Gestational Age At Birth (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92		Pregnancy Observation Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	2020-04-28 12:02:52
2.16.756.5.30.1.1.10.4.102		Pregnancy Observation Delivery Date (2018)	2016-11-12
2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.21		Vital Signs Observation (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2020-04-21 15:07:51
2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.84		Gestational Age At Birth (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2018)	2018-04-19

	2.16.756.5.30.1.1.10.4.92	Pregnancy Observation Entry (2016)	2016-11-12

Example

Minimal name

```
<name>

  <family>Muster</family>
  <given>Hildegard</given>
</name>
```

Example

Maiden name

```
<!-- @use attribute is optional, here -->

<name use="L">

  <family>Muster</family>
  <given>Hildegard</given>
  <!-- @qualifier attribute indicates the maiden name -->

  <family qualifier="BR">Hugentobler</family>
</name>
```

Example

Call name

```
<!-- @use attribute is optional, here -->

<name use="L">

  <family>Muster</family>
  <given>Hildegard</given>
  <!-- @qualifier attribute indicates the call name -->

  <given qualifier="CL">Hildi</given>
</name>
```

Example

Pseudonym

```
<!-- @use attribute is optional for the legal name -->

<name use="L">

  <family>Muster</family>
```

```
  <given>Hildegard</given>
</name>
<!-- @use attribute indicates that this name is a pseudonym (Artist, VIP, etc.) -->

<name use="P">

  <family>Lady</family>
  <given>Vip</given>
</name>
```

Example

Other official Name

```
<!-- @use attribute is optional for the legal name -->

<name use="L">

  <family>Muster</family>
  <given>Hildegard</given>
</name>
<!-- @use attribute indicates that this is another assigned name -->

<name use="ASGN">

  <family>Sans-Papier</family>
  <given>Helen</given>
</name>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:name	**PN**	**1 ... 1**	**R**	The person's legal name (with required family and given name).	eCH-0011 V8.1 nameData
@use	set_cs	**0 ... 1**	F	L Legal. This is the default. Thus, name elements without @use are legal names.	
hl7:prefix	**ENXP**	**0 ... ***		The person's academic title (such as Dr. med. or Prof.).	eCH-0011 V8.1 nameData

Item	DT	Card	Conf	Description	Label
@qualifier	set_cs	**1 ... 1**	F	AC Academic.	
hl7:family	**ENXP**	**1 ... ***	**R**	The person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:family	**ENXP**	**0 ... ***		The person's maiden name ([ge]: Ledigname; [fr]: nom de célibataire).	eCH-0011 V8.1 nameData
@qualifier	set_cs	**1 ... 1**	F	BR Birth name.	
hl7:given	**ENXP**	**1 ... ***	**R**	The person's given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:given	**ENXP**	**0 ... ***		The person's call name ([ge]: Rufname; [fr]: nom usuel).	eCH-0011 V8.1 nameData
@qualifier	set_cs	**1 ... 1**	F	CL Callme.	
hl7:name	**PN**	**0 ... ***		The person's alias name.	eCH-0011 V8.1 nameData
@use	set_cs	**1 ... 1**	F	P Pseudonym.	

Item	DT	Card	Conf	Description	Label
hl7:prefix	**ENXP**	**0 ... ***		The person's title.	eCH-0011 V8.1 nameData
@qualifier	set_cs	**1 ... 1**	F	TITLE Title.	
hl7:family	**ENXP**	**0 ... ***		The person's pseudonym family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:given	**ENXP**	**0 ... ***		The person's pseudonym given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:name	**PN**	**0 ... ***		Other person's name.	eCH-0011 V8.1 nameData
@use	set_cs	**1 ... 1**	F	ASGN Assigned.	
hl7:prefix	**ENXP**	**0 ... ***		The person's title.	eCH-0011 V8.1 nameData
@qualifier	set_cs	**1 ... 1**	F	TITLE Title.	
hl7:family	**ENXP**	**0 ... ***		Other official person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData

Item	DT	Card	Conf	Description	Label
@qualifier	set_cs	0	NP	NP/not present Default.	
hl7:given	**ENXP**	**0 ... ***		Other official given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
@qualifier	set_cs	0	NP	NP/not present Default.	

5.2.30 PlayingEntity Compilation with name 2.16.756.5.30.1.1.10.9.20 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.20 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_PlayingEntityCompilationWithName	**Display Name**	PlayingEntity Compilation with name

Description

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

Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 23 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19

2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - authenticator/participant Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	2019-08-20

	2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2017)	2017-06-21

Relationship	Specialization: template 2.16.840.1.113883.10.12.313 *CDA PlayingEntity* (2005-09-07) ref ad1bbr-
Example	Name unstructured `<name>Muster Franz</name>`

Example	Name structured
	`<name>`
	`  <family>Muster</family>`
	`  <given>Franz</given>`
	`</name>`

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:name	**PN**	**1 ... ***	**R**	The playing entity's name.	CDA-CH V2

5.2.31 Narrative Text Reference 2.16.756.5.30.1.1.10.9.14 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.9.14 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017
Name	cdach_other_TextElementWithReferenceToNarrativeText	**Display Name**	Narrative Text Reference

Description

Reusable template wherever a text reference to the corresponding text in the human readable part (narrative text) is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

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

Used by / Uses

Used by 1 transaction and 40 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.102	Include	Pregnancy Observation Delivery Date (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53		Current Pregnancy Section - coded (2018)	2016-11-11
2.16.756.5.30.1.1.10.4.102	Include	Pregnancy Observation Delivery Date (2018)	2016-11-12
2.16.756.5.30.1.1.10.4.11	Include	Specimen Collection (2019)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20

		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.12	Include	Specimen Received (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.12	Include	Specimen Received (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.2	Include	Annotation Comments (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.2	Include	Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.21	Include	Vital Signs Observation (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2020-04-21 15:07:51
2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-12
2.16.756.5.30.1.1.10.4.20		Vital Signs Organizer Entry (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.21	Include	Vital Signs Observation (2016)	2016-11-11
2.16.756.5.30.1.1.10.4.84	Include	Gestational Age At Birth (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.46		Other Relevant Observations Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.84	Include	Gestational Age At Birth (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.92	Include	Pregnancy Observation Entry (2016)	2016-11-12

	2.16.756.5.30.1.1.10.4.92	Include	Pregnancy Observation Entry (2016)	2016-11-11

Example

Example

```
<text>

  <reference value="#nartext1"/>
</text>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:text	**ED**	**1 .. 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 .. 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 .. 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		

5.2.32 Original Representation Section - coded 2.16.756.5.30.1.1.10.3.45 - 2018-04-18 (2017) ref hl7chcda-

Id	2.16.756.5.30.1.1.10.3.45 ref hl7chcda-	**Effective Date**	2018-04-18
Status	Active	**Version Label**	2017

Name	cdach_section_OriginalRepresentationCoded	Display Name	Original Representation Section - co

Description

This section MAY be used to provide the original representation of the current CDA document as it has been seen by the legal authenticator while signing.

Notes:

- This template doesn't require PDF/A but keep in mind that only PDF/A contains all necessary information that allows to identically display the PDF on different machines.
- To ensure that digital data remains legible in the long term, PDF/A (but not PDF) is mentioned in the allowed list of archival formats for the Swiss Federal Archives.
- The certification requirements according to the Swiss EPR (EPRA) require PDF/A-1 oder PDF/A-2.
- Following the recommendations of CDA-CH V2 (2017), embedding the original representation in PDF/A-1a format is therefore strongly recommended.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.45
Label	CDA-CH V2
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Vers
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2020)	2020
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2018)	2018

Uses	as	Name	Vers
2.16.756.5.30.1.1.10.4.83	Containment	Observation Media (2017)	DYN

Relationship	Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr-

Example

Example

```
<section>

  <templateId root="2.16.756.5.30.1.1.10.3.45"/>
  <code code="55108-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Clinical presentation"/>
  <title>Original representation</title>
```

```
  <text>


Representation of the original view which has been signed by the legal authenticator:
    <br/>
    <renderMultiMedia referencedObject="pdf1"/>
  </text>
  <languageCode/>
  <entry typeCode="DRIV">

    <!-- template 2.16.756.5.30.1.1.10.4.83 'Observation Media' -->

  </entry>
</section>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:section				Contains the original representation of the current CDA document as it has been seen by the legal a while signing.
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.45
hl7:id	**II**	**0 ... 1**		An ID for this section MAY be filled for traceability.
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published i for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
hl7:code	**CE**	**1 ... 1**	**M**	
@code	CONF	**1 ... 1**	**F**	55108-5
@codeSystem		**1 ... 1**	**F**	2.16.840.1.113883.6.1 (LOINC)

Item	DT	Card	Conf	Description
@codeSystemName		**1 ... 1**	**F**	LOINC
@displayName		**1 ... 1**	**F**	Clinical presentation
hl7:title	**ST**	**1 ... 1**	**M**	Fixed human readable title of this section. ▪ [ge]: 'Original Darstellung' ▪ [fr]: 'Représentation originale' ▪ [it]: 'Rappresentazione originale' ▪ [en]: 'Original representation'
	Variable let	Name		languageCode
		Value		substring(ancestor::hl7:ClinicalDocument/hl7:languageCode/@code,1,2)
	Schematron assert	role		error
		test		not($languageCode='ge') or (text()='Original Darstellung')
		Message		The German title must read 'Original Darstellung'
	Schematron assert	role		error
		test		not($languageCode='fr') or (text()='Représentation originale')
		Message		The French title must read 'Représentation originale'
	Schematron assert	role		error
		test		not($languageCode='it') or (text()='Rappresentazione originale')
		Message		The Italian title must read 'Rappresentazione originale'
	Schematron assert	role		error
		test		not($languageCode='en') or (text()='Original representation')
		Message		The English title must read 'Original representation'
hl7:text	**SD.TEXT**	**1 ... 1**	**M**	MUST contain the reference (renderMultiMedia/@referencedObject) to the corrsponding observat (embedded PDF) that shows the original representation signed by the legal authenticator.
hl7:renderMultiMedia		**1 ... 1**	**M**	
@referencedObject		**1 ... 1**	R	The reference to the corrsponding observationMedia element.

Item	DT	Card	Conf	Description
hl7:entry		**1 .. 1**	**M**	Contains 2.16.756.5.30.1.1.10.4.83 *Observation Media* (DYNAMIC)
@typeCode	st	**1 .. 1**	F	DRIV
	Schematron assert	role	error	
		test	hl7:text/hl7:renderMultiMedia/@referencedObject=hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/@ID	
		Message	The referenced multimedia object MUST be declared in an entry of the same section.	
	Schematron assert	role	error	
		test	hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/hl7:value/@mediaType='appli	
		Message	The referenced multimedia object MUST have the mime type set tp 'application/pdf'.	

5.2.33 Laboratory Battery Organizer - Antibiogram 2.16.756.5.30.1.1.10.4.87 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.4.87	**Effective Date**	2020-06-26 Other versions this id: ▪ cdachlrep_entry_LaboratoryBatteryOrganize as of 2018-04-19
Status	Active	**Version Label**	2020
Name	cdachlrep_entry_LaboratoryBatteryOrganizerAntibiogram	**Display Name**	Laboratory Battery Organizer - Antibiogram
Description	Coding of an antibiogram.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.87		
Label	CDA-CH-LREP		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 5 templates, Uses 12 templates		

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 1
2.16.756.5.30.1.1.10.4.85	Containment	Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.18	Containment	Multimedia Embedded Content (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.29	Containment	External document (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.305 *CDA Organizer* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.1.4 *Befundgruppen (Laboratory Battery Organizer)* (DYNAMIC) ref elgabbr-
Example	Example

```
<organizer classCode="BATTERY" moodCode="EVN">

 <templateId root="2.16.756.5.30.1.1.10.4.87"/>
 <templateId root="2.16.756.5.30.1.1.10.4.19"/>
 <templateId root="1.3.6.1.4.1.19376.1.3.1.4"/>
 <code code="29576-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Bacterial susceptibility panel"/>
 <text>

  <reference value="#nartext1"/>
 </text>
 <statusCode code="completed"/>
 <effectiveTime value="20180311201728+01:00"/>
 <component typeCode="COMP">

  <observation classCode="OBS" moodCode="EVN">

   <templateId root="1.3.6.1.4.1.19376.1.3.1.6"/>
   <code code="18861-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Amoxicillin [Susceptibility]"/>
   <text>

    <reference value="#nartext1"/>
   </text>
   <statusCode code="completed"/>
   <effectiveTime value="20180311202253"/>
   <value type="PQ" unit="mg/dL" value="2.0"/>
   <interpretationCode code="R" codeSystem="2.16.840.1.113883.5.83"/>
  </observation>
 </component>
</organizer>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:organizer				Coding of an antibiogram. This organizer MUST be placed as a component within a Pathogen Detecti Laboratory Isolate Organizer.
@classCode	cs	**1 ... 1**	F	BATTERY
@moodCode	cs	**1 ... 1**	F	EVN

Item	DT	Card	Conf	Description
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.87
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.19
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.4
hl7:id	**II**	**0 ... 1**		An ID for this item MAY be filled for traceability.
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
hl7:code	**CD**	**0 ... 1**		The antibiogram MUST be declared using the LOINC code 29576-6 "Bacterial susceptibility panel".
@code	cs	**1 ... 1**	F	29576-6
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1
@codeSystemName	st	**1 ... 1**	F	LOINC
@displayName	st	**1 ... 1**	F	Bacterial susceptibility panel

Item	DT	Card	Conf	Description
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means that all expected results for this results group are present and in a fina The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)		
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Timestamp or period of findings (physiologically relevant period) for all results in this result group.
@value	TS.CH.TZ	**0 ... 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor= used.
hl7:low	**TS.CH.TZ**	**0 ... 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.
	Schematron assert	role	error	
		test	string-length(@value)>11	
		Message	A precision of date and time of day with at least hour and minute is required.	
hl7:high	**TS.CH.TZ**	**0 ... 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.
	Schematron assert	role	error	
		test	string-length(@value)>11	
		Message	A precision of date and time of day with at least hour and minute is required.	
	Schematron assert	role	error	
		test	@nullFlavor='UNK' or @value or (hl7:low and hl7:high)	
		Message	Either the imestamp or the period of the findings MUST be declared. If it is not known, nullFavor='UNK' mu used.	
Choice		**0 ... 1**		IF this result group is based on a specimen of a non-human material, the subject element MUST be de Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containme* (DYNAMIC)

Item	DT	Card	Conf	Description
				▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subjec Containment* (DYNAMIC)
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DY
hl7:performer		**0 ... ***		This CAN be used to indicate who has performed the test. This information supersedes any informati recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)
hl7:author		**0 ... ***		This CAN be used to indicate who has documented the result. This information supersedes any infor recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)
Choice		**0 ... ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - parti Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Cont* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (
hl7:participant		**0 ... ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at hig level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC)
hl7:participant		**0 ... ***		Which external laboratory has delivered the result (RESP). This information supersedes any informa recorded at higher level.

Item	DT	Card	Conf	Description
				Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)
hl7:participant		**0 ... ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)
Choice		**0 ... ***		For "Laboratory Observation" coding, use the filter 'property:susc class:abxbact' on search.loinc.org (https://search.loinc.org/searchLOINC/search.zul?query=property%3Asusc+class%3Aabxbact). Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (D ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)
hl7:component		**0 ... ***		For observation coding, use the filter 'property:susc class:abxbact' on search.loinc.org (see https://search.loinc.org/searchLOINC/search.zul?query=property%3Asusc+class%3Aabxbact). Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP

Item	DT	Card	Conf	Description
hl7:reference		**0 ... ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	REFR
	Schematron assert	role	error	
		test	ancestor::hl7:templateId[@root='2.16.756.5.30.1.1.10.4.85']	
		Message	The antibiogram must be placed in a Pathogen Detection Laboratory Isolate Organizer.	

5.2.34 Laboratory Isolate Organizer - Pathogen Detection 2.16.756.5.30.1.1.10.4.85 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.4.85	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_entry_LaboratoryIsolateOrganizerPathogenDetection	**Display Name**	Laboratory Isolate Organizer - Pathoge
Description	Coding of a pathogen detection.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.85		
Label	CDA-CH-LREP		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 4 templates, Uses 14 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.87	Containment	Laboratory Battery Organizer - Antibiogram (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.18	Containment	Multimedia Embedded Content (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.29	Containment	External document (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.1.5 *BC Laboratory Isolate Organizer* (DYNAMIC) ref bccdapilot-

Example

Example

```
<organizer classCode="CLUSTER" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.85"/>
  <templateId root="2.16.756.5.30.1.1.10.4.17"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.5"/>
  <text>

    <reference value="#nartext1"/>
```

```
</text>
<statusCode code="completed"/>
<effectiveTime value="20180311200054+01:00"/>
<specimen typeCode="SPC">

 <specimenRole classCode="SPEC">

  <id root="2.999" extension="65432132"/>
  <specimenPlayingEntity classCode="MIC">

   <code nullFlavor="UNK">

    <originalText>vergrünende Streptokokken</originalText>
   </code>
  </specimenPlayingEntity>
 </specimenRole>
</specimen>
<component typeCode="COMP">

 <observation classCode="OBS" moodCode="EVN">

  <templateId root="1.3.6.1.4.1.19376.1.3.1.6"/>
  <code code="6463-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Bacteria identified in Unspecified specimen by Culture
  <text>

   <reference value="#nartext2"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime value="20180311200054+01:00"/>
  <value xsi:type="ST">

   vereinzelt
   <reference value="#nartext1"/>
  </value>
 </observation>
</component>
</organizer>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:organizer		**1 ... 1**	**R**	Coding of a pathogen detection.
@classCode	cs	**1 ... 1**	F	CLUSTER
@moodCode	cs	**1 ... 1**	F	EVN
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.85
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.17
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.5
hl7:id	**II**	**0 ... 1**	**R**	An ID for this item MAY be filled for traceability.
@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 registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
hl7:code	**CE**	**0 ... 1**		If the results in this isolate group are associated to a codable group, then the code SHOULD be specified. The code system is not further specified. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. IF this isolate group contains any other results, then the code SHOULD be omitted.
@code	cs	**1 ... 1**	R	The code MUST be specified.

Item	DT	Card	Conf	Description
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALL
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALL Instead, a processing system is to display a user readable language translation of the code from the valu
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means that all expected results for this isolate are present and in a final state.
@code	cs	**1 ... 1**	F	completed
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20309 *ActStatusAbortedCancelledCompleted*		
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Timestamp or period of findings (physiologically relevant period) for all results in this result group.
@value	TS.CH.TZ	**0 ... 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='U used.
hl7:low	**TS.CH.TZ**	**0 ... 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.
	Schematron assert	role	error	
		test	string-length(@value)>11	
		Message	A precision of date and time of day with at least hour and minute is required.	
hl7:high	**TS.CH.TZ**	**0 ... 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.
	Schematron assert	role	error	
		test	string-length(@value)>11	
		Message	A precision of date and time of day with at least hour and minute is required.	
	Schematron assert	role	error	
		test	@nullFlavor='UNK' or @value or (hl7:low and hl7:high)	
		Message	Either the imestamp or the period of the findings MUST be declared. If it is not known, nullFavor='UNK' must used.	
Choice		**0 ... 1**		IF this isolate group is based on a specimen of a non-human material, the subject element MUST be dec

Item	DT	Card	Conf	Description
				Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - Containment* (DYNAMIC)
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)
hl7:specimen		**1 ... 1**	**R**	The specific sub-specimen on which a microorganism was isolated and cultivated.
@typeCode	cs	**1 ... 1**	F	SPC
hl7:specimenRole		**1 ... 1**	**R**	
@classCode	cs	**1 ... 1**	F	SPEC
hl7:id	**II**	**1 ... 1**	**R**	Unique identifier for this isolate, known to the laboratory.
@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 registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.
hl7:specimenPlayingEntity		**1 ... 1**	**R**	
@classCode	cs	**1 ... 1**	F	MIC
hl7:code	**CE**	**1 ... 1**	**R**	Identification of the microorganism, in a standard vocabulary.
@nullFlavor	cs	**0 ... 1**	F	UNK If no code is known, nullFlavor='UNK' MUST be used.

Item	DT	Card	Conf	Description
@code	cs	**0 ... 1**		The code MUST be specified.
@codeSystem	oid	**0 ... 1**		The OID of the code system MUST be specified.
@codeSystemName	st	**0 ... 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALL
@displayName	st	**0 ... 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALL Instead, a processing system is to display a user readable language translation of the code from the valu
Included		**0 ... 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this ele text element MUST contain the reference to the corresponding text in the human readable part, ONLY.
hl7:originalText	**ED**	**0 ... 1**	**C**	
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the correspond

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

Item	DT	Card	Conf	Description
	Schematron assert	role	error	
		test		(@code and @codeSystem) or (@nullFlavor='UNK')
		Message		Either a code with its code system or nullFlavor='UNK' is required.
	Schematron assert	role	error	
		test		not(@nullFlavor='UNK') or (hl7:originalText/text())
		Message		If no code is known, the name of the microorganism MUST be declared in the originalText element.
hl7:performer		**0 ... ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)
hl7:author		**0 ... ***		This CAN be used to indicate who has documented the result. This information supersedes any informa recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)
Choice		**0 ... ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - particip Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Contai* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DY
hl7:participant		**0 ... ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at highe level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC)
hl7:participant		**0 ... ***		Which external laboratory has delivered the result (RESP). This information supersedes any informatio recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)

Item	DT	Card	Conf	Description
hl7:participant		**0 ... ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)
Choice		**1 ... ***		Possible contents: ▪ Coding of the method by means of "Laboratory Observation". The observation MUST be coded by a code having culture as method. Use the filter 'method:culture' on search.loinc.org (see https://search.loinc.org/searchLOINC/search.zul?query=method%3Aculture). ▪ Coding of an antibiogram or by means of "Laboratory Battery Organizer - Antibiogram". Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.87 *Laboratory Battery Organizer - Antib* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYN ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)
hl7:component		**0 ... ***		Coding of the method. The observation MUST be coded by a LOINC code having culture as method. Use filter 'method:culture' on search.loinc.org (see https://search.loinc.org/searchLOINC/search.zul?query=method%3Aculture) Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP
hl7:component		**0 ... ***		Coding of an antibiogram. Contains 2.16.756.5.30.1.1.10.4.87 *Laboratory Battery Organizer - Antibiogram* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP

Item	DT	Card	Conf	Description
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	COMP
hl7:reference		**0 ... ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)
@typeCode	cs	**1 ... 1**	F	REFR

5.2.35 Laboratory Report Data Processing Entry 2.16.756.5.30.1.1.10.4.118 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.4.118	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_entry_LaboratoryReportDataProcessingEntry	**Display Name**	Laboratory Report Data Processing Entry
Description	Each chapter (Laboratory Speciality Section and Laboratory Report Item Section) MUST contain exactly one findings group (CDA Body Laboratory Report Data Processing Entry).		
Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.118		
Label	IHE PalM TF3 Rev.10, 6.3.4.2		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 3 templates, Uses 20 templates		

Used by	as	Name	Version

cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.3.76	Containment	Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.12	Containment	Specimen Received (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.88	Containment	Notification Organizer - Significant Pathogens (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.14	Containment	Notifiable Condition (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.15	Containment	Case Identification (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.16	Containment	Outbreak Identification (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.85	Containment	Laboratory Isolate Organizer - Pathogen Detection (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	DYNAMIC

	2.16.756.5.30.1.1.10.4.18 Containment Multimedia Embedded Content (2020) DYNAMIC 2.16.756.5.30.1.1.10.4.2 Containment Annotation Comments (2016) DYNAMIC 2.16.756.5.30.1.1.10.4.29 Containment External document (2017) DYNAMIC
Relationship	Specialization: template 2.16.756.5.30.1.1.10.4.4 (2018-07-14 12:26:38) ref ? Specialization: template 2.16.840.1.113883.10.12.301 *CDA Act* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.1 *BC Laboratory Report Data Processing Entry* (DYNAMIC) ref bccdapilot-
Example	Example

```
<templateId root="2.16.756.5.30.1.1.10.4.4"/>
<templateId root="1.3.6.1.4.1.19376.1.3.1"/>
<act classCode="ACT" moodCode="EVN">

 <code code="18723-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HEMATOLOGY STUDIES"/>
 <statusCode code="completed"/>
 <!-- One of these templates:

2.16.756.5.30.1.1.10.4.15 - Case Identification

2.16.756.5.30.1.1.10.4.19 - Laboratory Battery Organizer

2.16.756.5.30.1.1.10.4.17 - Laboratory Isolate Organizer

2.16.756.5.30.1.1.10.4.18 - Multimedia Embedded Content

2.16.756.5.30.1.1.10.4.14 - Notifiable Condition

2.16.756.5.30.1.1.10.4.13 - Notification Organizer

2.16.756.5.30.1.1.10.4.16 - Outbreak Identification

2.16.756.5.30.1.1.10.4.11 - Specimen Collection

2.16.756.5.30.1.1.10.4.12 - Specimen Received

-->
```

	</act>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.118	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.2
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.4	
hl7:act					IHE PalM TF3 Rev.10, 6.3.4.2
@classCode	cs	**1 ... 1**	F	ACT	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:id	**II**	**0 ... 1**		An ID for this item MAY be filled for traceability.	IHE PalM

Item	DT	Card	Conf	Description	Label
					TF3 Rev.10, 6.3.4.2
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**M**	The same code as in the chapter (Laboratory Speciality Section Code or Laboratory Report Item Section Code) MUST be used. Both codes MUST be the identical.	IHE PalM TF3 Rev.10, 6.3.4.2
@code	st	**1 ... 1**	R		
@codeSystem	oid	**1 ... 1**	R		
@codeSystemName	st	**1 ... 1**	R		
@displayName	st	**1 ... 1**	R		
hl7:text	**ED**		**NP**	In the Laboratory Report Data Processing Entry, the text element is NOT PERMITTED for laboratory findings in Switzerland.	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means that all expected results for this findings group are present and in a final state. The status 'active' means that the examinations are still running. Some results are still pending. The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.	IHE PalM TF3 Rev.10, 6.3.4.2

Item	DT	Card	Conf	Description	Label
@code	st	**1 ... 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20309 *ActStatusAbortedCancelledCompleted* (DYNAMIC)			
Choice		**0 ... 1**		IF this findings group is based on a specimen of a non-human material, this MUST be declared with the subject element. Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:performer		**0 ... ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:author		**0 ... ***		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
Choice		**0 ... ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP).	

Item	DT	Card	Conf	Description	Label
				▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	
hl7:participant		**0 ... ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:participant		**0 ... ***		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:participant		**0 ... ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
Choice		**1 ... ***		A findings group may contain the following elements. **Note:**The usage of Laboratory Observations, permitted by XD-LAB is NOT ALLOWED for this specification. Such Laboratory Observations MUST be placed in a Laboratory Battery Organizer. Elements to choose from: ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
				▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.13 *Notification Organizer* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.88 *Notification Organizer - Significant Pathogens* (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 2.16.756.5.30.1.1.10.4.85 *Laboratory Isolate Organizer - Pathogen Detection* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.19 *Laboratory Battery Organizer* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.13 *Notification Organizer* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.88 *Notification Organizer - Significant Pathogens* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.17 *Laboratory Isolate Organizer* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.85 *Laboratory Isolate Organizer - Pathogen Detection* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.19 *Laboratory Battery Organizer* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:reference		**0 ... ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	REFR	
	Schematron assert	role	error		
		test	(hl7:code/@code=parent::hl7:entry/parent::hl7:section/hl7:code/@code) and (hl7:code/@codeSystem=parent::hl7:entry/parent::hl7:section/hl7:code/@codeSystem)		
		Message	The code MUST be the identical to the one of the section.		

5.2.36 Notifiable Condition - Significant Pathogen 2.16.756.5.30.1.1.10.4.86 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.4.86	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_entry_NotifiableConditionSignificantPathogen	**Display Name**	Notifiable Condition - Significant Pathogen
Description	Coding of a significant pathogen.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.86		
Label	CDA-CH-LREP		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 5 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46

	2.16.756.5.30.1.1.10.4.88	Containment	Notification Organizer - Significant Pathogens (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
	2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.1.1.1 *Notification Condition* (DYNAMIC) ref elgabbr-

Example

Example

```
<observation classCode="COND" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.86"/>
  <templateId root="2.16.756.5.30.1.1.10.4.14"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1.1"/>
  <code code="170516003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Notification of disease">

    <qualifier>

      <name code="246087005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Source of specimen"/>
      <value code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>
    </qualifier>
  </code>
  <statusCode/>
  <effectiveTime>

    <low value="20180311203542"/>
  </effectiveTime>
  <value xsi:type="CE" displayName="Escherichia coli serotype [Identifier] in Isolate" codeSystemName="LOINC"
codeSystem="2.16.840.1.113883.6.1" code="20789-4"/>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation					CDA-... LREP
@classCode	cs	**1 ... 1**	F	COND	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.86	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.14	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.1.1	
hl7:id	**II**	**0 ... ***		An ID for this item MAY be filled for traceability.	CDA-... LREP
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**R**		CDA-... LREP

Item	DT	Card	Conf	Description	Label
@code	cs	**1 ... 1**	F	170516003	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 ... 1**	F	SNOMED CT	
@displayName	st	**1 ... 1**	F	Notification of disease	
hl7:qualifier	**CR**	**1 ... 1**	**R**	A qualification of the notifiable condition MUST be specified.	CDA-...LREP
hl7:name	**CV**	**1 ... 1**	**R**	Qualifies the code with the source of specimen	CDA-...LREP
@code	cs	**1 ... 1**	F	246087005	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 ... 1**	F	SNOMED CT	
@displayName	st	**1 ... 1**	F	Source of specimen	
hl7:value	**CD**	**1 ... 1**	**R**	Identifies the specimen source of the condition – patient, food, water, ...	CDA-...LREP
@code	cs	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The code MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	

Item	DT	Card	Conf	Description	Label
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means the patient has been associated with the given notifiable condition. The status 'aborted' means the patient was associated with the notifiable condition in error.	CDA-...LREP
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Timestamp of the sampling.	CDA-...LREP
hl7:value	**CE**	**1 ... 1**	**R**	A code that defines the reportable state MUST be specified. If no code is known, nullFlavor='NA' MUST be used.	CDA-...LREP
@nullFlavor	cs	**0 ... 1**	F	NA If no code is known, nullFlavor='NA' MUST be used.	
@code	cs	**0 ... 1**		The code MUST be specified.	
@codeSystem	oid	**0 ... 1**		The OID of the code system MUST be specified.	
@codeSystemName	st	**0 ... 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**0 ... 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Schematron assert	role	● error		
		test	(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='NA')		
		Message	Either a code with its code system or nullFlavor='NA' is required.		

5.2.37 Notification Organizer - Significant Pathogens 2.16.756.5.30.1.1.10.4.88 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.4.88	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_entry_NotificationOrganizerSignificantPathogens	**Display Name**	Notification Organizer - Significant Pathogens
Description	Coding of significant pathogens.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.88		
Label	CDA-CH-LREP		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 4 templates, Uses 1 template		

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.86	Containment	Notifiable Condition - Significant Pathogen (2020)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.4.13 *Notification Organizer* (DYNAMIC) ref ch-palm- Specialization: template 1.3.6.1.4.1.19376.1.3.1.1 *BC Notification Organizer* (DYNAMIC) ref bccdapilot- Specialization: template 2.16.840.1.113883.10.12.305 *CDA Organizer* (2005-09-07) ref ad1bbr-
Example	Example

```
<organizer classCode="CLUSTER" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.88"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1"/>
  <statusCode code="completed"/>
  <component>

    <!-- template 2.16.756.5.30.1.1.10.4.86 'Notifiable Condition - Significant Pathogen' -->

  </component>
</organizer>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:organizer					CDA-...LREP
@classCode	cs	**1 ... 1**	F	CLUSTER	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.88	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.13	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.1	

Item	DT	Card	Conf	Description	Label
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means that the patient is assigned to the notification.	CDA-... LREP
@code	st	**1 ... 1**	F	completed	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:component		**1 ... ***		Contains 2.16.756.5.30.1.1.10.4.86 *Notifiable Condition - Significant Pathogen* (DYNAMIC)	CDA-... LREP

5.2.38 AssignedEntity Compilation for Laboratory 2.16.756.5.30.1.1.10.9.47 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.9.47	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_header_AssignedEntityForLaboratory	**Display Name**	AssignedEntity Compilation for Laboratory
Description	Reusable template for assigned entities a CDA-CH-LREP document.		
Label	CDA-CH-LREP		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 3 templates, Uses 3 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.61	Containment	Legal Authenticator (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19

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

Relationship Specialization: template 2.16.840.1.113883.10.12.153 *CDA AssignedEntity* (2005-09-07) ref ad1bbr-

Example

Example

```
<assignedEntity>

  <id root="2.51.1.3" extension="7601111111111"/>
  <addr>

    <!-- template 2.16.756.5.30.1.1.10.9.35 'Address Information Compilation - eCH-0010' -->

  </addr>
  <telecom value="tel:+41.33.123.45.67"/>
  <assignedPerson>

    <!-- template 2.16.756.5.30.1.1.10.9.34 'Person Name Information Compilation - eCH-0011' -->

  </assignedPerson>
  <representedOrganization>

    <!-- template 2.16.756.5.30.1.1.10.9.27 'Organization Compilation with name, addr, telecom' -->

  </representedOrganization>
</assignedEntity>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
	Schematron assert	role	error		
		test		(hl7:telecom[@use='PUB' and starts-with(@value,'tel:+')]) and (hl7:telecom[@use='PUB' and starts-with(@value,'mailto:')])	
		Message		A public telephone number in the international format and a public eMail address are required.	

Item	DT	Card	Conf	Description	Label
	Schematron assert	role	error		
		test	(hl7:addr[@use='PUB'])		
		Message	A public address is required.		
hl7:id	**II**	**1 ... ***	**R**	A GS1 GLN is required. If it is not (yet) known, this MUST be declared using nullFlavor.	CDA-... LREP
@nullFlavor	cs	**0 ... 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 ... 1**	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	**0 ... 1**		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is required.		
hl7:addr	**AD**	**1 ... ***	**R**	Address of the laboratory. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-... LREP
hl7:telecom	**TEL**	**1 ... ***	**R**	Phone and eMail of the laboratory.	CDA-... LREP
hl7:assignedPerson		**0 ... 1**		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-... LREP
hl7:representedOrganization		**0 ... 1**		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	CDA-... LREP

Item	DT	Card	Conf	Description	Label
				Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	

5.2.39 Author 2.16.756.5.30.1.1.10.2.59 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.59	**Effective Date**	2020-06-26 Other versions this id: ▪ cdachlrep_header_Author as of 2018-04-19
Status	Active	**Version Label**	2020
Name	cdachlrep_header_Author	**Display Name**	Author
Description	Information about the author of the document. The author MAY be a person or a device. At least one author MUST be declared.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.59		
Label	CDA-CH-LREP		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 4 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

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

	2.16.756.5.30.1.1.10.9.27 Containment Organization Compilation with name, addr, telecom (2017) DYNAMIC
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.23 *Author* (DYNAMIC) ref hl7chcda- Specialization: template 2.16.840.1.113883.10.12.102 *CDA author* (2005-09-07) ref ad1bbr-
Example	Sample author

```
<author>

 <templateId root="2.16.756.5.30.1.1.10.2.59"/>
 <templateId root="2.16.756.5.30.1.1.10.9.23"/>
 <time value="20170905"/>
 <assignedAuthor>

  <id root="2.51.1.3" extension="7608888888888"/>
  <assignedPerson>

   <name>

    <prefix>Dr. med.</prefix>
    <given>Allzeit</given>
    <family>Bereit</family>
   </name>
  </assignedPerson>
  <representedOrganization>

   <id root="2.51.1.3" extension="7609999999999"/>
   <name>Gruppenpraxis CH</name>
   <telecom value="tel:+41.32.234.55.66" use="WP"/>
   <telecom value="fax:+41.32.234.55.67" use="WP"/>
   <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
   <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
   <addr use="WP">

    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
   </addr>
  </representedOrganization>
```

```
  </assignedAuthor>
</author>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:author		**1 ... ***	**R**	Information about the author of the document. The author MAY be a person or a device. At least one author MUST be declared.	CDA-...LREP
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.59	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.9.23	
hl7:functionCode	**CE**	**0 ... 1**			CDA-...LREP
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 *ParticipationFunction* (DYNAMIC)			
hl7:time	**TS.CH.TZ**	**1 ... 1**	**R**	Date and time of the laboratory report creation.	CDA-...LREP
hl7:assignedAuthor		**1 ... 1**	**R**		CDA-...LREP
	Schematron assert	role	error		
		test	not(hl7:assignedAuthoringDevice/hl7:softwareName) or (hl7:representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
	Schematron assert	role	error		

Item	DT	Card	Conf	Description	Label
		test		(hl7:telecom[@use='PUB' and starts-with(@value,'tel:+')]) and (hl7: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		(hl7:addr[@use='PUB'])	
		Message		A public address is required.	
hl7:id	**II**	**1 ... 1**	**R**	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-...LREP
@nullFlavor	cs	**0 ... 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 ... 1**	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	**0 ... 1**		The GS1 GLN.	
	Schematron assert	role		error	
		test		(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')	
		Message		Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	
hl7:id	**II**	**0 ... ***		Other ids are allowed.	CDA-...LREP
@root	cs	**1 ... 1**	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		The id itself. It MUST be unique within the issuing system.	

Item	DT	Card	Conf	Description	Label
hl7:addr	**AD**	**1 ... ***		Address of the laboratory. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-... LREP
hl7:telecom	**TEL**	**1 ... ***		Means of communication of the laboratory (phone, eMail, ...).	CDA-... LREP
Choice		**1 ... 1**		Elements to choose from: ▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC) ▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	
hl7:assignedPerson		**0 ... 1**		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-... LREP
hl7:assignedAuthoringDevice		**0 ... 1**		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CDA-... LREP
hl7:representedOrganization		**0 ... 1**		The author's organization. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	CDA-... LREP
	Schematron assert	role	error		
		test	/hl7:ClinicalDocument/hl7:author/hl7:functionCode/hl7:translation[@code='3212' and @codeSystem='2.16.840.1.113883.2.9.6.2.7']		
		Message	At least one of the listed authors MUST be a laboratory specialist.		

5.2.40 Custodian 2.16.756.5.30.1.1.10.2.60 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.60	**Effective Date**	2020-06-26 Other versions this id: ▪ cdachlrep_header_Custodian as of 2018-04-19

Status	Active	**Version Label**	2020
Name	cdachlrep_header_Custodian	**Display Name**	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.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.60
Label	CDA-CH-LREP
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

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

Relationship Specialization: template 2.16.756.5.30.1.1.10.2.3 *Custodian* (DYNAMIC) ref hl7chcda-

Example

Example

```
<custodian>

  <templateId root="2.16.756.5.30.1.1.10.2.3"/>
  <templateId root="2.16.756.5.30.1.1.10.2.60"/>
  <assignedCustodian>

    <representedCustodianOrganization>

      <id root="2.51.1.3" extension="7606666666666"/>
      <name use="L">Labor Pipette</name>
      <telecom use="PUB" value="tel:+41.33.123.45.67"/>
```

```
    <addr use="PUB">

      <streetName>Reagenziumstrasse</streetName>
      <houseNumber>321</houseNumber>
      <postalCode>8888</postalCode>
      <city>Analyzerstadt</city>
      <country>CH</country>
    </addr>
  </representedCustodianOrganization>
 </assignedCustodian>
</custodian>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:custodian		**1 ... 1**	**R**		CDA-...LREP
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.3	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.60	
hl7:assignedCustodian		**1 ... 1**	**R**		CDA-...LREP
hl7:representedCustodianOrganization		**1 ... 1**	**R**		CDA-...LREP
	Schematron assert	role	error		
		test	(hl7:telecom[@use='PUB' and starts-with(@value,'tel:+')])		
		Message	A public telephone number in the international format is required.		

Item	DT	Card	Conf	Description	Label
	Schematron assert	role	error		
		test	(hl7:addr[@use='PUB'])		
		Message	A public address is required.		
hl7:id	**II**	**1 ... ***	**R**	The specification of GS1 GLN is required. If it is not (yet) known, this must be declared using nullFlavor.	CDA-...-LREP
@nullFlavor	cs	**0 ... 1**	F	NAV Temporarily unknown, will be filled later.	
@root	cs	**0 ... 1**	F	2.51.1.3 OID for GS1 GLN	
@extension	st	**0 ... 1**		The GS1 GLN of the laboratory or the doctor's office (in the case of individual practices, the doctor's GLN).	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is required.		
hl7:id	**II**	**0 ... ***	**C**	SASIS number (ge:ZSR / fr:RCC), if the lab services are to be refunded by the insurance.	CDA-...-LREP
@root	cs	**1 ... 1**	F	2.16.756.5.30.1.123.100.2.1.1 OID for SASIS number (ge:ZSR / fr:RCC).	
@extension	st	**1 ... 1**	R	SASIS number (ge:ZSR / fr:RCC) of the laboratory or the physician.	
hl7:name	**ON**	**1 ... 1**	**R**	Name of the laboratory.	CDA-...-LREP
hl7:telecom	**TEL**	**1 ... 1**	**R**	Means of communication of the laboratory (phone., eMail, ...).	CDA-...-LREP

Item	DT	Card	Conf	Description	Label
hl7:addr	**AD**	**1 ... 1**	**R**	Address of the laboratory. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-CH-LREP

5.2.41 Document Code 2.16.756.5.30.1.1.10.2.56 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.56	**Effective Date**	2020-06-26 Other versions this id: ▪ cdachlrep_header_DocumentCode as of 2018-04-19
Status	Active	**Version Label**	2020
Name	cdachlrep_header_DocumentCode	**Display Name**	Document Code

Description

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

- 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'

Label	IHE PalM TF3 Rev.10, 6.3.2.5
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version

	cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
	2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
	2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Relationship	Specialization: template 2.16.756.5.30.1.1.10.2.44 *Document Code* (DYNAMIC) ref hl7chcda-
Example	Laboratory Reports, CDA-CH-LREP V1, General laboratory report <!-- IHE XD-LAB defines the valid document codes --> <code code="11502-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="LABORATORY REPORT.TOTAL"> <!-- Mapping to the Swiss EPR XDS.b metadata --> <translation code="4241000179101" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Laboratory report"/> </code>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:code	**CE**	**1 .. 1**	**M**	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. ▪ 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'	IHE PalM TF3 Rev.10, 6.3.2.5
@code	cs	**1 .. 1**	R	The exact value of @code MUST either read '11502-2' or taken from the value-set 'Laboratory Specialties'.	
@codeSystem	oid	**1 .. 1**	F	2.16.840.1.113883.6.1	

Item	DT	Card	Conf	Description	Label
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	R	The exact value of @displayName MUST either read 'LABORATORY REPORT.TOTAL' or taken from the value-set 'Laboratory Specialties'.	
	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)			
hl7:translation	**CD**	**1 ... 1**	**R**	A translation to the Swiss EPR XDS.b metadata.	IHE PalM TF3 Rev.10, 6.3.2.5
@code	cs	**1 ... 1**	F	4241000179101	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.96	
@codeSystemName	st	**1 ... 1**	F	SNOMED CT	
@displayName	st	**1 ... 1**	F	Laboratory report	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *DocumentEntry.typeCode* (DYNAMIC)			

5.2.42 Document Title 2.16.756.5.30.1.1.10.2.62 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.62	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_header_DocumentTitle	**Display Name**	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
	[ge]: Multidisziplinäre Befunde
11502-2	[fr]: Résultats multidisciplinaires
	[it]: Risultati multidisciplinari

Findings of a particular discipline

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

Label	CDA-CH-LREP
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Example	Multidisciplinary laboratory report in German <title>Laborbefund - Multidisziplinäre Befunde</title>
Example	Multidisciplinary laboratory report in English <title>Laboratory report - Multidisciplinary Laboratory Report</title>
Example	Serology report German <title>Laborbefund - Serologiebefunde</title>

Example	Serology report Englisch <title>Laboratory report - Serologiebefunde</title>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7: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: ▪ [de]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>' ▪ [it]: 'Referto di laboratorio - <human readable code>' ▪ [en]: 'Laboratory report - <human readable code>'	CDA-...-LREP
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or starts-with(text(),'Laboratory report')		
		Message	The English title must start with 'Laboratory report'		
	Schematron assert	role	error		
		test	not($languageCode='de') or starts-with(text(),'Laborbefund')		
		Message	The German title must start with 'Laborbefund'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire')		
		Message	The French title must start with 'Rapport de laboratoire'		
	Schematron assert	role	error		
		test	not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio')		
		Message	The Italian title must start with 'Rapporto di laboratorio'		

5.2.43 Legal Authenticator 2.16.756.5.30.1.1.10.2.61 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.61	Effective Date	2020-06-26

Status	Active	**Version Label**	2020
Name	cdachlrep_header_LegalAuthenticator	**Display Name**	Legal Authenticator
Description	Legal authenticator.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.61		
Label	CDA-CH-LREP		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.47	Containment	AssignedEntity Compilation for Laboratory (2020)	DYNAMIC

Relationship: Specialization: template 2.16.756.5.30.1.1.10.2.5 *Legal Authenticator* (DYNAMIC) ref hl7chcda-

Example

Example

```
<legalAuthenticator>

  <templateId root="2.16.756.5.30.1.1.10.2.61"/>
  <templateId root="2.16.756.5.30.1.1.10.2.5"/>
  <time value="20180320182536+0100"/>
  <signatureCode code="S" codeSystem="2.16.840.1.113883.1.11.10282" codeSystemName="ParticipationSignature" displayName="signed"/>
  <assignedEntity>

    <!-- template 2.16.756.5.30.1.1.10.9.47 'AssignedEntity for Laboratory' -->

  </assignedEntity>
</legalAuthenticator>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:legalAuthenticator		**0 ... 1**		Legal authenticator.	CDA-... LREP
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.61	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.5	
hl7:time	**TS.CH.TZ**	**1 ... 1**	**R**	Date of the signature.	CDA-... LREP
hl7:signatureCode	**CS**	**1 ... 1**	**R**		CDA-... LREP
@code	cs	**1 ... 1**	F	S	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.1.11.10282	
@codeSystemName	st	**1 ... 1**	F	ParticipationSignature	
@displayName	st	**1 ... 1**	F	signed	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 ... 1**	**R**	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.	CDA-... LREP

Item	DT	Card	Conf	Description	Label
				Contains 2.16.756.5.30.1.1.10.9.47 *AssignedEntity Compilation for Laboratory* (DYNAMIC)	

5.2.44 Human Patient - recordTarget 2.16.756.5.30.1.1.10.2.58 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.58	**Effective Date**	2020-06-26 Other versions this id: ▪ cdachlrep_header_Patient as of 2018-04-19
Status	Active	**Version Label**	2020
Name	cdachlrep_header_Patient	**Display Name**	Human 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.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.58
Label	CDA-CH-LREP
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version

cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship Specialization: template 2.16.840.1.113883.10.12.101 *CDA recordTarget* (2005-09-07) ref ad1bbr-

Example

Pseudonymization with initials

```
<recordTarget>

  <templateId root="2.16.756.5.30.1.1.10.2.58"/>
  <templateId root="2.16.756.5.30.1.1.10.2.1"/>
  <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>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:recordTarget		**1 ... ***	**R**	Patient (Human Patient).	CDA-... LREP

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.58	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.1	
hl7:patientRole		**1 ... 1**	**R**	Exactly one patient MUST be declared.	CDA-... LREP
hl7:id	**II**	**1 ... ***	**R**	At least one patient identification MUST be declared.	CDA-... LREP
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the patient number itself. The number MUST be unique within the system that has issued the number.	
hl7:addr	**AD**	**1 ... ***	**R**	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-... LREP
hl7:telecom	**TEL**	**1 ... ***	**R**	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	CDA-... LREP
hl7:patient		**1 ... 1**	**R**	Exactly one patient MUST be declared.	CDA-... LREP
hl7:name	**PN**	**1 ... ***	**R**	All persons (including patients) and organizations, MUST according to XD-LAB contain name, addr and telecom.	CDA-... LREP

Item	DT	Card	Conf	Description	Label
hl7:administrativeGenderCode	**CE**	**1 ... 1**	**R**	The patient's gender.	CDA-...LREP
@nullFlavor	cs	**0 ... 1**			
@code	cs	**0 ... 1**			
@codeSystem	oid	**0 ... 1**	F	2.16.840.1.113883.5.1	
@codeSystemName	st	**0 ... 1**	F	HL7 AdministrativeGender	
@displayName	st	**0 ... 1**			
	Schematron assert	role	error		
		test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))		
		Message	Either nullFlavor or a valid code is required.		
hl7:birthTime	**TS**	**1 ... 1**	**R**	The date of birth of the patient MUST be given according to XD-LAB.	CDA-...LREP

5.2.45 Recipient 2.16.756.5.30.1.1.10.2.57 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.57	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_header_Recipient	**Display Name**	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.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.57

Label	CDA-CH-LREP
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 3 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

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

Relationship	Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.4 *XD-LAB Information Recipient* (DYNAMIC) ref XDLAB- Specialization: template 2.16.756.5.30.1.1.10.2.4 *Recipient - informationRecipient* (DYNAMIC) ref hl7chcda-
Example	Example

```
<informationRecipient typeCode="PRCP">

 <templateId root="2.16.756.5.30.1.1.10.2.4"/>
 <templateId root="2.16.756.5.30.1.1.10.2.57"/>
 <templateId root="1.3.6.1.4.1.19376.1.3.3.1.4"/>
 <intendedRecipient>

  <addr use="WP">

   <streetName>Spitalstr.</streetName>
   <houseNumber>23</houseNumber>
   <postalCode>8888</postalCode>
   <city>Musterhausen</city>
   <country>CH</country>
  </addr>
```

```
    <telecom use="PUB" value="tel:+41.32.211.11.11"/>
    <receivedOrganization>

      <name>Kantonales Spital, Aerztliche Leitung, Klinik für Orthopädie</name>
      <telecom use="PUB" value="tel:+41.32.211.11.11"/>
      <addr use="WP">

        <streetName>Spitalstr.</streetName>
        <houseNumber>23</houseNumber>
        <postalCode>8888</postalCode>
        <city>Musterhausen</city>
        <country>CH</country>
      </addr>
    </receivedOrganization>
  </intendedRecipient>
</informationRecipient>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:informationRecipient		**1 ... ***		The laboratory report MUST contain at least one receiver.	CDA-...LREP
@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)			
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.4	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.57	

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-...LREP
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.1.4	
hl7:intendedRecipient		**1 ... 1**	**M**	The laboratory report MUST contain at least one receiver.	CDA-...LREP
hl7:addr	**AD**	**1 ... ***	**R**	An address MUST be present according to XD-LAB. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	CDA-...LREP
hl7:telecom	**TEL**	**1 ... ***	**R**	A communication mean MUST be present according to XD-LAB.	CDA-...LREP
hl7:informationRecipient		**0 ... 1**		If the person of the recipient is used, it MUST according to XD-LAB declare a name. Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (DYNAMIC)	CDA-...LREP
hl7:receivedOrganization		**0 ... 1**		If the organization of the recipient is used, it MUST according to XD-LAB declare name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.27 *Organization Compilation with name, addr, telecom* (DYNAMIC)	CDA-...LREP
	Schematron assert	role	error		
		test	hl7:informationRecipient[not(@nullFlavor)] or hl7:receivedOrganization[not(@nullFlavor)]		
		Message	Either the recipients person or organization MUST be declared.		

5.2.46 Document Template Ids CDA-CH-LREP V1 2.16.756.5.30.1.1.10.2.55 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.2.55	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020

Name	cdachlrep_header_TemplateIdsCdaChLrepV1	**Display Name**	Document Template Ids CDA-CH-LREP V1
Description	CDA-CH-LREP V1 bases on CDA-CH V2.1 (2020) and XD-LAB (IHE PaLM TF 10.0, 2019).		
Label	CDA-CH-LREP		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Example

Example

```
<ClinicalDocument>

  <!-- ... -->

  <templateId root="2.16.756.5.30.1.1.1.1.3.9.1"/>
  <templateId root="2.16.756.5.30.1.127.1.4"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3"/>
  <!-- ... -->

</ClinicalDocument>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**0 ... 1**		CDA-CH-LREP / Laboratory Reports V1 specification. This is an informational reference, only.	CDA-...-LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.1.1.3.9.1	

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**	Exchange format according to the Swiss EPR	CDA-... LREP
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.127.1.4	
hl7:templateId	**II**	**1 ... 1**	**M**	Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision Revision 8.0 - June 21, 2017.	CDA-... LREP
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3	

5.2.47 Laboratory Report Item Section - coded 2.16.756.5.30.1.1.10.3.76 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.3.76	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_section_LaboratoryReportItemCoded	**Display Name**	Laboratory Report Item Section - coded

Description

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

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

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.76
Label	IHE PalM TF3 Rev.10, 6.3.3.2
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.3.77	Containment	Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.3.5 *Laboratory Report Item Section - coded* (2017-06-21) ref ch-palm-

Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.3.2.2 *Laboratory Report Item Section* (2008-08-08) ref XDLAB-

Example

Example

```
<section>

  <templateId root="1.3.6.1.4.1.19376.1.3.3.2.2"/>
  <templateId root="2.16.756.5.30.1.1.10.3.5"/>
  <code displayName="Cell marker studies" codeSystemName="LOINC" codeSystem="2.16.840.1.113883.6.1" code="18718-7"/>
  <title>Laborbefund - Molekularbiologie</title>
  <text/>
  <entry typeCode="DRIV">

    <!-- template 2.16.756.5.30.1.1.10.4.4 'Laboratory Report Data Processing Entry' -->

  </entry>
</section>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:section					IHE PalM TF3 Rev.10, 6.3.3.2

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.2
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.2.2	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.5	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.76	
hl7:id	**II**	**0 ... 1**		An ID for this section MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.3.2
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**R**	This declares the laboratory discipline of the section.	IHE PalM TF3 Rev.10, 6.3.3.2

Item	DT	Card	Conf	Description	Label
@code	cs	**1 ... 1**	R	The code MUST be declared and taken from the value set 'Laboratory Specialties'.	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName		**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 *Laboratory Specialties* (DYNAMIC)			
hl7:title	**ST**	**1 ... 1**	**M**	The title of the chapter MUST be specified and correspond to the following text format, where <human readable code> contains the corresponding translation of the document LOINC code: ▪ [ge]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>' ▪ [it]: 'Referto di laboratorio - <human readable code>' ▪ [en]: 'Laboratory Specialty - <human readable code>' The following translations of the LOINC codes given in XD-LAB MUST be used: **LOINC Code** **Text** 18717-9 [ge]: Immunhämatologie [fr]: Immunohématologie [it]: Immunoematologia 18718-7 [ge]: Molekularbiologie [fr]: Biologie moléculaire [it]: Biologia molecolare 18719-5 [ge]: Chemie	IHE PalM TF3 Rev.10, 6.3.3.2

Item	DT	Card	Conf	Description		Label
					[fr]: Chimie [it]: Chimica [ge]: Gerinnung	
				18720-3	[fr]: Coagulation [it]: Coagulazione [ge]: Medikamente	
				18721-1	[fr]: Médicaments [it]: Medicamenti [ge]: Fertilität	
				18722-9	[fr]: Fertilité [it]: Fertilità [ge]: Hämatologie	
				18723-7	[fr]: Hématologie [it]: Ematologia [ge]: HLA	
				18724-5	[fr]: HLA [it]: HLA [ge]: Mikrobiologie	
				18725-2	[fr]: Microbiologie [it]: Microbiologia [ge]: Serologie	
				18727-8	[fr]: Sérologie [it]: Sierologia	

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

Item	DT	Card	Conf	Description	Label
				26438-2 [ge]: Zytologie [fr]: Cytologie [it]: Citologia	
	Example	German <title>Laborbefund - Immunhämatologie</title>			
	Example	English <title>Laboratory Specialty - Blood Bank Studies</title>			
	Variable let	Name: languageCode Value: substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)			
	Schematron assert	role: error test: not($languageCode='en') or starts-with(text(),'Laboratory report') Message: The English title must start with 'Laboratory report'			
	Schematron assert	role: error test: not($languageCode='de') or starts-with(text(),'Laborbefund') Message: The German title must start with 'Laborbefund'			
	Schematron assert	role: error test: not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire') Message: The French title must start with 'Rapport de laboratoire'			
	Schematron assert	role: error test: not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio') Message: The Italian title must start with 'Rapporto di laboratorio'			
hl7:text	**SD.TEXT**	**1 ... 1**	**R**	The laboratory results MUST be automatically generated readable for humans in the text element of the section from the information in the Laboratory Data Processing Entry.	IHE PalM TF3 Rev.10, 6.3.3.2
hl7:entry		**1 ... 1**	**R**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry.	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
				Contains 2.16.756.5.30.1.1.10.4.118 *Laboratory Report Data Processing Entry* (DYNAMIC)	Rev.10, 6.3.3.2
@typeCode	cs	**1 ... 1**	F	DRIV	

5.2.48 Laboratory Speciality Section - coded 2.16.756.5.30.1.1.10.3.77 - 2020-06-26 (2020)

Id	2.16.756.5.30.1.1.10.3.77	**Effective Date**	2020-06-26
Status	Active	**Version Label**	2020
Name	cdachlrep_section_LaboratorySpecialtyCoded	**Display Name**	Laboratory Speciality Section - coded

Description

Chapter (CDA Body Section) with laboratory results according to Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision 8.0 - June 21, 2017.

Each Laboratory Specialty Section contains laboratory tests of a particular discipline (e.g., microbiology or serology).

The Laboratory Specialty Section uses LOINC codes to define the appropriate discipline. Laboratory Specialty Sections MUST NOT be nested.

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

- **Choice 1: Laboratory Report Item Section**

  With this option, this Laboratory Specialty Section SHALL contain NEITHER a top level text NOR entry elements. Each Report Item is contained in a corresponding Laboratory Report Item Section which contains the Lab Report Data Processing Entry.
- **Choice 2: Text and Entry**

  With this option, the examination results MUST be documented in the text element of the section and the corresponding entry element (Laboratory Data Processing Entry).

  The human-readable text MUST be generated automatically from the entry and its sub-elements.

  For this purpose the presentation options according to the CDA Narrative Block schema (NarrativeBlock.xsd) may be used: tables, lists, paragraphs, hyperlinks, footnotes, references to attached or embedded multimedia objects.

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.77
Label	IHE PalM TF3 Rev.10, 6.3.3.1
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 1 template, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2020)	2020-06-26

Uses	as	Name	Version
2.16.756.5.30.1.1.10.3.76	Containment	Laboratory Report Item Section - coded (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.3.3 *Laboratory Speciality Section - coded* (2017-06-21) ref ch-palm-

Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.3.2.1 *Laboratory Specialty Section* (2008-08-08) ref XDLAB-

Example

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

```
<section classCode="DOCSECT">

 <templateId root="2.16.756.5.30.1.1.10.3.3"/>
 <templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/>
 <code code="18723-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HEMATOLOGY STUDIES"/>
 <title>Laborbefund - Hämatologie</title>
 <component>

  <section>

   <templateId root="1.3.6.1.4.1.19376.1.3.3.2.2"/>
   <!-- Leaf Section that holds one Report Item -->

  </section>
 </component>
```

	</section>
Example	Specialty Section that holds Report Items directly as a Laboratory Report Data Processing Entry <section classCode="DOCSECT"> <templateId root="2.16.756.5.30.1.1.10.3.3"/> <templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/> <code code="18719-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="CHEMISTRY STUDIES"/> <title>Laborbefund - Chemie</title> <text>narrative text</text> <entry typeCode="DRIV"> <templateId root="1.3.6.1.4.1.19376.1.3"/> <act classCode="ACT" moodCode="EVN"> ... </act> </entry> </section>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:section					IHE PalM TF3 Rev.10, 6.3.3.1
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.1
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.3	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.1
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.2.1	

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.1
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.77	
hl7:id	**II**	**0 ... 1**		An ID for this section MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.3.1
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**M**	This declares the laboratory discipline of the section.	IHE PalM TF3 Rev.10, 6.3.3.1
@code	st	**1 ... 1**	R		
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 *Laboratory Specialties* (DYNAMIC)			

Item	DT	Card	Conf	Description	Label
hl7:title	**ST**	**1 ... 1**	**R**	The title of the chapter MUST be specified and correspond to the following text format, where <human readable code> contains the corresponding translation of the document LOINC code: ▪ [ge]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>' ▪ [it]: 'Referto di laboratorio - <human readable code>' ▪ [en]: 'Laboratory Specialty - <human readable code>' The following translations of the LOINC codes given in XD-LAB MUST be used: **LOINC Code** **Text** [ge]: Immunhämatologie 18717-9 [fr]: Immunohématologie [it]: Immunoematologia [ge]: Molekularbiologie 18718-7 [fr]: Biologie moléculaire [it]: Biologia molecolare [ge]: Chemie 18719-5 [fr]: Chimie [it]: Chimica [ge]: Gerinnung 18720-3 [fr]: Coagulation [it]: Coagulazione [ge]: Medikamente 18721-1 [fr]: Médicaments [it]: Medicamenti	IHE PalM TF3 Rev.10, 6.3.3.1

Item	DT	Card	Conf	Description		Label
					[ge]: Fertilität	
				18722-9	[fr]: Fertilité	
					[it]: Fertilità	
					[ge]: Hämatologie	
				18723-7	[fr]: Hématologie	
					[it]: Ematologia	
					[ge]: HLA	
				18724-5	[fr]: HLA	
					[it]: HLA	
					[ge]: Mikrobiologie	
				18725-2	[fr]: Microbiologie	
					[it]: Microbiologia	
					[ge]: Serologie	
				18727-8	[fr]: Sérologie	
					[it]: Sierologia	
					[ge]: Toxikologie	
				18728-6	[fr]: Toxicologie	
					[it]: Tessicologia	
					[ge]: Urin Untersuchungen	
				18729-4	[fr]: Analyses dans l'urine	
					[it]: Analisi nelle urine	
					[ge]: Blutgase	
				18767-4	[fr]: Gazométrie	
					[it]: Gasometria	

Item	DT	Card	Conf	Description	Label
				[ge]: Differenzialblutbild 18768-2 [fr]: Répartition leucocytaire [it]: Differenziazione leucocitaria [ge]: Antibiogramme 18769-0 [fr]: Antibiogramme [it]: Antibiogramma [ge]: Molekulare Pathologie 26435-8 [fr]: Pathologie moleculaire [it]: Patologia moleculare [ge]: Laboruntersuchungen 26436-6 [fr]: Études de laboratoire [it]: Esami di laboratorio [ge]: Stimulationen 26437-4 [fr]: Stimulation [it]: Stimolazione [ge]: Zytologie 26438-2 [fr]: Cytologie [it]: Citologia	
	Example	Deutsch <title>Laborbefund - Immunhämatologie</title>			
	Example	Englisch <title>Laboratory Specialty - Blood Bank Studies</title>			
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		

Item	DT	Card	Conf	Description	Label
		test		not($languageCode='en') or starts-with(text(),'Laboratory report')	
		Message		The English title must start with 'Laboratory report'	
	Schematron assert	role		error	
		test		not($languageCode='de') or starts-with(text(),'Laborbefund')	
		Message		The German title must start with 'Laborbefund'	
	Schematron assert	role		error	
		test		not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire')	
		Message		The French title must start with 'Rapport de laboratoire'	
	Schematron assert	role		error	
		test		not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio')	
		Message		The Italian title must start with 'Rapporto di laboratorio'	
hl7:text	**SD.TEXT**	**0 ... 1**	**R**	The narrative text for this section.	IHE PalM TF3 Rev.10, 6.3.3.1
Choice		**1 ... ***		Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.3.76 *Laboratory Report Item Section - coded* (DYNAMIC) ▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.118 *Laboratory Report Data Processing Entry* (DYNAMIC)	
hl7:component		**0 ... ***	**C**	Contains 2.16.756.5.30.1.1.10.3.76 *Laboratory Report Item Section - coded* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.3.1
hl7:entry		**0 ... ***	**C**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.118 *Laboratory Report Data Processing Entry* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.3.1

Item	DT	Card	Conf	Description	Label
@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.	

5.2.49 Gestational Age At Birth 2.16.756.5.30.1.1.10.4.84 - 2020-06-26 (2020) ref cdachvacd-

Id	2.16.756.5.30.1.1.10.4.84 ref cdachvacd-	**Effective Date**	2020-06-26 Other versions this id: ▪ cdachvacd_entry_GestationalAgeAtBirth as of 2018-04-19
Status	Active	**Version Label**	2020
Name	cdachvacd_entry_GestationalAgeAtBirth	**Display Name**	Gestational Age At Birth
Description	The coded gestational age in days of gestation at birth of a patient. This item is intended to be applied for the child but not for the mother.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.84		
Label	CDA-CH-VACVD		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 4 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.3.46	Containment	Other Relevant Observations Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26

	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
	2.16.756.5.30.1.1.10.3.46	Containment	Other Relevant Observations Section - coded (2018)	2018-04-19
	Uses	**as**	**Name**	**Version**
	2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 *IHE Simple Observation* (2016-09-26 08:43:40) ref IHE-PCC-

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Example

Example

```
<templateId root="2.16.756.5.30.1.1.10.4.84"/>
<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
<id root="2.999" extension="extension"/>
<code code="49052-4" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Gestational age in days"/>
<text>

  <reference value="#cr-1"/>
</text>
<statusCode code="completed"/>
<effectiveTime value="20180414175201+02:00"/>
<value type="PQ" value="273" unit="d"/>
<author>

  <!-- template 2.16.756.5.30.1.1.10.9.54 'Author Compilation with id, name, addr and telecom' -->

</author>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation				The coded gestational age in days of gestation at birth of a patient. This item is intended to be applied for the child but not for the mother.	CDA-... ACVD
@classCode	cs	**1 ... 1**	F	OBS	

Item	DT	Card	Conf	Description	Label
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... ACVD
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.84	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-... ACVD
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
hl7:id	**II**	**1 ... 1**	**M**	Each observation SHALL have an identifier.	CDA-... ACVD
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**M**		CDA-... ACVD
@code	cs	**1 ... 1**	F	49052-4	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	F	Gestational age in days	
				from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC)	
Included		**1 ... 1**		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.	

Item	DT	Card	Conf	Description	Label
hl7:text	**ED**	**1 ... 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 ... 1**	**M**	The statusCode SHALL be set to 'completed' for all observations.	CDA-... ACVD
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**TS.CH.TZ**	**1 ... 1**	**R**	Date or timestamp of the finding (physiologically relevant time of this observation).	CDA-... ACVD
hl7:value	**PQ**	**1 ... 1**	**R**	The gestational age, recorded in days. Therefore weeks have to be converted to days and back to weeks by the applications. Examples: ▪ Application --> CDA: 37th week and 4th day = 37 * 7 + 4 days = 263 days	CDA-... ACVD

Item	DT	Card	Conf	Description	Label
				▪ CDA --> application: 178 d = 25 weeks and 3 days	
hl7:author		**0 ... ***	**C**	The author of the statement SHALL be specified either here or in one of the ancestors. Contains 2.16.756.5.30.1.1.10.9.54 *Author Compilation with id, name, addr and telecom* (DYNAMIC)	CDA-... ACVD
	Schematron assert	role		error	
		test		(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::*/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement SHALL be specified either here or in one of the ancestors. It shall contain the time, id, name, addr and telecom elements as specified in IHE PCC TF Vol. 2, section 6.3.4.1 Authors and Informants.	
	Schematron assert	role		info	
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the ancestor section.	
	Schematron assert	role		info	
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:ClinicalDocument/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the author in the document header.	

5.2.50 Other Relevant Observations Section - coded 2.16.756.5.30.1.1.10.3.46 - 2020-06-26 (2020) ref cdachvacd-

Id	2.16.756.5.30.1.1.10.3.46 ref cdachvacd-	**Effective Date**	2020-06-26 Other versions this id: ▪ cdachvacd_section_OtherRelevantObservationsCo as of 2018-04-19
Status	Active	**Version Label**	2020
Name	cdachvacd_section_OtherRelevantObservationsCoded	**Display Name**	Other Relevant Observations Section - coded

Description

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

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

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

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.46
Label	IHE PCC TF2 Rev.11, 6.3.3.5.2
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2018)	2018-04-19
Uses	**as**	**Name**	**Version**

	2.16.756.5.30.1.1.10.4.84 Containment Gestational Age At Birth (2020)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr- Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.3.28 *IHE Coded Results Section* (DYNAMIC) ref IHE-PCC-	

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

Expand All | Collapse All

Item	DT	Card	Conf	Description	La
hl7:section				Chapter (CDA Body Section) containing the coded results according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. This section MAY contain relevant coded results of a patient for the given document context. The section MUST contain at least one Problem entry. In case of no relevant results, one of the 'special case' codes MUST be used. In the context of immunizations, this section may indicate the gestational age of a child if relevant for immunization of the child.	IH TF Re 6.3

Item	DT	Card	Conf	Description	La
				In the context of lab reports, this section may indicate the gestational age of a child if relevant for the observation interpretation.	
hl7:templateId	**II**	**1 ... 1**	**M**		IH TF Re 6.3
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.46	
hl7:templateId	**II**	**1 ... 1**	**M**		IH TF Re 6.3
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.27	
hl7:templateId	**II**	**1 ... 1**	**M**		IH TF Re 6.3
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.28	
hl7:id	**II**	**0 ... 1**	**R**	An ID for this section MAY be filled for traceability.	IH TF Re 6.3
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the p OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**M**		IH TF Re 6.3
@code	st	**1 ... 1**	F	30954-2	

Item	DT	Card	Conf	Description	La
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	F	Relevant diagnostic tests/laboratory data	
hl7:title	**ST**	**1 ... 1**	**M**		IH TF Re 6.3
	CONF	element content shall be "Other relevant observations" -or- element content shall be "Weitere relevante Beobachtungen" -or- element content shall be "Autres observations pertinentes" -or- element content shall be "Ulteriori osservazioni di rilievo"			
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or (text()='Other relevant observations')		
		Message	The English title MUST read 'Other relevant observations'		
	Schematron assert	role	error		
		test	not($languageCode='de') or (text()='Weitere relevante Beobachtungen')		
		Message	The German title must MUST read 'Weitere relevante Beobachtungen'		
	Schematron assert	role	error		
		test	not($languageCode='fr') or (text()='Autres observations pertinentes')		
		Message	The French title MUST read 'Autres observations pertinentes'		
	Schematron assert	role	error		

Item	DT	Card	Conf	Description	La
		test		not($languageCode='it') or (text()='Ulteriori osservazioni di rilievo')	
		Message		The Italian title MUST read 'Ulteriori osservazioni di rilievo'	
hl7:text	**SD.TEXT**	**1 ... 1**	**M**	The narrative text for this section.	IHE TF Rev 6.3
hl7:entry		**1 ... 1**	**R**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.84 *Gestational Age At Birth* (DYNAMIC)	IHE TF Rev 6.3
@typeCode	cs	**1 ... 1**	F	DRIV	

5.2.51 Case Identification 2.16.756.5.30.1.1.10.4.15 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.15 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_CaseIdentification as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_CaseIdentification	**Display Name**	Case Identification
Description	If an examination belongs to a specific case, this CAN be documented with this element (in the Notification Organizer).		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.15		
Label	IHE PalM TF3 Rev.10, 6.3.4.9		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 1 transaction and 10 templates, Uses 0 templates		

Used by	as	Name	Version

	cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
	2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
	2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017)	2017-06-21

Relationship	Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.1.1.2 *Case Identification* (2008-08-08) ref XDLAB-
Example	XD-LAB Example

```
<observation classCode="CASE" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.15"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1.2"/>
  <id root="1.3.6.1.4.1.19376.1.3.4" extension="SALM_83747"/>
  <code code="416341003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Case Started"/>
  <statusCode code="completed"/>
  <effectiveTime value="20080408000000.0000-0400"/>
  <value type="CE" code="27268008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Salmonella"/>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PalM TF3 Rev.10, 6.3.4.9
@classCode	cs	**1 ... 1**	F	CASE	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.9
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.15	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.9
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.1.2	
hl7:id	**II**	**1 ... ***	**R**	The number of the case to which the examinations belong in this section MUST be declared. Multiple case numbers CAN be specified.	IHE PalM TF3 Rev.10, 6.3.4.9
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the case identification itself. The case identification MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**R**	The type of the case MUST be declared with a code. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used.	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.4.9
@code	cs	**1 ... 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means the patient has been associated with the given case number. The status 'aborted' means the patient was associated with the case number in error.	IHE PalM TF3 Rev.10, 6.3.4.9
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**0 ... 1**		MAY contain the period of validity of the case.	IHE PalM TF3 Rev.10, 6.3.4.9
hl7:low	**TS.CH.TZ**	**1 ... 1**	**R**	Start of the period. If it is not known, nullFavor='UNK' MUST be used.	IHE PalM TF3 Rev.10, 6.3.4.9
hl7:high	**TS.CH.TZ**	**1 ... 1**	**R**	End of the period. If it is not known, nullFavor='UNK' MUST be used.	IHE PalM TF3 Rev.10, 6.3.4.9
hl7:value	**CE**	**1 ... 1**	**R**	A not further specified precision of the case MUST be declared according to XD-LAB with data type 'CE'. If no further precision is known, nullFavor='UNK' MUST be used.	IHE PalM

Item	DT	Card	Conf	Description	Label
					TF3 Rev.10, 6.3.4.9
	Schematron assert	role		error	
		test		(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='UNK')	
		Message		Either a code with its code system or nullFlavor='UNK' is required.	

5.2.52 Human Patient with Non-Human Subject - subject Containment 2.16.756.5.30.1.1.10.4.6 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.6 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_HumanPatientWithNonHumanS 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_HumanPatientWithNonHumanSubject	**Display Name**	Human Patient with Non-Human Subject - subject Cont

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 using this element in the CDA body.

The non-human subject SHALL also be represented in the CDA header by using the IHE template "Non-Human Subject" (1.3.6.1.4.1.19376.1.3.3.1.2).

Other parts of the document may contain laboratory observations that base on other samples (including samples taken from the patient).

In addition, the IHE recordTarget template "Human Patient with Non-Human Subject" (1.3.6.1.4.1.19376.1.3.3.1.3) MUST be used in the CDA header.

Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.6
Label	IHE PalM TF3 Rev.10, 6.3.4.4
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 19 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 1
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

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

Relationship

Specialization: template 2.16.840.1.113883.10.12.320 *CDA Subject (Body)* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.3.1 *Human Patient with Non-Human Subject* (DYNAMIC) ref XDLAB-

Example

XD-LAB example

```
<subject>

 <templateId root="2.16.756.5.30.1.1.10.4.6"/>
 <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="2.16.756.5.30.1.1.10.4.6"/>
 <templateId root="1.3.6.1.4.1.19376.1.3.3.1.3.1"/>
 <relatedSubject>
```

```
    <code code="102264005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Cheese">

      <qualifier>

        <name code="105590001" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Substance"/>
        <value code="226760005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Dairy foods"/>
      </qualifier>
    </code>
    <addr>

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

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.6
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.1.3.1
hl7:relatedSubject		**1 ... 1**	**R**	

Item	DT	Card	Conf	Description
hl7:code	**CE**	**1 .. 1**	**R**	The type of the non-human subject (animal species, food, material from nature, etc.) MUST be declared a Code. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from HL7 Vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. If no vocabulary i available, nullFlavor='OTH' including an originalText element MUST be used. In this case, the attributes @code, @codeSystem and @codeSystemName are NOT ALLOWED.
@nullFlavor	cs	**0 .. 1**	F	OTH If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used.
@code	cs	**0 .. 1**		The code MUST be specified.
@codeSystem	oid	**0 .. 1**		The OID of the code system MUST be specified.
@codeSystemName	st	**0 .. 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT AL
@displayName	st	**0 .. 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT AL Instead, a processing system is to display a user readable language translation of the code from the val
Included		**0 .. 1**	**C**	from 2.16.756.5.30.1.1.10.9.49 *Original Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this ele element MUST contain the reference to the corresponding text in the human readable part, ONLY.
hl7:originalText	**ED**	**0 .. 1**	**C**	
hl7:reference	**TEL**	**1 .. 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']
@value		**1 .. 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the correspon
	Schematron assert	role	error	
		test	starts-with(@value,'#')	
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.	
	Variable let	Name	idvalue	
		Value	substring-after(@value,'#')	
	Schematron assert	role	error	

Item	DT	Card	Conf	Description
		test		ancestor::hl7:structuredBody//*[@ID=$idvalue]
		Message		No narrative text found for this reference (no content element within this document has an ID that correspon '<value-of select="$idvalue"/>').
	Schematron assert	role		error
		test		parent::*/text()=ancestor::hl7:structuredBody//*[@ID=$idvalue]/text()
		Message		The originalText content MUST be identical to the narrative text for this reference.
	Schematron assert	role		error
		test		(@code and @codeSystem) or (@nullFlavor='OTH' and hl7:originalText)
		Message		Either a code with its code system or nullFlavor='OTH' with an originalText element is required.
hl7:addr	**AD**	**1 ... 1**	**R**	The address is where the material was located, from which the sample was taken. If it is not known, nullFavor='UNK' MUST be used.
	Schematron assert	role		error
		test		not(@nullFlavor) or (@nullFlavor='UNK')
		Message		If the address is not known, nullFavor='UNK' MUST be used.

5.2.53 Laboratory Battery Organizer 2.16.756.5.30.1.1.10.4.19 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.19 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_LaboratoryBatteryOrganizer as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_LaboratoryBatteryOrganizer	**Display Name**	Laboratory Battery Organizer

Description

According to IHE XD-LAB, the Laboratory Battery Organizer allows the grouping of results.

Laboratory reports MUST contain at least one result group with at least one result.

The grouping of multiple results (Observations) into multiple result groups (Laboratory Battery Organizers) is permitted.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.19
Label	IHE PalM TF3 Rev.10, 6.3.4.12
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 9 templates, Uses 12 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2019)	DYNAMIC

	2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
	2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
	2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	DYNAMIC
	2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	DYNAMIC
	2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	DYNAMIC
	2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	DYNAMIC
	2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	DYNAMIC
	2.16.756.5.30.1.1.10.4.18	Containment	Multimedia Embedded Content (2020)	DYNAMIC
	2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
	2.16.756.5.30.1.1.10.4.29	Containment	External document (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.305 *CDA Organizer* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.1.4 *Befundgruppen (Laboratory Battery Organizer)* (DYNAMIC) ref elgabbr-

Example

Example

```
<organizer classCode="BATTERY" moodCode="EVN">

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

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:organizer					IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.4.12
@classCode	cs	**1 ... 1**	F	BATTERY	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.12
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.19	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.12
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.4	
hl7:id	**II**	**0 ... 1**		An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.4.12
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**0 ... 1**		If the results in this result group are associated to a codable group (e.g., LOINC Code 55429-5 for 'short blood count panel'), then the code SHOULD be specified. The code system is not further specified. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used.	IHE PalM TF3 Rev.10, 6.3.4.12

Item	DT	Card	Conf	Description	Label
				If this result group contains any other results, then the code SHOULD be omitted.	
@code	cs	**1 ... 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means that all expected results for this results group are present and in a final state. The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.	IHE PalM TF3 Rev.10, 6.3.4.12
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Timestamp or period of findings (physiologically relevant period) for all results in this result group.	IHE PalM TF3 Rev.10, 6.3.4.12
@value	TS.CH.TZ	**0 ... 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	
hl7:low	**TS.CH.TZ**	**0 ... 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.12
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		

Item	DT	Card	Conf	Description	Label
hl7:high	**TS.CH.TZ**	**0 ... 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.12
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
	Schematron assert	role	error		
		test	@nullFlavor='UNK' or @value or (hl7:low and hl7:high)		
		Message	Either the timestamp or the period of the findings MUST be declared. If it is not known, nullFavor='UNK' must be used.		
Choice		**0 ... 1**		IF this result group is based on a specimen of a non-human material, the subject element MUST be declared. Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
hl7:performer		**0 ... ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12

Item	DT	Card	Conf	Description	Label
hl7:author		**0 ... ***		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
@typeCode	cs	**1 ... 1**	F	AUT	
Choice		**0 ... ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	
hl7:participant		**0 ... ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
hl7:participant		**0 ... ***		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
hl7:participant		**0 ... ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12

Item	DT	Card	Conf	Description	Label
Choice		**0 ... ***		Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:reference		**0 ... ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.12
@typeCode	cs	**1 ... 1**	F	REFR	

5.2.54 Laboratory Isolate Organizer 2.16.756.5.30.1.1.10.4.17 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.17 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_LaboratoryIsolateOrganizer as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_LaboratoryIsolateOrganizer	**Display Name**	Laboratory Isolate Organizer
Description	The Laboratory Isolate Organizer MUST ONLY be used if it is a microbiological specimen with which isolates/germs were examined.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.17		
Label	IHE PalM TF3 Rev.10, 6.3.4.11		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 8 templates, Uses 12 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26

2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.18	Containment	Multimedia Embedded Content (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.29	Containment	External document (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.1.5 *IHE Laboratory Isolate Organizer* (2008-08-08) ref elga-

Example	XD-LAB Example
	`<organizer classCode="CLUSTER" moodCode="EVN">`
	
	`<templateId root="2.16.756.5.30.1.1.10.4.17"/>`
	`<templateId root="1.3.6.1.4.1.19376.1.3.1.5"/>`
	`<statusCode code="completed"/>`
	`<effectiveTime value="20071108000000.0000-0500"/>`
	`<specimen typeCode="SPC">`
	
	`<specimenRole classCode="ISLT">`
	
	`<id root="1.3.6.1.4.1.19376.1.3.4" extension="55584739"/>`
	`<specimenPlayingEntity classCode="MIC">`
	
	`<code code="79153007" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Salmonella tennessee 6,7,14;z29;1,2,7"/>`
	`</specimenPlayingEntity>`
	`</specimenRole>`
	`</specimen>`
	`<performer typeCode="PRF">`
	
	`<templateId root="1.3.6.1.4.1.19376.1.3.3.1.7"/>`
	`<!-- .. -->`
	
	`</performer>`
	`<author typeCode="AUT"> ... </author>`
	`<participant typeCode="AUTHEN">`
	
	`<templateId root="1.3.6.1.4.1.19376.1.3.3.1.5"/>`
	`<!-- .. -->`
	
	`</participant>`
	`<participant typeCode="RESP">`
	
	`<!-- .. -->`
	
	`</participant>`
	`<participant typeCode="DEV">`
	
	`<!-- .. -->`
	
	`</participant>`

```
  <component>

    <observation classCode="OBS" moodCode="EVN">

      <templateId root="1.3.6.1.4.1.19376.1.3.1.6"/>
      <code code="89029-0" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Microbiology Culture"/>
      <!-- .. -->

    </observation>
  </component>
</organizer>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:organizer					IHE PalM TF3 Rev.10, 6.3.4.11
@classCode	cs	**1 ... 1**	F	CLUSTER	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.11
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.17	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.11
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.5	

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**0 ... 1**	**R**	An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.4.11
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**0 ... 1**		If the results in this isolate group are associated to a codable group, then the code SHOULD be specified. The code system is not further specified. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. IF this isolate group contains any other results, then the code SHOULD be omitted.	IHE PalM TF3 Rev.10, 6.3.4.11
@code	cs	**1 ... 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7: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.	IHE PalM TF3 Rev.10, 6.3.4.11

Item	DT	Card	Conf	Description	Label
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.80 *ActStatusActiveAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**	**R**	Time of results on this isolate (for all results in this result group).	IHE PalM TF3 Rev.10, 6.3.4.11
@value	TS.CH.TZ	**0 ... 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	
hl7:low	**TS.CH.TZ**	**0 ... 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.11
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
hl7:high	**TS.CH.TZ**	**0 ... 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.11
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
	Schematron assert	role	error		
		test	@nullFlavor='UNK' or @value or (hl7:low and hl7:high)		
		Message	Either the timestamp or the period MUST be declared. If it is not known, nullFavor='UNK' must be used.		
Choice		**0 ... 1**		IF this isolate group is based on a specimen of a non-human material, the subject element MUST be declared.	

Item	DT	Card	Conf	Description	Label
				Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
hl7:specimen		**1 ... 1**	**R**	The specific sub-specimen on which a microorganism was isolated and cultivated.	IHE PalM TF3 Rev.10, 6.3.4.11
@typeCode	cs	**1 ... 1**	F	SPC	
hl7:specimenRole		**1 ... 1**	**R**		IHE PalM TF3 Rev.10, 6.3.4.11
@classCode	cs	**1 ... 1**	F	SPEC	
hl7:id	**II**	**0 ... 1**		Unique identifier for this isolate, known to the laboratory.	IHE PalM TF3 Rev.10, 6.3.4.11

Item	DT	Card	Conf	Description	Label
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:specimenPlayingEntity		**1 ... 1**	**R**		IHE PalM TF3 Rev.10, 6.3.4.11
@classCode	cs	**1 ... 1**	F	MIC	
hl7:code	**CE**	**1 ... 1**	**R**	Identification of the microorganism, in a standard vocabulary.	IHE PalM TF3 Rev.10, 6.3.4.11
@code	cs	**1 ... 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:performer		**0 ... ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
hl7:author		**0 ... ***		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	AUT	
Choice		**0 ... ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	
hl7:participant		**0 ... ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
hl7:participant		**0 ... ***		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
hl7:participant		**0 ... ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
Choice		**1 ... ***		Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.19 *Laboratory Battery Organizer* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
				▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.19 *Laboratory Battery Organizer* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.11
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:reference		**0 ... ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.4.11
@typeCode	cs	**1 .. 1**	F	REFR	

5.2.55 Laboratory Observation 2.16.756.5.30.1.1.10.4.3 - 2019-08-20 (2020) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.3 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_LaboratoryObservation as of 2017-06-21
Status	Active	**Version Label**	2020
Name	chpalm_entry_LaboratoryObservation	**Display Name**	Laboratory Observation

Description

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

Code

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

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

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

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

Value

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

- Text findings are declared as free text in the narrative portion of the corresponding section, and the text element MUST contain the corresponding reference to the narrative text. In this case, the observation MAY NOT contain the value element.
- True / False values are declared using the data type BL.
- Encoded values are declared using the data type CD.

- Numeric results are declared using data type PQ in combination with internationally standardized units (UCUM), according to the value set.
- Ratios are declared with data type RTO.

Interpretation

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.3
Label	IHE PalM TF3 Rev.10, 6.3.4.13
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 19 templates, Uses 12 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19

2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.2	Containment	Annotation Comments (2016)	DYNAMIC
2.16.756.5.30.1.1.10.4.22	Containment	Previous Observation (2019)	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 *CDA Observation* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.1.6 *Laborergebnisse (Laboratory Observation)* (DYNAMIC) ref elgabbr-
Example	Example

```
<observation classCode="OBS" moodCode="EVN">

 <templateId root="2.16.756.5.30.1.1.10.4.3"/>
 <templateId root="1.3.6.1.4.1.19376.1.3.1.6"/>
 <code code="2951-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Sodium [Moles/volume] in Serum or Plasma">

  <translation code="1574.00" codeSystemName="Swiss analysis list (AL)" codeSystem="2.16.756.5.30.1.129.1.3" displayName="Natrium, Blut/Plasma/Serum"/>
 </code>
 <text>

  <reference value="#nartext1"/>
 </text>
 <statusCode code="completed"/>
 <effectiveTime value="20180311202253"/>
 <value type="PQ" value="137" unit="mmol/L"/>
 <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>
 <referenceRange typeCode="REFV">

  <observationRange classCode="OBS" moodCode="EVN.CRT">

   <value type="IVL_PQ">

    <low value="135" unit="mmol/L"/>
    <high value="147" unit="mmol/L"/>
   </value>
   <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>
  </observationRange>
 </referenceRange>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation				Laboratory result with interpretation, related previous results, reference range, participants (persons and devices) as well as comments.	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10 6.3.4.1
@classCode	cs	**1 .. 1**	F	OBS	
@moodCode	cs	**1 .. 1**	F	EVN	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PalM TF3 Rev.10 6.3.4.1
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.4.3	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PalM TF3 Rev.10 6.3.4.1
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.3.1.6	
hl7:id	**II**	**0 .. 1**		An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.10 6.3.4.1
@root	uid	**1 .. 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 .. 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 .. 1**	**R**	A unique code for this result MUST be specified.	IHE PalM TF3 Rev.10 6.3.4.1

Item	DT	Card	Conf	Description	Label
@nullFlavor	st	**0 ... 1**	F	OTH	
@code	cs	**0 ... 1**		The code MUST be specified.	
@codeSystem	oid	**0 ... 1**		The OID of the code system MUST be specified.	
@codeSystemName	st	**0 ... 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**0 ... 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Schematron assert	role	error		
		test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))		
		Message	Either nullFlavor or a valid code is required.		
hl7:translation	**CD**	**0 ... ***		Makes reference to the corresponding position of the Swiss analysis list (AL). Multiple references (translation elements) are allowed.	IHE PalM TF3 Rev.10 6.3.4.1
@code	cs	**1 ... 1**	R	The position number of the Swiss Analysis list MUST be declared.	
@codeSystem	oid	**1 ... 1**	F	2.16.756.5.30.1.129.1.3 The OID of the Swiss analysis list (AL) MUST be specified.	
@codeSystemName	st	**1 ... 1**	F	Swiss analysis list (AL) The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. It MUST correspond to one of the available languages of the Swiss analysis list (AL). However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the Swiss analysis list (AL).	

Item	DT	Card	Conf	Description	Label
hl7:translation	**CD**	**0 ... ***		Makes reference to other codes, e.g. the locally used code in the laboratory. Multiple references (translation elements) are allowed.	IHE PalM TF3 Rev.10 6.3.4.1
@code	cs	**1 ... 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Schematron assert	role	error		
		test	(@code and @codeSystem=('2.16.840.1.113883.6.1','2.16.840.1.113883.6.96')) or (@nullFlavor='OTH' and not(@displayName or @code or @codeSystem or @codeSystemName))		
		Message	Either a LOINC or SNOMED CT code or nullFlavor='OTH' is required.		
Included		**1 ... 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 ... 1**	**M**		CDA-C V2
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-C V2
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		

Item	DT	Card	Conf	Description	Label
	Variable let	Name		idvalue	
		Value		substring-after(@value,'#')	
	Schematron assert	role		error	
		test		ancestor::hl7:structuredBody//*[@ID=$idvalue]	
		Message		No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').	
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means that the result is final. The status 'aborted' means that the examination could not be performed.	IHE PalM TF3 Rev.10 6.3.4.1
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**TS.CH.TZ**	**0 ... 1**	**C**	Timestamp of the finding (physiologically relevant time of this observation). Accuracy of the value: Date and time with hour and minute This information is ALLOWED for results within an isolate group, ONLY. For all other results, the time specified in the Laboratory Battery Organizer is to be used.	IHE PalM TF3 Rev.10 6.3.4.1
	Schematron assert	role		error	
		test		string-length(@value)>11	
		Message		A precision of date and time of day with at least hour and minute is required.	
	Schematron assert	role		error	
		test		ancestor::*[hl7:templateId/@root='1.3.6.1.4.1.19376.1.3.1.5']	
		Message		The effectiveTime information is ALLOWED for results within an isolate group, ONLY. For all other results, the time specified in the Laboratory Battery Organizer is to be used.	
Choice		**0 ... ***		The result of the examination MUST be specified for all elements with status 'completed'. One of the following data types MUST be used. For elements with status 'aborted', the result of the test is NOT ALLOWED. In the case of microbiological or infection-serological detection of pathogens, NO value element is PERMITTED. Instead, declare using the interpretationCode whether the pathogen was detected in the sample (POS) or not (NEG).	

Item	DT	Card	Conf	Description	Label
				Elements to choose from: ▪ hl7:value[(local-name-from-QName(resolve-QName(@xsi:type,.))='BL' and namespace-uri-from-QName(resolve-QName(@xsi:type,.))='urn:hl7-org:v3')] ▪ hl7:value[(local-name-from-QName(resolve-QName(@xsi:type,.))='CD' and namespace-uri-from-QName(resolve-QName(@xsi:type,.))='urn:hl7-org:v3')] ▪ hl7:value[(local-name-from-QName(resolve-QName(@xsi:type,.))='ED' and namespace-uri-from-QName(resolve-QName(@xsi:type,.))='urn:hl7-org:v3')] ▪ hl7:value[(local-name-from-QName(resolve-QName(@xsi:type,.))='PQ' and namespace-uri-from-QName(resolve-QName(@xsi:type,.))='urn:hl7-org:v3')] ▪ hl7:value[(local-name-from-QName(resolve-QName(@xsi:type,.))='RTO' and namespace-uri-from-QName(resolve-QName(@xsi:type,.))='urn:hl7-org:v3')]	
hl7:value	**BL**	**0 ... 1**		True / False or Yes / No Result. If the observation value can not be determined, @value is NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	IHE PalM TF3 Rev.10 6.3.4.1
@xsi:type		**1 ... 1**	F	BL	
@nullFlavor	cs	**0 ... 1**	F	NA Observation value could not be determined.	
@value	bl	**0 ... 1**		true or false.	
	Example	<value type="BL" value="false"/>			
	Schematron assert	role	error		
		test	@value or (@nullFlavor='NA' and parent::*/hl7:interpretationCode[@code=('>','<')])		
		Message	If the observation value can not be determined, @value is NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range..		
hl7:value	**CD**	**0 ... 1**		Coded result. If the observation value can not be determined, @code, @codeSystem, @codeSystemName and @displayName are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
				used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	Rev.10 6.3.4.1
@xsi:type		**1 .. 1**	F	CD	
@nullFlavor	cs	**0 .. 1**	F	NA Observation value could not be determined.	
@code	cs	**0 .. 1**		The code MUST be specified.	
@codeSystem	oid	**0 .. 1**		The OID of the code system MUST be specified.	
@codeSystemName	st	**0 .. 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**0 .. 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Example	<value type="CD" code="N" codeSystem="2.16.756.5.30.2.1.1.3.1"/>			
	Schematron assert	role	error		
		test	(@code and @codeSystem and @codeSystemName and @displayName) or (@nullFlavor='NA' and not(@displayName or @code or @codeSystem or @codeSystemName) and parent::*/hl7:interpretationCode[@code=('>','<')])		
		Message	If the observation value can not be determined, @code, @codeSystem, @codeSystemName and @displayName are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.		
hl7:value	**ED**	**0 .. 1**		Text result.	IHE PalM TF3 Rev.10 6.3.4.1
@xsi:type		**1 .. 1**	F	ED	
	Example	<value type="ED"> <reference value="#l1"/>			

Item	DT	Card	Conf	Description	Label
		</value>			
hl7:reference	**TEL**	**1 .. 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference [@value = '#xxx']	IHE PalM TF3 Rev.10 6.3.4.1
@value		**1 .. 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding Element.	
hl7:value	**PQ**	**0 .. 1**		Numeric result with unit. If the observation value can not be determined, @value and @unit are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	IHE PalM TF3 Rev.10 6.3.4.1
@xsi:type		**1 .. 1**	F	PQ	
@nullFlavor	cs	**0 .. 1**	F	NA Observation value could not be determined.	
@unit	cs	**0 .. 1**		Valid UCUM unit.	
@value	real	**0 .. 1**		Numeric observation result	
	Example	<value type="PQ" value="6.4" unit="mg/dL"/>			
	Schematron assert	role		error	
		test		(@value) or (@unit and @value) or (@nullFlavor='NA' and parent::*/hl7:interpretationCode[@code=('>','<')])	
		Message		If the observation value can not be determined, @value and @unit are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	
hl7:value	**RTO**	**0 .. 1**		Ratio results. If the observation value can not be determined, numerator and denominator are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	IHE PalM TF3 Rev.10 6.3.4.1

Item	DT	Card	Conf	Description	Label
@xsi:type		**1 .. 1**	F	RTO	
@nullFlavor	cs	**0 .. 1**	F	NA Observation value could not be determined.	
	Example	Titer <value type="RTO"> <numerator type="INT" value="1"/> <denominator type="INT" value="64"/> </value>			
hl7:numerator	**QTY**	**0 .. 1**			IHE PalM TF3 Rev.10 6.3.4.1
@value		**1 .. 1**	R	Numerator of the ratio.	
hl7:denominator	**QTY**	**0 .. 1**			IHE PalM TF3 Rev.10 6.3.4.1
@value		**1 .. 1**	R	Denominator of the ratio.	
	Schematron assert	role		error	
		test		(hl7:numerator[@value] and hl7:denominator[@value]) or (@nullFlavor='NA' and parent::*/hl7:interpretationCode[@code=('>','<')])	
		Message		If the observation value can not be determined, numerator and denominator are NOT ALLOWED. Instead, @nullFlavor='NA' MUST be used in combination with interpretationCode that declares whether the result is below (Low of scale) or above (High of scale) of the reference range.	
hl7:interpretationCode	**CE**	**0 .. 1**		At least one interpretation of the result MUST be declared. For this purpose, a code from the HL7 Observation Interpretation vocabulary MUST be used.	IHE PalM TF3 Rev.10 6.3.4.1

Item	DT	Card	Conf	Description	Label
				Examples of normal results: ▪ N: Normal Examples of pathogen detection: ▪ POS: pathogen found in the specimen ▪ NEG: pathogen not found in the specimen (No evidence or no growth). Note: Negative does not necessarily imply the complete absence of the specified item. Examples abnormal results with numeric values: ▪ H: High - Above reference range ▪ HH: High alert - Above reference range (critical value) ▪ L: Low - Below reference range ▪ LL: Low alert - Below reference range (critical value) Examples of non-determinable results: ▪ >: High off scale - Above analytical limit ▪ <: Low off scale - Below analytical limit Examples of antimicrobial susceptibility tests in microbiology: ▪ S: susceptible ▪ R: resistant ▪ I: intermediate ▪ SDD: Susceptible-dose dependent	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.78 *ObservationInterpretation* (DYNAMIC)			
hl7:methodCode	**CE**	**0 ... 1**		Method used for this observation	IHE PalM TF3 Rev.10 6.3.4.1

Item	DT	Card	Conf	Description	Label
@code	cs	**1 .. 1**	R		
@codeSystem	oid	**1 .. 1**	F	2.16.840.1.113883.5.84	
@codeSystemName	st	**1 .. 1**	F	HL7 ObservationMethod	
@displayName	st	**1 .. 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.14079 *ObservationMethod* (DYNAMIC)			
Choice		**0 .. 1**		IF this result is based on a specimen of a non-human material, this MUST be declared with the subject element. Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
hl7:subject		**0 .. 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
hl7:subject		**0 .. 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
hl7:performer		**0 .. ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
hl7:author		**0 .. ***		This MAY be used to indicate who has documented the result. This information supersedes any information recorded at higher level.	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
				Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	Rev.10 6.3.4.1
@typeCode	cs	**1 ... 1**	F	AUT	
Choice		**0 ... ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	
hl7:participant		**0 ... ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
hl7:participant		**0 ... ***		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
hl7:participant		**0 ... ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
hl7:entryRelationship		**0 ... ***		Information on specimen collection for this Observation. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10 6.3.4.1
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Comment on this Observation. Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
@typeCode	cs	**1 ... 1**	F	SUBJ	
@inversionInd	bl	**1 ... 1**	F	true	
hl7:entryRelationship		**0 ... ***		This CAN be used to indicate previous observation for the same test code on a previous specimen. Contains 2.16.756.5.30.1.1.10.4.22 *Previous Observation* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
@typeCode	cs	**1 ... 1**	F	REFR	
hl7:sequenceNumber	**INT**	**0 ... 1**		In case there is more than one previous result, the entryRelationship elements are sorted in reverse chronological order, and numbered from 1 to n by sequenceNumber.	IHE PalM TF3 Rev.10 6.3.4.1
@value	int	**0 ... 1**		Contains the sequence number.	
hl7:reference		**0 ... ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.10 6.3.4.1
@typeCode	cs	**1 ... 1**	F	REFR	

Item	DT	Card	Conf	Description	Label
hl7:referenceRange		**0 ... 1**		The reference range SHALL be specified for the range of normal values for the data types PQ and INT. The following applies: ▪ Upper limit: [R] ▪ Lower limit: [R] ▪ interpretationCode containing code=N: [M] The reference range CAN be omitted for other data types. If only an upper or lower limit is meaningful, the unused limit MUST be declared using nullFlavor.	IHE PalM TF3 Rev.10 6.3.4.1
@typeCode	cs	**1 ... 1**	F	REFV	
hl7:observationRange		**1 ... 1**	**M**		IHE PalM TF3 Rev.10 6.3.4.1
@classCode	cs	**1 ... 1**	F	OBS	
@moodCode	cs	**1 ... 1**	F	EVN.CRT	
Choice		**0 ... 1**		Elements to choose from: ▪ hl7:value[@xsi:type='IVL_PQ'] ▪ hl7:value[@xsi:type='IVL_INT']	
hl7:value	**IVL_PQ**	**0 ... 1**	**R**	Reference range for PQ data types	IHE PalM TF3 Rev.10 6.3.4.1
where *[@xsi:type='IVL_PQ']*					
@xsi:type		**1 ... 1**	F	IVL_PQ	
hl7:low	**IVXB_PQ**	**1 ... 1**		Lower limit of the reference range	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10 6.3.4.1
@nullFlavor	cs	**0 ... 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	real	**0 ... 1**		Lower limit value of the reference range	
@unit	cs	**0 ... 1**		Valid UCUM Unit of the lower limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		
		Message	Unused limit MUST be declared using nullFlavor='NA'.		
hl7:high	**IVXB_PQ**	**1 ... 1**		Upper limit of the reference range	IHE PalM TF3 Rev.10 6.3.4.1
@nullFlavor	cs	**0 ... 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	real	**0 ... 1**		Upper limit value of the reference range	
@unit	cs	**0 ... 1**		Valid UCUM Unit of the upper limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		
		Message	Unused limit MUST be declared using nullFlavor='NA'.		
hl7:value	**IVL_INT**	**0 ... 1**	**R**	Reference range for INT data types	IHE PalM TF3 Rev.10 6.3.4.1

Item	DT	Card	Conf	Description	Label
where *[@xsi:type='IVL_INT']*					
@xsi:type		**1 .. 1**	F	IVL_INT	
hl7:low	**IVXB_INT**	**1 .. 1**		Lower limit of the reference range	IHE PalM TF3 Rev.10 6.3.4.1
@nullFlavor	cs	**0 .. 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	int	**0 .. 1**		Lower limit value of the reference range	
@unit	cs	**0 .. 1**		Valid UCUM Unit of the lower limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		
		Message	Unused limit MUST be declared using nullFlavor='NA'.		
hl7:high	**IVXB_INT**	**1 .. 1**		Upper limit of the reference range	IHE PalM TF3 Rev.10 6.3.4.1
@nullFlavor	cs	**0 .. 1**	F	NA Unused limit MUST be declared using nullFlavor.	
@value	int	**0 .. 1**		Upper limit value of the reference range	
@unit	cs	**0 .. 1**		Valid UCUM Unit of the upper limit of the reference range	
	Schematron assert	role	error		
		test	(parent::hl7:value/@unit and @value) or (@unit and @value) or (@nullFlavor='NA')		

Item	DT	Card	Conf	Description	Label
		Message		Unused limit MUST be declared using nullFlavor='NA'.	
hl7:interpretationCode	**CE**	**1 .. 1**	**M**	This reference range defines normal values.	IHE PalM TF3 Rev.10 6.3.4.1
@code	CONF	**1 .. 1**	**F**	N	

5.2.56 Laboratory Performer - performer Containment 2.16.756.5.30.1.1.10.4.7 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.7 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_LaboratoryPerformer as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_LaboratoryPerformer	**Display Name**	Laboratory Performer - performer Containment

Description

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

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

Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.7
Label	IHE PalM TF3 Rev.10, 6.3.2.20
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 21 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.2.28	Containment	Laboratory Performer - documentationOf (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.2.28	Containment	Laboratory Performer - documentationOf (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		

2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21

Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.17	Containment	Assigned Entity Compilation with name, addr and telecom (2020)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.320 *CDA Subject (Body)* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.7 *Laboratory Performer* (DYNAMIC) ref elgabbr-

Example

Example

```
<performer typeCode="PRF">

  <templateId root="2.16.756.5.30.1.1.10.4.7"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.7"/>
  <time>

    <low value="20180320142600"/>
  </time>
  <assignedEntity>

    <!-- template 2.16.756.5.30.1.1.10.9.17 'Assigned Entity Compilation with name, addr and telecom'-->

  </assignedEntity>
</performer>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	PRF	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.2.20
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.4.7	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PalM TF3 Rev.10, 6.3.2.20
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.3.3.1.7	
hl7:time	**TS.CH.TZ**	**1 .. 1**	**R**	Timestamp of the last delivery of this laboratory to the document.	IHE PalM TF3 Rev.10, 6.3.2.20
hl7: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 *Assigned Entity Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.2.20

5.2.57 Laboratory Report Data Processing Entry 2.16.756.5.30.1.1.10.4.4 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.4 ref ch-palm-	**Effective Date**	2019-08-20
Status	Active	**Version Label**	2019
Name	chpalm_entry_LaboratoryReportDataProcessingEntry	**Display Name**	Laboratory Report Data Processing Entry
Description	Each chapter (Laboratory Speciality Section and Laboratory Report Item Section) MUST contain exactly one findings group (CDA Body Laboratory Report Data Processing Entry).		
Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.4		
Label	IHE PalM TF3 Rev.10, 6.3.4.2		

Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 3 templates, Uses 19 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5	Containment	Laboratory Report Item Section - coded (2019)	2019-08-20

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.5	Containment	Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.6	Containment	Human Patient with Non-Human Subject - subject Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.8	Containment	Laboratory Results Validator - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.9	Containment	Responsible Party - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.10	Containment	Device - participant Containment (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.12	Containment	Specimen Received (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.14	Containment	Notifiable Condition (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.15	Containment	Case Identification (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.16	Containment	Outbreak Identification (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	DYNAMIC

	2.16.756.5.30.1.1.10.4.19 Containment Laboratory Battery Organizer (2019) DYNAMIC 2.16.756.5.30.1.1.10.4.3 Containment Laboratory Observation (2020) DYNAMIC 2.16.756.5.30.1.1.10.4.18 Containment Multimedia Embedded Content (2020) DYNAMIC 2.16.756.5.30.1.1.10.4.2 Containment Annotation Comments (2016) DYNAMIC 2.16.756.5.30.1.1.10.4.29 Containment External document (2017) DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.301 *CDA Act* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.1 *BC Laboratory Report Data Processing Entry* (DYNAMIC) ref bccdapilot-
Example	Example

```
<templateId root="2.16.756.5.30.1.1.10.4.4"/>
<templateId root="1.3.6.1.4.1.19376.1.3.1"/>
<act classCode="ACT" moodCode="EVN">

 <code code="18723-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HEMATOLOGY STUDIES"/>
 <statusCode code="completed"/>
 <!-- One of these templates:

2.16.756.5.30.1.1.10.4.15 - Case Identification

2.16.756.5.30.1.1.10.4.19 - Laboratory Battery Organizer

2.16.756.5.30.1.1.10.4.17 - Laboratory Isolate Organizer

2.16.756.5.30.1.1.10.4.18 - Multimedia Embedded Content

2.16.756.5.30.1.1.10.4.14 - Notifiable Condition

2.16.756.5.30.1.1.10.4.13 - Notification Organizer

2.16.756.5.30.1.1.10.4.16 - Outbreak Identification

2.16.756.5.30.1.1.10.4.11 - Specimen Collection

2.16.756.5.30.1.1.10.4.12 - Specimen Received
```

	--> </act>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.4	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.2
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1	
hl7:act		**1 ... 1**	**R**		IHE PalM TF3 Rev.10, 6.3.4.2
@classCode	cs	**1 ... 1**	F	ACT	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:id	**II**	**0 ... 1**		An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.4.2
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	

Item	DT	Card	Conf	Description	Label
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**M**	The same code as in the chapter (Laboratory Speciality Section Code or Laboratory Report Item Section Code) MUST be used. Both codes MUST be the identical.	IHE PalM TF3 Rev.10, 6.3.4.2
@code	st	**1 ... 1**	R		
@codeSystem	oid	**1 ... 1**	R		
@codeSystemName	st	**1 ... 1**	R		
@displayName	st	**1 ... 1**	R		
hl7:text	**ED**		**NP**	In the Laboratory Report Data Processing Entry, the text element is NOT PERMITTED for laboratory findings in Switzerland.	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means that all expected results for this findings group are present and in a final state. The status 'active' means that the examinations are still running. Some results are still pending. The status 'aborted' means that the examinations had to be aborted. Some results MAY be available.	IHE PalM TF3 Rev.10, 6.3.4.2
@code	st	**1 ... 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.80 *ActStatusActiveAbortedCompleted* (DYNAMIC)			
Choice		**0 ... 1**		If this findings group is based on a specimen of a non-human material, this MUST be declared with the subject element.	

Item	DT	Card	Conf	Description	Label
				Elements to choose from: ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC) ▪ hl7:subject containing template 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.5 *Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:subject		**0 ... 1**		Contains 2.16.756.5.30.1.1.10.4.6 *Human Patient with Non-Human Subject - subject Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:performer		**0 ... ***		This CAN be used to indicate who has performed the test. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:author		**0 ... ***		This CAN be used to indicate who has documented the result. This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.9.16 *Author Compilation with name, addr and telecom* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
Choice		**0 ... ***		This CAN be used to identify other parties: ▪ Who has verified the result (AUTHEN). ▪ Which external laboratory has delivered the result (RESP). ▪ Which device (analyzer) was used to determine the result (DEV). Elements to choose from: ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC) ▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
				▪ hl7:participant containing template 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	
hl7:participant		**0 ... ***		Who has verified the result (AUTHEN). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.8 *Laboratory Results Validator - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:participant		**0 ... ***		Which external laboratory has delivered the result (RESP). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.9 *Responsible Party - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
hl7:participant		**0 ... ***		Which device (analyzer) was used to determine the result (DEV). This information supersedes any information recorded at higher level. Contains 2.16.756.5.30.1.1.10.4.10 *Device - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
Choice		**1 ... ***		A findings group may contain the following elements. **Note:**The usage of Laboratory Observations, permitted by XD-LAB is NOT ALLOWED for this specification. Such Laboratory Observations MUST be placed in a Laboratory Battery Organizer. Elements to choose from: ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.13 *Notification Organizer* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
				▪ 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 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC) ▪ hl7:entryRelationship containing template 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.11 *Specimen Collection* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.13 *Notification Organizer* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	

Item	DT	Card	Conf	Description	Label
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.17 *Laboratory Isolate Organizer* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.19 *Laboratory Battery Organizer* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	

Item	DT	Card	Conf	Description	Label
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.18 *Multimedia Embedded Content* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.2 *Annotation Comments* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:reference		**0 ... ***		This CAN be used to make reference to an external document. Contains 2.16.756.5.30.1.1.10.4.29 *External document* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.2
@typeCode	cs	**1 ... 1**	F	REFR	
	Schematron assert	role	error		
		test	(hl7:code/@code=parent::hl7:entry/parent::hl7:section/hl7:code/@code) and (hl7:code/@codeSystem=parent::hl7:entry/parent::hl7:section/hl7:code/@codeSystem)		
		Message	The code MUST be the identical to the one of the section.		

5.2.58 Laboratory Results Validator - participant Containment 2.16.756.5.30.1.1.10.4.8 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.8 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_LaboratoryResultsValidator as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_LaboratoryResultsValidator	**Display Name**	Laboratory Results Validator - participant Containment

Description

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

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

Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.8
Label	IHE PalM TF3 Rev.10, 6.3.2.16
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 19 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26

2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

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

Relationship	Specialization: template 2.16.840.1.113883.10.12.107 *CDA authenticator* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.5 *Laboratory Result Verifier* (DYNAMIC) ref elga-

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

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	AUTHEN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.2.16
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.8	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.2.16
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.1.5	
hl7:time	**TS.CH.TZ**	**0 ... 1**	**R**	Date and time of the laboratory results validation signature.	IHE PalM TF3 Rev.10, 6.3.2.16
hl7:participantRole		**1 ... 1**	**R**		IHE PalM TF3 Rev.10, 6.3.2.16
hl7:id	**II**	**0 ... ***	**R**	An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.2.16
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:addr	**AD**	**1 ... ***		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.2.16
hl7:telecom	**TEL**	**1 ... ***		All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	IHE PalM TF3 Rev.10, 6.3.2.16
hl7:playingEntity				Contains 2.16.756.5.30.1.1.10.9.20 *PlayingEntity Compilation with name* (DYNAMIC)	IHE PalM

Item	DT	Card	Conf	Description	Label
					TF3 Rev.10, 6.3.2.16

5.2.59 Multimedia Embedded Content 2.16.756.5.30.1.1.10.4.18 - 2019-08-20 (2020) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.18 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_MultimediaEmbeddedContent as of 2017-06-21
Status	Active	**Version Label**	2020
Name	chpalm_entry_MultimediaEmbeddedContent	**Display Name**	Multimedia Embedded Content

Description

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

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

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

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

Heavy objects should be integrated using links to external documents.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.18
Label	CH-PALM
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 15 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.85	Containment	Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87	Containment	Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87	Containment	Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19

Relationship

Specialization: template 2.16.840.1.113883.10.12.304 *CDA ObservationMedia* (2005-09-07) ref ad1bbr-

Specialization: template 2.16.756.5.30.1.1.10.4.83 *Observation Media* (DYNAMIC) ref hl7chcda-

Example

XD-LAB Example

```
<section>
  <text>
```

```
    <!-- ... -->

    <renderMultimedia referencedObject="ELECTRO"/>
    <!-- ... -->

  </text>
  <entry>

    <!-- ... -->

    <observationMedia classCode="OBS" moodCode="EVN" ID="ELECTRO">

      <value mediaType="image/gif" representation="B64">Here is the inline B64 multimedia content</value>
    </observationMedia>
    <!-- ... -->

  </entry>
</section>
```

Example

Example

```
<observationMedia ID="pdf1">

  <templateId root="2.16.756.5.30.1.1.10.4.18"/>
  <templateId root="2.16.756.5.30.1.1.10.4.83"/>
  <id root="2.999" extension="1095634"/>
  <languageCode code="en-US"/>
  <value type="ED" mediaType="application/pdf" representation="B64">JVBERi0xL ... 1DQolJUVPRg==</value>
</observationMedia>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observationMedia					CH-PALM
@ID	st	**1 ... 1**	R	Key for the reference to the narrative part of the document (<renderMultimedia referencedObject="the Key..."/>)	
hl7:templateId	**II**	**1 ... 1**	**M**		CH-PALM
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.18	

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 ... 1**	**M**		CH-PALM
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.83	
hl7:id	**II**	**0 ... ***		IDs for this item CAN be filled for traceability.	CH-PALM
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:languageCode	**CS**	**1 ... 1**	**R**	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the multimedia object is written. If it isn't known or not available (e.g. for pictures), use nullFlavor instead.	CH-PALM
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 *HumanLanguage* (DYNAMIC)			
hl7:value	**ED**	**1 ... 1**	**R**	The Base-64 encoded multimedia object.	CH-PALM
@representation	cs	**1 ... 1**	F	B64 Indicates that the object is Base-64 encoded.	
@mediaType	cs	**1 ... 1**	R	Mime type of the multimedia object. According to XD-LAB, only gif, jpeg, png or bmp formats are permitted for laboratory reports (Value-Set Multimedia Embedded Media Types)	
	CONF	The value of @mediaType shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.5 *Multimedia Embedded Media Types* (DYNAMIC)			
hl7:entryRelationship			**NP**	This template defines only the embedding of multimedia objects in the CDA document.	CH-PALM
hl7:reference			**NP**	This template defines only the embedding of multimedia objects in the CDA document.	CH-PALM

5.2.60 Non-Human Subject - subject Containment 2.16.756.5.30.1.1.10.4.5 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.5 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_NonHumanSubject as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_NonHumanSubject	**Display Name**	Non-Human Subject - subject Containment

Description

If, in a part of the document, laboratory obseravtions base exclusively on a sample of a non-human material (e.g., animal, water, soil, etc.) without reference to a patient, it MUST be declared using this element in the CDA body.

The non-human subject SHALL also be represented in the CDA header by using the IHE template "Non-Human Subject" (1.3.6.1.4.1.19376.1.3.3.1.2).

Context	Sibling nodes of template element with id 2.16.756.5.30.1.1.10.4.5
Label	IHE PalM TF3 Rev.10, 6.3.4.3
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 19 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20

	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
	2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
	2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
	2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
	2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
	2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
	Uses	**as**	**Name**	**Version**
	2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.320 *CDA Subject (Body)* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.2.1 *Non-Human Subject* (DYNAMIC) ref XDLAB-			
Example	XD-LAB example			

```
<subject>

  <templateId root="2.16.756.5.30.1.1.10.4.5"/>
  <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="2.16.756.5.30.1.1.10.4.5"/>
  <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>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PalM TF3 Rev.10 6.3.4.3
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.4.5	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PalM TF3 Rev.10 6.3.4.3
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.3.3.1.2.1	
hl7:relatedSubject		**1 .. 1**	**R**		IHE PalM TF3 Rev.10 6.3.4.3
hl7:code	**CE**	**1 .. 1**		The type of the non-human subject (animal species, food, material from nature, etc.) MUST be declared using a Code. LOINC (2.16.840.1.113883.6.1) or SNOMED CT (2.16.840.1.113883.6.96) codes or values from the HL7 Vocabulary ObservationType (2.16.840.1.113883.1.11.16226) SHOULD be used. If no vocabulary is available, nullFlavor='OTH' including an originalText element MUST be used. In this case, the attributes @code, @codeSystem and @codeSystemName are NOT ALLOWED.	IHE PalM TF3 Rev.10 6.3.4.3
@nullFlavor	cs	**0 .. 1**	F	ASKU If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used.	
@code	cs	**0 .. 1**		The code MUST be specified.	

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

Item	DT	Card	Conf	Description	Label
		test		(@code and @codeSystem) or (@nullFlavor='OTH' and hl7:originalText)	
		Message		Either a code with its code system or nullFlavor='OTH' with an originalText element is required.	
hl7:addr	**AD**	**1 .. 1**		The address is where the material was located, from which the sample was taken. If it is not known, nullFavor='UNK' MUST be used.	IHE PalM TF3 Rev.10 6.3.4.3

5.2.61 Notifiable Condition 2.16.756.5.30.1.1.10.4.14 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.14 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_NotifiableCondition as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_NotifiableCondition	**Display Name**	Notifiable Condition
Description	If a reportable condition is given (e.g., according to the Federal Act on Combating Communicable Human Diseases and the associated ordinance), this CAN be declared in the CDA body using this element.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.14		
Label	IHE PalM TF3 Rev.10, 6.3.4.8		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 10 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26

	2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017)	2017-06-21

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.1.1.1 *Notification Condition* (DYNAMIC) ref elgabbr-

Example

XD-LAB example

```
<observation classCode="COND" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.14"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1.1"/>
  <id root="1.3.6.1.4.1.19376.1.3.4" extension="SALM"/>
  <code code="170516003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Notification of Disease">

    <qualifier>

      <name code="246087005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Source of Specimen"/>
      <value code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>
    </qualifier>
  </code>
  <statusCode code="completed"/>
  <effectiveTime value="20080408000000.0000-0400"/>
  <value type="CE" code="27268008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Salmonella"/>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PalM TF3 Rev.10, 6.3.4.8
@classCode	cs	**1 ... 1**	F	COND	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.8
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.14	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.8
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.1.1	
hl7:id	**II**	**0 ... ***		An ID for this item CAN be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.4.8
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**R**	A code that defines the reportable condition MUST be specified.	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.4.8
hl7:qualifier	**CR**	**1 ... 1**	**R**	A qualification of the notifiable condition MUST be specified.	IHE PalM TF3 Rev.10, 6.3.4.8
hl7:name	**CV**	**1 ... 1**	**R**	Qualifies the code with the source of specimen	IHE PalM TF3 Rev.10, 6.3.4.8
@code	cs	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The code MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:value	**CD**	**1 ... 1**	**R**	Identifies the specimen source of the condition – patient, food, water, ...	IHE PalM TF3 Rev.10, 6.3.4.8
@code	cs	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The code MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	

Item	DT	Card	Conf	Description	Label
hl7:statusCode	**CS**	**1 .. 1**	**M**	The status 'completed' means the patient has been associated with the given notifiable condition. The status 'aborted' means the patient was associated with the notifiable condition in error.	IHE PalM TF3 Rev.10, 6.3.4.8
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**0 .. 1**		Timestamp or period of the notifiable condition.	IHE PalM TF3 Rev.10, 6.3.4.8
@value	TS.CH.TZ	**0 .. 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	
hl7:low	**TS.CH.TZ**	**0 .. 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.8
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
hl7:high	**TS.CH.TZ**	**0 .. 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.8
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
	Schematron assert	role	error		
		test	@nullFlavor='UNK' or @value or (hl7:low and hl7:high)		

Item	DT	Card	Conf	Description	Label
		Message		Either the timestamp or the period MUST be declared. If it is not known, nullFavor='UNK' must be used.	
hl7:value	**CE**	**1 .. 1**	**R**	A code that defines the reportable state MUST be specified. If no code is known, nullFlavor='NA' MUST be used.	IHE PalM TF3 Rev.10, 6.3.4.8
@nullFlavor	cs	**0 .. 1**	F	NA If no code is known, nullFlavor='NA' MUST be used.	
@code	cs	**0 .. 1**		The code MUST be specified.	
@codeSystem	oid	**0 .. 1**		The OID of the code system MUST be specified.	
@codeSystemName	st	**0 .. 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**0 .. 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Schematron assert	role	error		
		test	(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='NA')		
		Message	Either a code with its code system or nullFlavor='NA' is required.		

5.2.62 Notification Organizer 2.16.756.5.30.1.1.10.4.13 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.13 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_NotificationOrganizer as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_NotificationOrganizer	**Display Name**	Notification Organizer

Description

A laboratory report MAY contain information on the obligation to report pathogen detection, on accumulation of observations or specific epidemiologically relevant events.

Precise specification on the usage of this element is documented in the specification "Laboratory reports for public health (CDA-CH-LRPH)".

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.13
Label	IHE PalM TF3 Rev.10, 6.3.4.7
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 8 templates, Uses 3 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.14	Containment	Notifiable Condition (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.15	Containment	Case Identification (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.16	Containment	Outbreak Identification (2019)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.305 *CDA Organizer* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.1.1 *BC Notification Organizer* (DYNAMIC) ref bccdapilot-

Example	Example
	`<organizer classCode="CLUSTER" moodCode="EVN">`
	`<templateId root="2.16.756.5.30.1.1.10.4.13"/>`
	`<templateId root="1.3.6.1.4.1.19376.1.3.1.1"/>`
	`<statusCode code="completed"/>`
	`<!-- one of these templates:`
	Notifiable Condition (2.16.756.5.30.1.1.10.4.14)
	Case Identification (2.16.756.5.30.1.1.10.4.15)
	Outbreak Identification (2.16.756.5.30.1.1.10.4.16)
	`-->`
	`</organizer>`

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:organizer					IHE PalM TF3 Rev.10, 6.3.4.7
@classCode	cs	**1 ... 1**	F	CLUSTER	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.7

Item	DT	Card	Conf	Description	Label
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.13	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.7
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.1	
hl7:statusCode	**CS**	**1 ... 1**	**M**	A status of completed means the patient has been associated with the given notification. A status of nullify means that the notification was done in error.	IHE PalM TF3 Rev.10, 6.3.4.7
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.3 *ActStatusCompletedNullified* (DYNAMIC)			
Choice		**1 ... ***		Contains at least one notification. Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC) ▪ hl7:component containing template 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC)	
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.14 *Notifiable Condition* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.7
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.15 *Case Identification* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.7

Item	DT	Card	Conf	Description	Label
hl7:component		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.16 *Outbreak Identification* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.7

5.2.63 Outbreak Identification 2.16.756.5.30.1.1.10.4.16 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.16 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_OutbreakIdentification as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_OutbreakIdentification	**Display Name**	Outbreak Identification

Description

If an examination falls under the category "accumulation of observations" or "specific epidemiologically relevant event", this CAN be declared in the CDA body using this element.

Precise specification on the usage of this element is documented in the specification "Laboratory reports for public health (CDA-CH-LRPH)"

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.16
Label	IHE PalM TF3 Rev.10, 6.3.4.10
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 10 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26

2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.13	Containment	Notification Organizer (2017)	2017-06-21

Relationship

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.1.1.3 *Outbreak Identification* (DYNAMIC) ref XDLAB-

Example

Example

```
<observation classCode="OUTB" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.16"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.1.3"/>
  <id root="2.999" extension="your id"/>
  <code displayName="Outbreak" codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96" code="416534008"/>
  <statusCode code="completed"/>
  <value nullFlavor="NA"/>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PalM TF3 Rev.10, 6.3.4.10

Item	DT	Card	Conf	Description	Label
@classCode	cs	**1 ... 1**	F	OUTB	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.10
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.16	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.10
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.1.3	
hl7:id	**II**	**0 ... ***		An ID for this item CAN be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.4.10
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**R**	A code that defines the 'outbreak' MUST be specified. **Note:** The SNOMED-CT code 416534008 (Outbreak) has been defined for reportable laboratory findings in Switzerland.	IHE PalM TF3 Rev.10, 6.3.4.10
@code	cs	**1 ... 1**	R	The code MUST be specified.	

Item	DT	Card	Conf	Description	Label
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' means the patient has been associated with the given outbreak.	IHE PalM TF3 Rev.10, 6.3.4.10
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.2 *ActStatusAbortedCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**0 ... 1**		Timestamp or period of the outbreak.	IHE PalM TF3 Rev.10, 6.3.4.10
@value	TS.CH.TZ	**0 ... 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	
hl7:low	**TS.CH.TZ**	**0 ... 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.10
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
hl7:high	**TS.CH.TZ**	**0 ... 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.10

Item	DT	Card	Conf	Description	Label
	Schematron assert	role		error	
		test		string-length(@value)>11	
		Message		A precision of date and time of day with at least hour and minute is required.	
	Schematron assert	role		error	
		test		@nullFlavor='UNK' or @value or (hl7:low and hl7:high)	
		Message		Either the timestamp or the period MUST be declared. If it is not known, nullFavor='UNK' must be used.	
hl7:value	**CE**	**1 ... 1**	**R**	A code that defines the 'outbreak' condition MUST be specified. If no code is known, nullFlavor='NA' MUST be used. **Note:** For reportable laboratory findings in Switzerland, nullFlavor = 'NA' MUST MUST be used.	IHE PalM TF3 Rev.10, 6.3.4.10
@nullFlavor	cs	**0 ... 1**	F	NA If no code is known, nullFlavor='NA' MUST be used.	
@code	cs	**0 ... 1**		The code MUST be specified.	
@codeSystem	oid	**0 ... 1**		The OID of the code system MUST be specified.	
@codeSystemName	st	**0 ... 1**		The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**0 ... 1**		The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	Schematron assert	role		error	
		test		(@xsi:type='CE' and @code and @codeSystem) or (@nullFlavor='NA')	
		Message		Either a code with its code system or nullFlavor='NA' is required.	

5.2.64 Device - participant Containment 2.16.756.5.30.1.1.10.4.10 - 2019-08-20 (2020) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.10 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_ParticipantBodyDevice as of 2017-06-21
Status	Active	**Version Label**	2020
Name	chpalm_entry_ParticipantBodyDevice	**Display Name**	Device - participant Containment
Description	Declaration of analyzer, test kit and manufacturer used to determine the result. All participating elements (including devices), MUST according to XD-LAB contain name, addr and telecom.		
Label	CH-PALM		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 19 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20

2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.21	Containment	Device Compilation with name (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.49	Include	Original Text Reference (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.321 *CDA Participant (Body)* (2005-09-07) ref ad1bbr-
Example	Example

```
<participant typeCode="DEV">

 <participantRole>

  <playingDevice>

   <manufacturerModelName>w872</manufacturerModelName>
   <softwareName>Pipette laboratory analyzer</softwareName>
  </playingDevice>
  <scopingEntity>
```

```
    <id root="2.999" extension="your id"/>
    <code nullFlavor="ASKU"/>
    <desc/>
   </scopingEntity>
  </participantRole>
</participant>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Lab
@typeCode	cs	**1 ... 1**	F	DEV	
hl7:participantRole		**1 ... 1**	**R**		CH-PAL
hl7:playingDevice		**1 ... 1**	**R**	Analyzer used to determine the result. Contains 2.16.756.5.30.1.1.10.9.21 *Device Compilation with name* (DYNAMIC)	CH-PAL
hl7:scopingEntity		**0 ... 1**		The test kit and its manufacturer CAN be specified.	CH-PAL
hl7:id	**II**	**0 ... ***		The number of the test kit with which the result was determined CAN be specified. Multiple numbers are PERMITTED.	CH-PAL
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the number itself. The number MUST be unique within the system that issued the number.	
hl7:code	**CE**	**0 ... 1**		A code that identifies the test kit CAN be specified. If no vocabulary is available, nullFlavor='OTH' including an originalText element MUST be used. In this case, the attributes @code, @codeSystem and @codeSystemName are NOT ALLOWED.	CH-PAL
@nullFlavor	cs	**0 ... 1**	F	ASKU If no vocabulary is available, nullFlavor='ASKU' including a displayName MUST be used.	
@code	cs	**0 ... 1**		The code MUST be specified.	

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

Item	DT	Card	Conf	Description	Lab
		test		(@code and @codeSystem) or (@nullFlavor='OTH' and hl7:originalText)	
		Message		Either a code with its code system or nullFlavor='OTH' with an originalText element is required.	
hl7:desc	**ED**	**0 ... 1**		The manufacturer (name) of the test kit and any further information MAY be declared.	CH-PALI

5.2.65 Responsible Party - participant Containment 2.16.756.5.30.1.1.10.4.9 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.9 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_ParticipantBodyResponsibleParty as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_ParticipantBodyResponsibleParty	**Display Name**	Responsible Party - participant Containment

Description

External laboratory that has delivered the results. The following applies:

- The external laboratory MUST be declared, including its responsible person.
- All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.

Label	IHE PalM TF3 Rev.10, 6.3.4.16
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 19 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26

2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

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

Relationship	Specialization: template 2.16.840.1.113883.10.12.321 *CDA Participant (Body)* (2005-09-07) ref ad1bbr-
Example	Example <participant typeCode="RESP"> <participantRole> <addr> <!-- template 2.16.756.5.30.1.1.10.9.35 'Address Information Compilation - eCH-0010' --> </addr> <telecom value="tel:+41.33.123.45.67"/> <playingEntity> <!-- template 2.16.756.5.30.1.1.10.9.20 'PlayingEntity Compilation with name' --> </playingEntity> </participantRole> </participant>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 .. 1**	F	RESP	
hl7:participantRole		**1 .. 1**	**R**		IHE PalM TF3 Rev.10, 6.3.4.16
hl7:addr	**AD**	**1 .. ***	**R**	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.16
hl7:telecom	**TEL**	**1 .. ***	**R**	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom.	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.4.16
hl7:playingEntity		**1 .. 1**	**R**	All persons and organizations, MUST according to XD-LAB contain name, addr and telecom. Contains 2.16.756.5.30.1.1.10.9.20 *PlayingEntity Compilation with name* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.16

5.2.66 Specimen collection - participant Containment 2.16.756.5.30.1.1.10.4.24 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.24 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_ParticipantBodySpecimenCollection as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_ParticipantBodySpecimenCollection	**Display Name**	Specimen collection - participant Containment
Description	Specimen Information.		
Label	IHE PalM TF3 Rev.10, 6.3.4.5		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 19 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26

	2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
	2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
	2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
	2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
	2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
	2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
	2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check		
	2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
	2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
	2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Uses	**as**	**Name**	**Version**
	2.16.756.5.30.1.1.10.4.27	Containment	Specimen Type (2020)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.321 *CDA Participant (Body)* (2005-09-07) ref ad1bbr-			
Example	Example			

```
<placeholder typeCode="PRD">

 <participantRole classCode="SPEC">

  <id root="2.999" extension="your id"/>
  <playingEntity>

   <!-- template 2.16.756.5.30.1.1.10.4.27 'Specimen Type' -->

  </playingEntity>
 </participantRole>
</placeholder>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
@typeCode	cs	**1 ... 1**	F	PRD	
hl7:participantRole		**1 ... 1**	**R**		IHE PalM TF3 Rev.10, 6.3.4.5
@classCode	cs	**1 ... 1**	F	SPEC	
hl7:id	**II**	**1 ... 1**	**R**	The specimen identification MUST be declared. If no specimen identification is available, nullFlavor='NA' MUST be used. In this case @root and @extension are NOT ALLOWED.	IHE PalM TF3 Rev.10, 6.3.4.5
@nullFlavor	cs	**0 ... 1**	F	NA If no specimen identification is available, nullFlavor='NA' MUST be used.	
@root	uid	**0 ... 1**		MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

Item	DT	Card	Conf	Description	Label
	Schematron assert	role		error	
		test		(@extension and @root) or (@nullFlavor='NA')	
		Message		Either an id with its root and extension or nullFlavor='NA' is required.	
hl7:playingEntity		**1 .. 1**	**R**	Contains 2.16.756.5.30.1.1.10.4.27 *Specimen Type* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.5

5.2.67 Previous Observation 2.16.756.5.30.1.1.10.4.22 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.22 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_PreviousObservation as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_PreviousObservation	**Display Name**	Previous Observation

Description

A laboratory result can be supplemented with any number of previous results, if this information is important. Previous laboratory results MUST be associated to the same patient, the same test, the same procedure, and the same test kit, otherwise they are NOT ALLOWED, here.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.22
Label	IHE PalM TF3 Rev.10, 6.3.4.13
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 19 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46

2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Relationship	Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-
Example	Example

```
<observation classCode="OBS" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.22"/>
  <code displayName="Erythrocytes [#/volume] in Blood by Automated count" codeSystemName="LOINC" codeSystem="2.16.840.1.113883.6.1"
code="789-8"/>
  <statusCode code="completed"/>
  <effectiveTime>

    <low value="20180320170248+0100"/>
  </effectiveTime>
  <value/>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PalM TF3 Rev.10, 6.3.4.13
@classCode	cs	**1 ... 1**	F	OBS	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.13
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.22	
hl7:code	**CD**	**1 ... 1**	**R**	MUST contain the same code as the current laboratory result.	IHE PalM TF3 Rev.10, 6.3.4.13
@code	cs	**1 ... 1**	R	MUST contain the same content as the for current laboratory result.	

Item	DT	Card	Conf	Description	Label
@codeSystem	oid	**1 ... 1**	R	MUST contain the same content as the for current laboratory result.	
@codeSystemName	st	**1 ... 1**	R	MUST contain the same content as the for current laboratory result.	
@displayName	st	**1 ... 1**	R	MUST contain the same content as the for current laboratory result.	
hl7:statusCode	**CS**	**1 ... 1**	**R**	MUST be set to 'completed'.	IHE PalM TF3 Rev.10, 6.3.4.13
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**TS.CH.TZ**	**1 ... 1**	**R**	Timestamp of the findings (physiologically relevant time) of this previous result. Accuracy of the value: Date and time with hour and minute.	IHE PalM TF3 Rev.10, 6.3.4.13
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
hl7:value	**ANY**	**1 ... 1**	**R**	The previous result obtained for this test.	IHE PalM TF3 Rev.10, 6.3.4.13
	Schematron assert	role	error		
		test	(hl7:code/@code=parent::hl7:entryRelationship/parent::hl7:observation/hl7:code/@code) and (hl7:code/@codeSystem=parent::hl7:entryRelationship/parent::hl7:observation/hl7:code/@codeSystem)		
		Message	The previous result MUST contain the same code as the current laboratory result.		

5.2.68 Specimen Collection 2.16.756.5.30.1.1.10.4.11 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.11 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_SpecimenCollection as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_SpecimenCollection	**Display Name**	Specimen Collection
Description	Laboratory reports MAY contain information on the specimen. If there are more than one specimen associated to the order, then this item occurs multiple times.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.11		
Label	IHE PalM TF3 Rev.10, 6.3.4.5		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 19 templates, Uses 5 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20

2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
	Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check		
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.24	Containment	Specimen collection - participant Containment (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.12	Containment	Specimen Received (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.306 *CDA Procedure* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.1.2 *BC Specimen Collection* (DYNAMIC) ref bccdapilot-

Example

Example

```
<procedure classCode="PROC" moodCode="EVN">
```

```
<templateId root="2.16.756.5.30.1.1.10.4.11"/>
<templateId root="1.3.6.1.4.1.19376.1.3.1.2"/>
<id root="2.999" extension="your id"/>
<code code="33882-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Collection date of Unspecified specimen"/>
<!-- include template 2.16.756.5.30.1.1.10.9.14 'Narrative text reference' -->

<effectiveTime nullFlavor="UNK">

  <low value="20180320171934+0100"/>
</effectiveTime>
<targetSiteCode displayName="displayName" codeSystemName="ActSite" codeSystem="2.16.840.1.113883.5.1052" code="cs"/>
<performer>

  <!-- template 2.16.756.5.30.1.1.10.4.7 'Laboratory Performer - performer Containment' -->

</performer>
<participant>

  <!-- template 2.16.756.5.30.1.1.10.4.24 'Specimen collection - participant Containment' -->

</participant>
<entryRelationship typeCode="COMP">

  <!-- template 2.16.756.5.30.1.1.10.4.12 'Specimen Received' -->

</entryRelationship>
<entryRelationship typeCode="COMP">

  <!-- template 2.16.756.5.30.1.1.10.4.3 'Laboratory Observation' -->

 </entryRelationship>
</procedure>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:procedure					IHE PalM TF3 Rev.10, 6.3.4.5

Item	DT	Card	Conf	Description	Label
@classCode	cs	**1 ... 1**	F	PROC	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.5
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.11	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.5
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.2	
hl7:id	**II**	**0 ... 1**		An ID for this item MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.4.5
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**M**	LOINC specimen collection code.	IHE PalM TF3 Rev.10, 6.3.4.5
@code	cs	**1 ... 1**	F	33882-2	

Item	DT	Card	Conf	Description	Label
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	F	Collection date of Unspecified specimen	
				from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC)	
Included		**1 ... 1**		The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 ... 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**		Timestamp (e.g., for simple blood sampling) or period (e.g., 24 hour urine test) of the specimen collection or specimen creation. ▪ Timestamp: Is declared using @value. Minimum accuracy of the value: Date (the time of the day is OPTIONAL).	IHE PalM TF3 Rev.10, 6.3.4.5

Item	DT	Card	Conf	Description	Label
				▪ Period: Is declared using low/@value and high/@value. Accuracy of the value: Date and time with hour and minute.	
@nullFlavor	cs	**0 ... 1**	F	UNK If the moment in time of the sampling is not known, nullFlavor='UNK' MUST be used.	
@value	TS.CH.TZ	**0 ... 1**		Timestamp. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	
hl7:low	**TS.CH.TZ**	**0 ... 1**		Start of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.5
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
hl7:high	**TS.CH.TZ**	**0 ... 1**		End of the period. Accuracy of the value: Date and time with hour and minute. If it is not known, nullFavor='UNK' must be used.	IHE PalM TF3 Rev.10, 6.3.4.5
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		
	Schematron assert	role	error		
		test	(@nullFlavor='UNK') or (string-length(@value)>7) or ((hl7:low/@nullFlavor='UNK' or string-length(hl7:low/@value)>7) and (hl7:high/@nullFlavor='UNK' or string-length(hl7:high/@value)>7))		
		Message	A precision of day is required.		
hl7:targetSiteCode	**CD**	**0 ... 1**		This CAN be used to indicate the anatomical position of the specimen collection. This is particularly relevant in microbiology (e.g., when the sample was removed with a swab from the left foot). The HL7 vocabulary ActSite contains anatomical locations of organisms that may be at the center of the action.	IHE PalM TF3 Rev.10, 6.3.4.5

Item	DT	Card	Conf	Description	Label
@code	cs	**1 ... 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.5.1052	
@codeSystemName	st	**1 ... 1**	F	ActSite	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:performer		**0 ... 1**		This can be used to specify who performed the specimen collection. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.5
hl7:participant		**1 ... 1**	**M**	The information on the specimen MUST be declared. Contains 2.16.756.5.30.1.1.10.4.24 *Specimen collection - participant Containment* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.5
hl7:entryRelationship		**0 ... 1**		This MAY be used to indicate when the sample has arrived at the laboratory. Contains 2.16.756.5.30.1.1.10.4.12 *Specimen Received* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.4.5
@typeCode	cs	**1 ... 1**	F	COMP	
hl7:entryRelationship		**0 ... ***		This MAY be used to indicate observations of the specimen collection. This allows to provide information to the laboratory, that are important e.g. for a 24-hour urine test: ▪ Collection period for 24 hour urine test: @code='13362-9' (Collection duration of Urine), @value='24', @unit='h' ▪ Collected volume (urine quantity): @code='19153-6' (Volume in Urine collected for unspecified duration), @value: urine quantity, @unit: UCUM unit of urine quantity (e.g. ml, dl or l)	IHE PalM TF3 Rev.10, 6.3.4.5

Item	DT	Card	Conf	Description	Label
				Contains 2.16.756.5.30.1.1.10.4.3 *Laboratory Observation* (DYNAMIC)	
@typeCode	cs	**1 .. 1**	F	COMP	

5.2.69 Specimen Received 2.16.756.5.30.1.1.10.4.12 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.12 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_entry_SpecimenReceived as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_entry_SpecimenReceived	**Display Name**	Specimen Received
Description	A laboratory report MAY contain information on the reception of the specimen at the laboratory.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.12		
Label	IHE PalM TF3 Rev.10, 6.3.4.6		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 19 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.11	Containment	Specimen Collection (2019)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26

2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.301 *CDA Act* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.1.3 *Specimen Received* (DYNAMIC) ref XDLAB-
Example	Example

```
<act classCode="ACT" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.12"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.1.3"/>
  <id root="2.999" extension="your id"/>
  <code code="SPRECEIVE" codeSystem="1.3.5.1.4.1.19376.1.5.3.2" codeSystemName="IHEActCode" displayName="Receive Time"/>
  <!-- include template 2.16.756.5.30.1.1.10.9.14 'Narrative text reference' -->

  <effectiveTime value="20180320172947+0100"/>
</act>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:act					IHE PalM TF3 Rev.10, 6.3.4.6
@classCode	cs	**1 ... 1**	F	ACT	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.6
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.12	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.4.6
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.1.3	

Item	DT	Card	Conf	Description	Label
hl7:id	**II**	**1 ... 1**	**R**	The delivered identification of specimen at the customer MUST be declared. If specimen identification is not available, nullFlavor='ASKU' MUST be used. In this case @root and @extension are NOT ALLOWED.	IHE PalM TF3 Rev.10, 6.3.4.6
@nullFlavor	cs	**0 ... 1**	F	ASKU If specimen identification is not available, nullFlavor='ASKU' MUST be used.	
@root	uid	**0 ... 1**		MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		MUST contain the specimen identification as issued by the customer. The number MUST be unique within the system that issued the number.	
	Schematron assert	role	error		
		test	(@extension and @root) or (@nullFlavor='ASKU')		
		Message	Either an id with its root and extension or nullFlavor='ASKU' is required.		
hl7:code	**CD**	**1 ... 1**	**R**		IHE PalM TF3 Rev.10, 6.3.4.6
@code	cs	**1 ... 1**	F	SPRECEIVE	
@codeSystem	oid	**1 ... 1**	F	1.3.5.1.4.1.19376.1.5.3.2	
@codeSystemName	st	**1 ... 1**	F	IHEActCode	
@displayName	st	**1 ... 1**	F	Receive Time	
Included		**1 ... 1**		from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	

Item	DT	Card	Conf	Description	Label
hl7:text	**ED**	**1 .. 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 .. 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 .. 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:effectiveTime	**TS.CH.TZ**	**1 .. 1**	**R**	Timestamp of the specimen reception at the laboratory. Minimum accuracy of the value: Date and time with hour and minute.	IHE PalM TF3 Rev.10, 6.3.4.6
	Schematron assert	role	error		
		test	string-length(@value)>11		
		Message	A precision of date and time of day with at least hour and minute is required.		

5.2.70 Specimen Type 2.16.756.5.30.1.1.10.4.27 - 2019-08-20 (2020) ref ch-palm-

Id	2.16.756.5.30.1.1.10.4.27 ref ch-palm-	Effective Date	2019-08-20 Other versions this id: ▪ chpalm_entry_SpecimenType as of 2017-06-21

Status	Active	**Version Label**	2020
Name	chpalm_entry_SpecimenType	**Display Name**	Specimen Type
Description	Specimen Type.		
Label	CH-PALM		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 21 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.24	Containment	Specimen collection - participant Containment (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.118		Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17		Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20

2.16.756.5.30.1.1.10.4.19		Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2020)	2019-08-20
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.11, please check	
2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.24	Containment	Specimen collection - participant Containment (2017)	2017-06-21

Relationship	Specialization: template 2.16.840.1.113883.10.12.313 *CDA PlayingEntity* (2005-09-07) ref ad1bbr-
Example	Example <code code="LOINC" codeSystem="2.16.756.5.30.2.1.1.10" codeSystemName="CDA-CH Material"/>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
Choice		**0 ... ***		Elements to choose from: ▪ hl7:code[(@code = 'LOINC' and @codeSystem = '2.16.756.5.30.2.1.1.10')] ▪ hl7:code	
hl7:code	**CE**	**0 ... 1**	**R**	IHE XD-LAB requires coding of the specimen. However, since the laboratory results have to be coded with LOINC, the specimen is already defined via the 'System' axis of LOINC. Therefore the following, fixed code CAN be used for laboratory reports in Switzerland.	CH-PALM
@code	cs	**1 ... 1**	F	LOINC	
@codeSystem	oid	**1 ... 1**	F	2.16.756.5.30.2.1.1.10	
@codeSystemName	st	**1 ... 1**	F	CDA-CH Material	

Item	DT	Card	Conf	Description	Label
@displayName	st	0	NP	NP/not present	
hl7:code	**CD**	**0 ... 1**	**R**	IF the coding of the specimen with LOINC's 'System' axis is insufficient, a precise code CAN be used. The use of SNOMED-CT is recommended.	CH-PALM
@code	cs	**1 ... 1**	R	The code MUST be specified.	
@codeSystem	oid	**1 ... 1**	R	The OID of the code system MUST be specified.	
@codeSystemName	st	**1 ... 1**	R	The name of the code system MUST be specified for tracking purposes. However, processing is NOT ALLOWED.	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
hl7:qualifier	**CR**	**0 ... ***		A precision of the code CAN be specified using a qualifier. Not further specified.	CH-PALM
hl7:name	**CV**	**0 ... ***			CH-PALM
hl7:value	**CD**	**0 ... ***			CH-PALM

5.2.71 Laboratory Performer - documentationOf 2.16.756.5.30.1.1.10.2.28 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.2.28 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_header_DocumentationOfLaboratoryPe as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_header_DocumentationOfLaboratoryPerformer	**Display Name**	Laboratory Performer - documentationOf

Description

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 laborator

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 preli
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 fina

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.28
Label	IHE PalM TF3 Rev.10, 6.3.2.20
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19
Uses	**as**	**Name**	**Version**
2.16.756.5.30.1.1.10.4.7	Containment	Laboratory Performer - performer Containment (2019)	DYNAMIC

Relationship	Specialization: template 2.16.840.1.113883.10.12.110 *CDA documentationOf* (2005-09-07) ref ad1bbr-

Example

Example

```
<documentationOf>

  <templateId root="2.16.756.5.30.1.1.10.2.28"/>
  <serviceEvent>

    <effectiveTime>
```

```
    <low value="20180320105641"/>
   </effectiveTime>
   <performer>

    <!-- template 2.16.756.5.30.1.1.10.4.7 'Laboratory Performer' -->

   </performer>
  </serviceEvent>
 </documentationOf>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:documentationOf		**0 ... ***		
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.28
hl7:serviceEvent		**1 ... 1**	**R**	
hl7: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.
hl7:performer		**0 ... ***		Laboratory Performer template in the CDA header. Contains 2.16.756.5.30.1.1.10.4.7 *Laboratory Performer - performer Containment* (DYNAMIC)

Item	DT	Card	Conf	Description

5.2.72 Laboratory Results Validator - authenticator 2.16.756.5.30.1.1.10.2.88 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.2.88 ref ch-palm-	**Effective Date**	2019-08-20
Status	Active	**Version Label**	2019
Name	chpalm_header_LaboratoryResultsValidator	**Display Name**	Laboratory Results Validator - authenticator

Description

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

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.88
Label	IHE PalM TF3 Rev.10, 6.3.2.16
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 1 template, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26

Uses	as	Name	Version

	2.16.756.5.30.1.1.10.9.12 Containment Assigned Entity Compilation with id (2020) DYNAMIC
Relationship	Specialization: template 2.16.756.5.30.1.1.10.2.6 *Authenticator* (2019-01-01 20:20:44) ref hl7chcda- Specialization: template 2.16.840.1.113883.10.12.107 *CDA authenticator* (2005-09-07) ref ad1bbr-
Example	Example

```
<authenticator>

  <templateId root="2.16.756.5.30.1.1.10.2.88"/>
  <templateId root="2.16.756.5.30.1.1.10.2.6"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.5"/>
  <time value="20071205"/>
  <signatureCode code="S"/>
  <assignedEntity>

    <id root="2.51.1.3" extension="7604444444444"/>
    <assignedPerson>

      <name>

        <prefix qualifier="AC">Dr. med.</prefix>
        <given>Freddy</given>
        <family>Fango</family>
        <suffix>Ärztlicher Leiter</suffix>
      </name>
    </assignedPerson>
  </assignedEntity>
</authenticator>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:authenticator		**0 ... ***		Information about an authenticator of a CDA document. An authenticator MUST be a person.	IHE PalM TF3 Rev.10, 6.3.2.16
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM

Item	DT	Card	Conf	Description	Label
					TF3 Rev.10, 6.3.2.16
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.2.88	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PalM TF3 Rev.10, 6.3.2.16
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.2.6	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PalM TF3 Rev.10, 6.3.2.16
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.3.3.1.5	
hl7:time	**TS.CH.TZ**	**1 .. 1**	**R**	Timestamp of the signature.	IHE PalM TF3 Rev.10, 6.3.2.16
hl7:signatureCode	**CS**	**1 .. 1**	**R**		IHE PalM TF3 Rev.10, 6.3.2.16
@code	cs	**1 .. 1**	F	S	
@codeSystem	oid	0	NP	NP/not present	
@codeSystemName	st	0	NP	NP/not present	

Item	DT	Card	Conf	Description	Label
@displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 *ParticipationSignature* (DYNAMIC)			
hl7:assignedEntity		**1 .. 1**	**R**	Contains 2.16.756.5.30.1.1.10.9.12 *Assigned Entity Compilation with id* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.2.16

5.2.73 Human Patient with Non-Human Subject - recordTarget 2.16.756.5.30.1.1.10.2.27 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.2.27 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_header_RecordTargetHum as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_header_RecordTargetHumanPatientWithNonHumanSubject	**Display Name**	Human Patient with Non-Human Subje

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 var

- 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 eate patient).

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 HL 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.

- <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 templat 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 s 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 structu template Non-Human Subject 1.3.6.1.4.1.19376.1.3.3.1.2.1.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.27
Label	IHE PalM TF3 Rev.10, 6.3.2.11.3
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)

Relationship	Specialization: template 2.16.840.1.113883.10.12.101 *CDA recordTarget* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.3 *Human Patient with Non-Human Subject* (2008-08-08) ref XDLAB-
Example	Human patient paired with Non-Human Subject Example

```
<recordTarget typeCode="RCT">

  <templateId root="2.16.756.5.30.1.1.10.2.27"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.3"/>
  <patientRole classCode="PAT">

    <id root="2.999" extension="sw54321"/>
    <addr>

      <streetAddressLine>Leidensweg 10</streetAddressLine>
      <city>Specimendorf</city>
```

```
    <postalCode>9876</postalCode>
   </addr>
   <telecom 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>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description
hl7:recordTarget		**1 ... ***	**R**	Human Patient with Non-Human Subject.
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.27
hl7:templateId	**II**	**1 ... 1**	**M**	
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.1.3
	Schematron assert	role	● error	
		test	//hl7:templateId[@root='1.3.6.1.4.1.19376.1.3.3.1.3.1']	

Item	DT	Card	Conf	Description
		Message		In addition to the elements specified in the CDA header for the patient, the non-human subject SHALL b Subject element in level 3 entries in the structuredBody.
hl7:patientRole		**1 .. 1**	**R**	Exactly one patient MUST be declared.
hl7:id	**II**	**1 .. ***	**R**	At least one patient identification MUST be declared. **Note:** 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 created (one with the human patient and one with the non-human material).
@extension	st	**1 .. 1**	R	MUST contain the actual number of non-human material. The number MUST be unique within the
@root	uid	**1 .. 1**	R	MUST contain the OID of the system that issued the number. OIDs of code systems, which are pub for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.
hl7:addr	**AD**	**1 .. ***	**R**	All persons (including patients) and organizations, MUST contain according to XD-LAB name, add
hl7:telecom	**TEL**	**1 .. ***	**R**	All persons (including patients) and organizations, MUST contain according to XD-LAB name, add
hl7:patient		**1 .. 1**	**R**	Exactly one patient MUST be declared.
hl7:name	**PN**	**1 .. ***	**R**	All persons (including patients) and organizations, MUST contain according to XD-LAB name, add

Item	DT	Card	Conf	Description
hl7:administrativeGenderCode	**CE**	**1 .. 1**	**R**	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.1 *AdministrativeGender* (DYNAMIC)		
hl7:birthTime	**TS**	**1 .. 1**	**R**	

5.2.74 Non-Human Subject - recordTarget 2.16.756.5.30.1.1.10.2.26 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.2.26 ref ch-palm-	**Effective Date**	2019-08-20 Other versions this id: ▪ chpalm_header_RecordTargetNonHumanSubject as of 2017-06-21
Status	Active	**Version Label**	2019
Name	chpalm_header_RecordTargetNonHumanSubject	**Display Name**	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).

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.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.26
Label	IHE PalM TF3 Rev.10, 6.3.2.11.2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 0 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Include	General Laboratory Report (2018)	2018-04-19

Relationship	Specialization: template 2.16.840.1.113883.10.12.101 *CDA recordTarget* (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.3.3.1.2 *Non-Human Subject* (2008-08-08) ref XDLAB-
Example	Non-Human Subject Example

```
<recordTarget typeCode="RCT">

  <templateId root="2.16.756.5.30.1.1.10.2.26"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.1.2"/>
  <patientRole classCode="PAT">
```

```
    <id root="1.3.6.1.4.1.19376.1.3.4" extension="66373839"/>
    <patient nullFlavor="OTH"/>
  </patientRole>
</recordTarget>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:recordTarget		**1 ... ***	**R**	Non-Human Subject.	IHE PalM TF3 Rev.10, 6.3.2.11.2
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.2.11.2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.2.26	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.2.11.2
@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**		IHE PalM TF3 Rev.10, 6.3.2.11.2
hl7:id	**II**	**1 ... ***	**R**		IHE PalM TF3 Rev.10, 6.3.2.11.2
@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.	

Item	DT	Card	Conf	Description	Label
@extension	st	**0 ... 1**		Contains the actual number of non-human material. The number MUST be unique within the system that issued the number.	
hl7:patient		**1 ... 1**			IHE PalM TF3 Rev.10, 6.3.2.11.2
@nullFlavor	cs	**1 ... 1**	F	OTH Indicates that there are laboratory tests for this non-human material in the CDA Body.	

5.2.75 Laboratory Report Item Section - coded 2.16.756.5.30.1.1.10.3.5 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.3.5 ref ch-palm-	**Effective Date**	2019-08-20
Status	Active	**Version Label**	2019
Name	chpalm_section_LaboratoryReportItemCoded	**Display Name**	Laboratory Report Item Section - coded

Description

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

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

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.5
Label	IHE PalM TF3 Rev.10, 6.3.3.2
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version

cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.3.3	Containment	Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2019)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.3.2.2 *Laboratory Report Item Section* (2008-08-08) ref XDLAB-

Example

Example

```
<section>

  <templateId root="2.16.756.5.30.1.1.10.3.5"/>
  <templateId root="1.3.6.1.4.1.19376.1.3.3.2.2"/>
  <code displayName="Cell marker studies" codeSystemName="LOINC" codeSystem="2.16.840.1.113883.6.1" code="18718-7"/>
  <title>Laborbefund - Molekularbiologie</title>
  <text/>
  <entry typeCode="DRIV">

    <!-- template 2.16.756.5.30.1.1.10.4.4 'Laboratory Report Data Processing Entry' -->

  </entry>
</section>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:section					IHE PalM TF3 Rev.10, 6.3.3.2
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.3.2
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.5	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.2
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.2.2	
hl7:id	**II**	**0 ... 1**		An ID for this section MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.3.2
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**R**	This declares the laboratory discipline of the section.	IHE PalM TF3 Rev.10, 6.3.3.2
@code	cs	**1 ... 1**	R	The code MUST be declared and taken from the value set 'Laboratory Specialties'.	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName		**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	

Item	DT	Card	Conf	Description	Label
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 *Laboratory Specialties* (DYNAMIC)			
hl7:title	**ST**	**1 ... 1**	**M**	The title of the chapter MUST be specified and correspond to the following text format, where <human readable code> contains the corresponding translation of the document LOINC code: ▪ [ge]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>' ▪ [it]: 'Referto di laboratorio - <human readable code>' ▪ [en]: 'Laboratory Specialty - <human readable code>' The following translations of the LOINC codes given in XD-LAB MUST be used: **LOINC Code** **Text** [ge]: Immunhämatologie 18717-9 [fr]: Immunohématologie [it]: Immunoematologia [ge]: Molekularbiologie 18718-7 [fr]: Biologie moléculaire [it]: Biologia molecolare [ge]: Chemie 18719-5 [fr]: Chimie [it]: Chimica [ge]: Gerinnung 18720-3 [fr]: Coagulation [it]: Coagulazione [ge]: Medikamente 18721-1 [fr]: Médicaments	IHE PalM TF3 Rev.10, 6.3.3.2

Item	DT	Card	Conf	Description		Label
					[it]: Medicamenti [ge]: Fertilität	
				18722-9	[fr]: Fertilité	
					[it]: Fertilità [ge]: Hämatologie	
				18723-7	[fr]: Hématologie	
					[it]: Ematologia [ge]: HLA	
				18724-5	[fr]: HLA	
					[it]: HLA [ge]: Mikrobiologie	
				18725-2	[fr]: Microbiologie	
					[it]: Microbiologia [ge]: Serologie	
				18727-8	[fr]: Sérologie	
					[it]: Sierologia [ge]: Toxikologie	
				18728-6	[fr]: Toxicologie	
					[it]: Tessicologia [ge]: Urin Untersuchungen	
				18729-4	[fr]: Analyses dans l'urine	
					[it]: Analisi nelle urine [ge]: Blutgase	
				18767-4		

Item	DT	Card	Conf	Description	Label
				[fr]: Gazométrie [it]: Gasometria [ge]: Differenzialblutbild 18768-2 [fr]: Répartition leucocytaire [it]: Differenziazione leucocitaria [ge]: Antibiogramme 18769-0 [fr]: Antibiogramme [it]: Antibiogramma [ge]: Molekulare Pathologie 26435-8 [fr]: Pathologie moleculaire [it]: Patologia moleculare [ge]: Laboruntersuchungen 26436-6 [fr]: Études de laboratoire [it]: Esami di laboratorio [ge]: Stimulationen 26437-4 [fr]: Stimulation [it]: Stimolazione [ge]: Zytologie 26438-2 [fr]: Cytologie [it]: Citologia	
	Example	German <title>Laborbefund - Immunhämatologie</title>			
	Example	English <title>Laboratory Specialty - Blood Bank Studies</title>			
	Variable let	Name languageCode			

Item	DT	Card	Conf	Description	Label
		Value		substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)	
	Schematron assert	role		error	
		test		not($languageCode='en') or starts-with(text(),'Laboratory report')	
		Message		The English title must start with 'Laboratory report'	
	Schematron assert	role		error	
		test		not($languageCode='de') or starts-with(text(),'Laborbefund')	
		Message		The German title must start with 'Laborbefund'	
	Schematron assert	role		error	
		test		not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire')	
		Message		The French title must start with 'Rapport de laboratoire'	
	Schematron assert	role		error	
		test		not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio')	
		Message		The Italian title must start with 'Rapporto di laboratorio'	
hl7:text	**SD.TEXT**	**1 ... 1**	**M**	The laboratory results MUST be automatically generated readable for humans in the text element of the section from the information in the Laboratory Data Processing Entry.	IHE PalM TF3 Rev.10, 6.3.3.2
hl7:entry		**1 ... 1**	**R**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.4 *Laboratory Report Data Processing Entry* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.3.2
@typeCode	cs	**1 ... 1**	F	DRIV	

5.2.76 Laboratory Speciality Section - coded 2.16.756.5.30.1.1.10.3.3 - 2019-08-20 (2019) ref ch-palm-

Id	2.16.756.5.30.1.1.10.3.3 ref ch-palm-	**Effective Date**	2019-08-20
Status	Active	**Version Label**	2019

Name	chpalm_section_LaboratorySpecialtyCoded	Display Name	Laboratory Speciality Section - coded

Description

Chapter (CDA Body Section) with laboratory results according to Sharing Laboratory Reports (XD-LAB) Content Module, IHE PaLM Technical Framework Revision 10.0 - August 20, 2019.

Each Laboratory Specialty Section contains laboratory tests of a particular discipline (e.g., microbiology or serology).

The Laboratory Specialty Section uses LOINC codes to define the appropriate discipline. Laboratory Specialty Sections MUST NOT be nested.

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

- **Choice 1: Laboratory Report Item Section**

  With this option, this Laboratory Specialty Section SHALL contain NEITHER a top level text NOR entry elements. Each Report Item is contained in a corresponding Laboratory Report Item Section which contains the Lab Report Data Processing Entry.
- **Choice 2: Text and Entry**

  With this option, the examination results MUST be documented in the text element of the section and the corresponding entry element (Laboratory Data Processing Entry).

  The human-readable text MUST be generated automatically from the entry and its sub-elements.

  For this purpose the presentation options according to the CDA Narrative Block schema (NarrativeBlock.xsd) may be used: tables, lists, paragraphs, hyperlinks, footnotes, references to attached or embedded multimedia objects.

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.3
Label	IHE PalM TF3 Rev.10, 6.3.3.1
Classification	CDA Section Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 1 template, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2018)	2018-04-19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.3.5	Containment	Laboratory Report Item Section - coded (2019)	DYNAMIC
2.16.756.5.30.1.1.10.4.4	Containment	Laboratory Report Data Processing Entry (2019)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.3.3.2.1 *Laboratory Specialty Section* (2008-08-08) ref XDLAB-

Example

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

```
<section classCode="DOCSECT">

 <templateId root="2.16.756.5.30.1.1.10.3.3"/>
 <templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/>
 <code code="18723-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="HEMATOLOGY STUDIES"/>
 <title>Laborbefund - Hämatologie</title>
 <component>

  <section>

   <templateId root="1.3.6.1.4.1.19376.1.3.3.2.2"/>
   <!-- Leaf Section that holds one Report Item -->

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

Example

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

```
<section classCode="DOCSECT">

 <templateId root="2.16.756.5.30.1.1.10.3.3"/>
 <templateId root="1.3.6.1.4.1.19376.1.3.3.2.1"/>
 <code code="18719-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="CHEMISTRY STUDIES"/>
 <title>Laborbefund - Chemie</title>
 <text>narrative text</text>
 <entry typeCode="DRIV">

  <templateId root="1.3.6.1.4.1.19376.1.3"/>
  <act classCode="ACT" moodCode="EVN"> ... </act>
 </entry>
```

	</section>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:section					IHE PalM TF3 Rev.10, 6.3.3.1
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.1
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.3	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PalM TF3 Rev.10, 6.3.3.1
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.3.3.2.1	
hl7:id	**II**	**0 ... 1**		An ID for this section MAY be filled for traceability.	IHE PalM TF3 Rev.10, 6.3.3.1
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**M**	This declares the laboratory discipline of the section.	IHE PalM TF3

Item	DT	Card	Conf	Description	Label
					Rev.10, 6.3.3.1
@code	st	**1 ... 1**	R		
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	R	The displayName of the code MUST be specified for tracking purposes. However, processing is NOT ALLOWED. Instead, a processing system is to display a user readable language translation of the code from the value set.	
	CONF	The value of @code shall be drawn from value set 1.3.6.1.4.1.19376.1.3.11.1 *Laboratory Specialties* (DYNAMIC)			
hl7:title	**ST**	**1 ... 1**	**R**	The title of the chapter MUST be specified and correspond to the following text format, where <human readable code> contains the corresponding translation of the document LOINC code: ▪ [ge]: 'Laborbefund - <human readable code>' ▪ [fr]: 'Rapport de laboratoire - <human readable code>' ▪ [it]: 'Referto di laboratorio - <human readable code>' ▪ [en]: 'Laboratory Specialty - <human readable code>' The following translations of the LOINC codes given in XD-LAB MUST be used: **LOINC Code** **Text** 18717-9 [ge]: Immunhämatologie [fr]: Immunohématologie [it]: Immunoematologia 18718-7 [ge]: Molekularbiologie [fr]: Biologie moléculaire [it]: Biologia molecolare	IHE PalM TF3 Rev.10, 6.3.3.1

Item	DT	Card	Conf	Description		Label
					[ge]: Chemie	
				18719-5	[fr]: Chimie	
					[it]: Chimica [ge]: Gerinnung	
				18720-3	[fr]: Coagulation	
					[it]: Coagulazione [ge]: Medikamente	
				18721-1	[fr]: Médicaments	
					[it]: Medicamenti [ge]: Fertilität	
				18722-9	[fr]: Fertilité	
					[it]: Fertilità [ge]: Hämatologie	
				18723-7	[fr]: Hématologie	
					[it]: Ematologia [ge]: HLA	
				18724-5	[fr]: HLA	
					[it]: HLA [ge]: Mikrobiologie	
				18725-2	[fr]: Microbiologie	
					[it]: Microbiologia [ge]: Serologie	
				18727-8	[fr]: Sérologie	
					[it]: Sierologia	

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

Item	DT	Card	Conf	Description	Label
				26438-2 [ge]: Zytologie [fr]: Cytologie [it]: Citologia	
	Example	Deutsch <title>Laborbefund - Immunhämatologie</title>			
	Example	Englisch <title>Laboratory Specialty - Blood Bank Studies</title>			
	Variable let	Name: languageCode Value: substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)			
	Schematron assert	role: error test: not($languageCode='en') or starts-with(text(),'Laboratory report') Message: The English title must start with 'Laboratory report'			
	Schematron assert	role: error test: not($languageCode='de') or starts-with(text(),'Laborbefund') Message: The German title must start with 'Laborbefund'			
	Schematron assert	role: error test: not($languageCode='fr') or starts-with(text(),'Rapport de laboratoire') Message: The French title must start with 'Rapport de laboratoire'			
	Schematron assert	role: error test: not($languageCode='it') or starts-with(text(),'Rapporto di laboratorio') Message: The Italian title must start with 'Rapporto di laboratorio'			
hl7:text	**SD.TEXT**	**0 ... 1**	**R**	The narrative text for this section.	IHE PalM TF3 Rev.10, 6.3.3.1
Choice		**1 ... ***		Elements to choose from: ▪ hl7:component containing template 2.16.756.5.30.1.1.10.3.5 *Laboratory Report Item Section - coded* (DYNAMIC)	

Item	DT	Card	Conf	Description	Label
				▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.4 *Laboratory Report Data Processing Entry* (DYNAMIC)	
hl7:component		**0 ... ***	**C**	Contains 2.16.756.5.30.1.1.10.3.5 *Laboratory Report Item Section - coded* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.3.1
hl7:entry		**0 ... ***	**C**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.4 *Laboratory Report Data Processing Entry* (DYNAMIC)	IHE PalM TF3 Rev.10, 6.3.3.1
@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.		

5.2.77 Annotation Comments 2.16.756.5.30.1.1.10.4.2 - 2016-11-12 (2016) ref ch-pcc-

Id	2.16.756.5.30.1.1.10.4.2 ref ch-pcc-	**Effective Date**	2016-11-12 Other versions this id: ▪ chpcc_entry_AnnotationComments as of 2016-11-11
Status	Active	**Version Label**	2016
Name	chpcc_entry_AnnotationComments	**Display Name**	Annotation Comments
Description	This entry allows for a comment to be supplied with each entry.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.2		

Label	IHE PCC TF2 Rev.11, 6.3.4.6
Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 1 transaction and 19 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.118	Containment	Laboratory Report Data Processing Entry (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.76		Laboratory Report Item Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.3.77		Laboratory Speciality Section - coded (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.4		Laboratory Report Data Processing Entry (2019)	2019-08-20
2.16.756.5.30.1.1.10.3.3		Laboratory Speciality Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.5		Laboratory Report Item Section - coded (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.17	Containment	Laboratory Isolate Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.19	Containment	Laboratory Battery Organizer (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.3	Containment	Laboratory Observation (2020)	2019-08-20
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2019)	2019-08-20
2.16.756.5.30.1.1.10.4.3		Laboratory Observation (2017)	2017-06-21
		Circular reference found with 2.16.756.5.30.1.1.10.4.3, please check	

2.16.756.5.30.1.1.10.4.85		Laboratory Isolate Organizer - Pathogen Detection (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2020)	2020-06-26
2.16.756.5.30.1.1.10.4.87		Laboratory Battery Organizer - Antibiogram (2018)	2018-04-19
2.16.756.5.30.1.1.10.4.11		Specimen Collection (2017)	2017-06-21

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.2 *Comment* (2013-12-20) ref epsos-

Specialization: template 2.16.840.1.113883.10.20.1.40 *Befundtext (Anmerkungen und Kommentare)-deprecated* (DYNAMIC) ref elga-

Example

Example

```
<act classCode="ACT" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.2"/>
  <templateId root="2.16.840.1.113883.10.20.1.40"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/>
  <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/>
  <text>

    <reference value="#narrtextref"/>
  </text>
  <statusCode code="completed"/>
</act>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:act			**R**	A comment to the parent entry.	IHE PCC TF2 Rev.11, 6.3.4.6

Item	DT	Card	Conf	Description	Label
@classCode	cs	**1 ... 1**	F	ACT	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.6
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.2	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.6
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.20.1.40	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.6
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.2	
hl7:id	**II**	**0 ... 1**		An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.6
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

Item	DT	Card	Conf	Description	Label
hl7:code	**CD**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.6
@code	cs	**1 ... 1**	F	48767-8	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	F	Annotation comment	
Included		**1 ... 1**	**R**	from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC) The reference to the text in the narrative section of the section MUST be specified.	
hl7:text	**ED**	**1 ... 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		

Item	DT	Card	Conf	Description	Label
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' indicates that the comment is final.	IHE PCC TF2 Rev.11, 6.3.4.6
@code	cs	**1 ... 1**	F	completed	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:author		**0 ... ***	**C**	The author of the statement SHALL be specified either here or in one of the ancestors. Contains 2.16.756.5.30.1.1.10.9.54 *Author Compilation with id, name, addr and telecom* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.6
	Schematron assert	role	error		
		test	(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::*/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])		
		Message	The author of the statement SHALL be specified either here or in one of the ancestors. It shall contain the time, id, name, addr and telecom elements as specified in IHE PCC TF Vol. 2, section 6.3.4.1 Authors and Informants.		
	Schematron assert	role	info		
		test	(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/ hl7:name)]])		
		Message	The author of the statement is specified by the ancestor section.		
	Schematron assert	role	info		
		test	(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/ hl7:name)]]) and ancestor::hl7:ClinicalDocument/hl7:author[hl7:time and		

Item	DT	Card	Conf	Description	Label
				hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
			Message	The author of the statement is specified by the author in the document header.	

5.2.78 Pregnancy Observation Entry 2.16.756.5.30.1.1.10.4.92 - 2016-11-12 (2016) ref ch-pcc-

Id	2.16.756.5.30.1.1.10.4.92 ref ch-pcc-	**Effective Date**	2016-11-12 Other versions this id: ▪ chpcc_entry_PregnancyObservation as of 2016-11-11
Status	Active	**Version Label**	2016
Name	chpcc_entry_PregnancyObservation	**Display Name**	Pregnancy Observation Entry
Description	This element contains structured information about a pregnancy.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.92		
Label	IHE PCC TF2 Rev.11, 6.3.4.25		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 5 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	2018-04-19
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	2016-11-12
2.16.756.5.30.1.1.10.3.53	Containment	Current Pregnancy Section - coded (2018)	2016-11-11

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 *eHDSI Pregnancy Observation* (DYNAMIC) ref epsos-

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 *eHDSI Simple Observation* (DYNAMIC) ref epsos-

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Example

Example

```
<observation classCode="OBS" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.92"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.5"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
  <id root="2.999" extension="your id"/>
  <code code="11778-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="DELIVERY DATE (CLINICAL
ESTIMATE)"/>
  <text>

    <reference value="#po-1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime nullFlavor="UNK"/>
  <value xsi:type="TS" value="20150411"/>
  <author>

    <!-- template 2.16.756.5.30.1.1.10.9.54 'Author Compilation with id, name, addr and telecom' -->

  </author>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation				This element contains structured information about a pregnancy.	IHE PCC TF2

Item	DT	Card	Conf	Description	Label
					Rev.11, 6.3.4.25
@classCode	cs	**1 ... 1**	F	OBS	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.25
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.92	
hl7:templateId	**II**	**1 ... 1**			IHE PCC TF2 Rev.11, 6.3.4.25
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.5	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.25
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
hl7:id	**II**	**1 ... 1**	**M**	Each observation SHALL have an identifier.	IHE PCC TF2 Rev.11, 6.3.4.25
@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.	

Item	DT	Card	Conf	Description	Label
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**M**	See [IHE PCC TF-2], Table 6.3.4.25.4-1 Pregnancy Observation Codes	IHE PCC TF2 Rev.11, 6.3.4.25
@code	cs	**1 ... 1**	R		
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.78 *Pregnancy Observation Codes* (DYNAMIC)			
				from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC)	
Included		**1 ... 1**		The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 ... 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		

Item	DT	Card	Conf	Description	Label
		Value		substring-after(@value,'#')	
	Schematron assert	role		error	
		test		ancestor::hl7:structuredBody//*[@ID=$idvalue]	
		Message		No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').	
hl7:statusCode	**CS**	**1 ... 1**	**M**	The statusCode shall be set to 'completed' for all observations.	IHE PCC TF2 Rev.11, 6.3.4.25
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
Choice		**1 ... 1**		Elements to choose from: ▪ hl7:effectiveTime ▪ hl7:effectiveTime	
hl7:effectiveTime	**TS.CH.TZ**	**0 ... 1**	**C**	Date or timestamp of the finding (physiologically relevant time of this observation).	IHE PCC TF2 Rev.11, 6.3.4.25
hl7:effectiveTime	**IVL_TS.CH.TZ**	**0 ... 1**	**C**	Period of the finding (physiologically relevant time span of this observation).	IHE PCC TF2 Rev.11, 6.3.4.25
hl7:low	**TS.CH.TZ**				IHE PCC TF2 Rev.11, 6.3.4.25
hl7:high	**TS.CH.TZ**				IHE PCC TF2 Rev.11, 6.3.4.25

Item	DT	Card	Conf	Description	Label
hl7:repeatNumber	**IVL_INT**		**NP**		IHE PCC TF2 Rev.11, 6.3.4.25
hl7:value	**ANY**	**1 ... 1**	**R**	See [IHE PCC TF-2], Table 6.3.4.25.4-1 Pregnancy Observation Codes	IHE PCC TF2 Rev.11, 6.3.4.25
hl7:interpretationCode	**CE**		**NP**		IHE PCC TF2 Rev.11, 6.3.4.25
hl7:methodCode	**CE**		**NP**		IHE PCC TF2 Rev.11, 6.3.4.25
hl7:targetSiteCode	**CE**		**NP**		IHE PCC TF2 Rev.11, 6.3.4.25
hl7:author		**0 ... ***	**C**	The author of the statement SHALL be specified either here or in one of the ancestors. Contains 2.16.756.5.30.1.1.10.9.54 *Author Compilation with id, name, addr and telecom* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.25
	Schematron assert	role	error		
		test	(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::*/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	

Item	DT	Card	Conf	Description	Label
		Message		The author of the statement SHALL be specified either here or in one of the ancestors. It shall contain the time, id, name, addr and telecom elements as specified in IHE PCC TF Vol. 2, section 6.3.4.1 Authors and Informants.	
	Schematron assert	role		info	
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the ancestor section.	
	Schematron assert	role		info	
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:ClinicalDocument/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the author in the document header.	

5.2.79 Pregnancy Observation Delivery Date 2.16.756.5.30.1.1.10.4.102 - 2016-11-12 (2018) ref ch-pcc-

Id	2.16.756.5.30.1.1.10.4.102 ref ch-pcc-	**Effective Date**	2016-11-12 Other versions this id: ▪ chpcc_entry_PregnancyObservationDeliveryDate as of 2018-04-19
Status	Active	**Version Label**	2018
Name	chpcc_entry_PregnancyObservationDeliveryDate	**Display Name**	Pregnancy Observation Delivery Date
Description	This element contains structured information about the delivery date of a pregnancy.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.102		
Label	CH-PCC		

Classification	CDA Entry Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 0 templates, Uses 2 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.4.92 *Pregnancy Observation Entry* (DYNAMIC) ref ch-pcc-

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13.5 *eHDSI Pregnancy Observation* (DYNAMIC) ref epsos-

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 *eHDSI Simple Observation* (DYNAMIC) ref epsos-

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Example

Example

```
<observation classCode="OBS" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.102"/>
  <templateId root="2.16.756.5.30.1.1.10.4.92"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.5"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
  <id root="1.2.3.999" extension="extension"/>
  <code code="11778-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="DELIVERY DATE (CLINICAL ESTIMATE)"/>
  <text>

    <reference value="#hop1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime nullFlavor="UNK"/>
  <value type="TS" value="20150411"/>
  <author>

    <!-- template 2.16.756.5.30.1.1.10.9.54 'Author Compilation with id, name, addr and telecom' -->

  </author>
</observation>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation				This element contains structured information about the delivery date of a pregnancy.	CH-PCC
@classCode	cs	**1 ... 1**	F	OBS	
@moodCode	cs	**1 ... 1**	F	EVN	
hl7:templateId	**II**	**1 ... 1**	**M**		CH-PCC
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.102	
hl7:templateId	**II**	**1 ... 1**	**M**		CH-PCC
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.4.92	
hl7:templateId	**II**	**1 ... 1**			CH-PCC
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.5	
hl7:templateId	**II**	**1 ... 1**	**M**		CH-PCC
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
hl7:id	**II**	**1 ... 1**	**M**	Each observation SHALL have an identifier.	CH-PCC
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 ... 1**	**M**		CH-PCC

Item	DT	Card	Conf	Description	Label
@code	cs	**1 .. 1**	F	11778-8	
@codeSystem	oid	**1 .. 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 .. 1**	F	LOINC	
@displayName	st	**1 .. 1**	F	DELIVERY DATE (CLINICAL ESTIMATE)	
				from 2.16.756.5.30.1.1.10.9.14 *Narrative Text Reference* (DYNAMIC)	
Included		**1 .. 1**		The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:text	**ED**	**1 .. 1**	**M**		CDA-CH V2
hl7:reference	**TEL**	**1 .. 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 .. 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 .. 1**	**M**	The statusCode shall be set to 'completed' for all observations.	CH-PCC

Item	DT	Card	Conf	Description	Label
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**TS.CH.TZ**	**1 ... 1**	**R**	Date or timestamp of the finding (physiologically relevant time of this observation).	CH-PCC
hl7:repeatNumber	**IVL_INT**		**NP**		CH-PCC
hl7:value	**TS**	**1 ... 1**	**R**	The delivery date (clinical estimate)	CH-PCC
hl7:interpretationCode	**CE**		**NP**		CH-PCC
hl7:methodCode	**CE**		**NP**		CH-PCC
hl7:targetSiteCode	**CE**		**NP**		CH-PCC
hl7:author		**0 ... ***	**C**	The author of the statement SHALL be specified either here or in one of the ancestors. Contains 2.16.756.5.30.1.1.10.9.54 *Author Compilation with id, name, addr and telecom* (DYNAMIC)	CH-PCC
	Schematron assert	role	error		
		test	(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::*/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])		
		Message	The author of the statement SHALL be specified either here or in one of the ancestors. It shall contain the time, id, name, addr and telecom elements as specified in IHE PCC TF Vol. 2, section 6.3.4.1 Authors and Informants.		
	Schematron assert	role	info		
		test	(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])		
		Message	The author of the statement is specified by the ancestor section.		
	Schematron assert	role	info		

Item	DT	Card	Conf	Description	Label
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:ClinicalDocument/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the author in the document header.	

5.2.80 Vital Signs Observation 2.16.756.5.30.1.1.10.4.21 - 2016-11-12 (2016) ref ch-pcc-

Id	2.16.756.5.30.1.1.10.4.21 ref ch-pcc-	**Effective Date**	2016-11-12 Other versions this id: ▪ chpcc_entry_VitalSignsObservation as of 2016-11-11
Status	Active	**Version Label**	2016
Name	chpcc_entry_VitalSignsObservation	**Display Name**	Vital Signs Observation
Description	Structured notation of a measured value resp. an observation of a single vital sign (such as body height, weight, blood pressure).		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.21		
Label	IHE PCC TF2 Rev.11, 6.3.4.22		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 6 templates, Uses 2 templates

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.4.20	Containment	Vital Signs Organizer Entry (2016)	2020-04-21 15:07:51
2.16.756.5.30.1.1.10.3.4		Vital Signs Section - coded (2016)	2016-11-11
2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2020)	2020-06-26

	2.16.756.5.30.1.1.10.1.10		General Laboratory Report (2018)	2018-04-19
	2.16.756.5.30.1.1.10.4.20	Containment	Vital Signs Organizer Entry (2016)	2016-11-12
	2.16.756.5.30.1.1.10.4.20	Containment	Vital Signs Organizer Entry (2016)	2016-11-11
	Uses	**as**	**Name**	**Version**
	2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	DYNAMIC

Relationship

Version: template 2.16.756.5.30.1.1.10.4.21 *Vital Signs Observation* (2016-11-11) ref ch-pcc-

Specialization: template 2.16.840.1.113883.10.12.303 *CDA Observation* (2005-09-07) ref ad1bbr-

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 *IHE Simple Observation* (2016-09-26 08:43:40) ref IHE-PCC-

Example

Example

```
<observation classCode="OBS" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.21"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.2"/>
  <templateId root="2.16.840.1.113883.10.20.1.31"/>
  <id root="3B9A88CF-E868-490B-B0BF-DA25E7D2F9FA"/>
  <code code="3137-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Body height Measured"/>
  <text>

    <reference value="#o1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime value="20081118"/>
  <value xsi:type="PQ" value="178" unit="cm"/>
  <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83" codeSystemName="HL7 ObservationInterpretation"/>
  <methodCode nullFlavor="NA"/>
  <targetSiteCode nullFlavor="NA"/>
  <author>

    <!-- template 2.16.756.5.30.1.1.10.9.54 'Author Compilation with id, name, addr and telecom' -->

  </author>
```

	</observation>

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:observation					IHE PCC TF2 Rev.11, 6.3.4.22
@classCode	cs	**1 .. 1**	F	OBS	
@moodCode	cs	**1 .. 1**	F	EVN	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.22
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.22
@root	uid	**1 .. 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.2	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.22
@root	uid	**1 .. 1**	F	2.16.840.1.113883.10.20.1.31	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC

Item	DT	Card	Conf	Description	Label
					TF2 Rev.11, 6.3.4.22
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.4.21	
hl7:id	**II**	**1 .. 1**	**R**	Each observation SHALL have an identifier.	IHE PCC TF2 Rev.11, 6.3.4.22
@root	uid	**1 .. 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 .. 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CD**	**1 .. 1**	**R**		IHE PCC TF2 Rev.11, 6.3.4.22
@code	cs	**1 .. 1**	R		
@codeSystem	oid	**1 .. 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 .. 1**	F	LOINC	
@displayName	st	**1 .. 1**	R		
	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.	
hl7:text	**ED**	**1 .. 1**	**M**		CDA-CH V2

Item	DT	Card	Conf	Description	Label
hl7:reference	**TEL**	**1 ... 1**	**M**	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		**1 ... 1**	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody//*[@ID=$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="$idvalue"/>').		
hl7:statusCode	**CS**	**1 ... 1**	**M**	The status 'completed' indicates that the observation is final.	IHE PCC TF2 Rev.11, 6.3.4.22
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 *ActStatusCompleted* (DYNAMIC)			
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**	**R**		IHE PCC TF2 Rev.11, 6.3.4.22
hl7:value	**PQ**	**1 ... 1**	**R**	According to table in [IHE PCC TF-2], 6.3.4.22.3 and section 6.3.4.22.4	IHE PCC TF2 Rev.11, 6.3.4.22
hl7:interpretationCode	**CE**	**0 ... ***	**R**		IHE PCC

Item	DT	Card	Conf	Description	Label
					TF2 Rev.11, 6.3.4.22
@nullFlavor	cs	**0 ... 1**			
@code	cs	**0 ... 1**			
@codeSystem	oid	**0 ... 1**			
@codeSystemName	st	**0 ... 1**			
@displayName	st	**0 ... 1**			
	Schematron assert	role	error		
		test		(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
		Message		Either nullFlavor or a valid code is required.	
hl7:methodCode	**CE**	**0 ... ***	**R**		IHE PCC TF2 Rev.11, 6.3.4.22
@nullFlavor	cs	**0 ... 1**			
@code	cs	**0 ... 1**			
@codeSystem	oid	**0 ... 1**			
@codeSystemName	st	**0 ... 1**			
@displayName	st	**0 ... 1**			
	Schematron assert	role	error		

Item	DT	Card	Conf	Description	Label
		test		(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
		Message		Either nullFlavor or a valid code is required.	
hl7:targetSiteCode	**CD**	**0 ... ***	**R**		IHE PCC TF2 Rev.11, 6.3.4.22
@nullFlavor	cs	**0 ... 1**			
@code	cs	**0 ... 1**			
@codeSystem	oid	**0 ... 1**			
@codeSystemName	st	**0 ... 1**			
@displayName	st	**0 ... 1**			
	Schematron assert	role		error	
		test		(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
		Message		Either nullFlavor or a valid code is required.	
hl7:author		**0 ... ***	**C**	The author of the statement SHALL be specified either here or in one of the ancestors. Contains 2.16.756.5.30.1.1.10.9.54 *Author Compilation with id, name, addr and telecom* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.22
	Schematron assert	role		error	
		test		(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or ancestor::*/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	

Item	DT	Card	Conf	Description	Label
		Message		The author of the statement SHALL be specified either here or in one of the ancestors. It shall contain the time, id, name, addr and telecom elements as specified in IHE PCC TF Vol. 2, section 6.3.4.1 Authors and Informants.	
	Schematron assert	role		info	
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:section/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the ancestor section.	
	Schematron assert	role		info	
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and parent::hl7:component/parent::hl7:organizer/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the ancestor battery organizer.	
	Schematron assert	role		info	
		test		(not(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]] or parent::hl7:component/parent::hl7:organizer/hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]]) and ancestor::hl7:ClinicalDocument/ hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])	
		Message		The author of the statement is specified by the author in the document header.	

5.2.81 Vital Signs Organizer Entry 2.16.756.5.30.1.1.10.4.20 - 2016-11-12 (2016) ref ch-pcc-

Id	2.16.756.5.30.1.1.10.4.20 ref ch-pcc-	Effective Date	2016-11-12 Other versions this id: ▪ chpcc_entry_VitalSignsOrganizer as of 2020-04-21 15:07:51

			▪ chpcc_entry_VitalSignsOrganizer as of 2016-11-11
Status	Active	**Version Label**	2016
Name	chpcc_entry_VitalSignsOrganizer	**Display Name**	Vital Signs Organizer Entry
Description	Coded vital sign organizer according to [IHE PCC TF-2], 6.3.4.21.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.20		
Label	IHE PCC TF2 Rev.11, 6.3.4.21		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 0 templates, Uses 2 templates		

Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	DYNAMIC
2.16.756.5.30.1.1.10.4.21	Containment	Vital Signs Observation (2016)	DYNAMIC

Relationship	Version: template 2.16.756.5.30.1.1.10.4.20 *Vital Signs Organizer Entry* (2016-11-11) ref ch-pcc- Specialization: template 2.16.840.1.113883.10.12.305 *CDA Organizer* (2005-09-07) ref ad1bbr-
Example	Example

```
<organizer classCode="CLUSTER" moodCode="EVN">

  <templateId root="2.16.756.5.30.1.1.10.4.20"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.1"/>
  <templateId root="2.16.840.1.113883.10.20.1.32"/>
  <templateId root="2.16.840.1.113883.10.20.1.35"/>
  <id root="1.2.3.999" extension="--example only--"/>
  <code code="46680005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Vital signs"/>
  <statusCode code="completed"/>
  <effectiveTime>

    <low value="20180323085353+0100"/>
  </effectiveTime>
```

```
  <author>

    <!-- template 2.16.756.5.30.1.1.10.9.54 'Author Compilation with id, name, addr and telecom' -->

  </author>
  <component typeCode="COMP" contextConductionInd="false">

    <sequenceNumber value="1"/>
    <seperatableInd value="false"/>
    <!-- template 2.16.756.5.30.1.1.10.4.21 'Vital Signs Observation' -->

  </component>
</organizer>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:organizer					IHE PCC TF2 Rev.11, 6.3.4.21
@classCode	cs	**1 .. 1**	F	CLUSTER	
@moodCode	cs	**1 .. 1**	F	EVN	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.21
@root	uid	**1 .. 1**	F	2.16.756.5.30.1.1.10.4.20	
hl7:templateId	**II**	**1 .. 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.21

Item	DT	Card	Conf	Description	Label
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.4.13.1	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.21
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.20.1.32	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.21
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.20.1.35	
hl7:id	**II**	**1 ... ***	**R**	The ID for this item.	IHE PCC TF2 Rev.11, 6.3.4.21
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**R**		IHE PCC TF2 Rev.11, 6.3.4.21
@code	cs	**1 ... 1**	F	46680005	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.96	

Item	DT	Card	Conf	Description	Label
@codeSystemName	st	**1 ... 1**	F	SNOMED CT	
@displayName	st	**1 ... 1**	F	Vital signs	
hl7:statusCode	**CS**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.4.21
@code	CONF	**1 ... 1**	**F**	completed	
hl7:effectiveTime	**IVL_TS.CH.TZ**	**1 ... 1**	**R**		IHE PCC TF2 Rev.11, 6.3.4.21
hl7:author		**1 ... ***	**R**	The author of the statement SHALL be specified here, even if it is the same as declared in an ancestor. Contains 2.16.756.5.30.1.1.10.9.54 *Author Compilation with id, name, addr and telecom* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.21
	Schematron assert	role	error		
		test	(hl7:author[hl7:time and hl7:assignedAuthor[hl7:id and hl7:addr and hl7:telecom and (hl7:assignedPerson/hl7:name or hl7:representedOrganization/hl7:name)]])		
		Message	The author of the statement SHALL be specified either here. It shall contain the time, id, name, addr and telecom elements as specified in IHE PCC TF Vol. 2, section 6.3.4.1 Authors and Informants.		
hl7:component		**1 ... ***		Contains 2.16.756.5.30.1.1.10.4.21 *Vital Signs Observation* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.21
@typeCode	cs	**0 ... 1**	F	COMP	

Item	DT	Card	Conf	Description	Label
@contextConductionInd	bl	**0 ... 1**			
hl7:sequenceNumber	**INT**	**0 ... 1**			IHE PCC TF2 Rev.11, 6.3.4.21
hl7:seperatableInd	**BL**	**0 ... 1**			IHE PCC TF2 Rev.11, 6.3.4.21

5.2.82 Current Pregnancy Section - coded 2.16.756.5.30.1.1.10.3.53 - 2016-11-11 (2018) ref ch-pcc-

Id	2.16.756.5.30.1.1.10.3.53 ref ch-pcc-	**Effective Date**	2016-11-11 Other versions this id: ▪ chpcc_section_CurrentPregnancyCoded as of 2018-04-19 ▪ chpcc_section_CurrentPregnancyCoded as of 2016-11-12
Status	Active	**Version Label**	2018
Name	chpcc_section_CurrentPregnancyCoded	**Display Name**	Current Pregnancy Section - coded

Description

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

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

This section SHALL not be present for male patients.

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

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

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

Relationship	Specialization: template 2.16.756.5.30.1.1.10.3.52 *Pregnancy History Section - coded* (DYNAMIC) ref ch-pcc- Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4 *eHDSI Pregnancy History* (DYNAMIC) ref epsos- Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr-
Example	Example

```
<section>

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

    <!-- Narrative Text -->

  </text>
  <entry typeCode="DRIV">

    <!-- template 2.16.756.5.30.1.1.10.4.92 'Pregnancy Observation Entry' -->

  </entry>
</section>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:section				Chapter (CDA Body Section) containing the information about a current pregnancy. This section is specialisation of the Pregnancy Hostory section according to IHE PCC Technical Framework Revision 11.0 - November 11, 2016. The section MUST contain at least one Pregnancy Observation entry. In case of no pregnancy, one of the 'special case' codes MUST be used. This section SHALL not be present for male patients. For eVACDOC, this section MUST only contain the estimated delivery date.	CDA-CH V2 Body Templates
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2 Body Templates
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.53	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2 Body Templates
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.4	
hl7:templateId	**II**	**1 ... 1**	**M**		CDA-CH V2 Body Templates
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.127.77.1.10.1	
hl7:id	**II**	**0 ... 1**	**R**	An ID for this section MAY be filled for traceability.	CDA-CH V2 Body Templates
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

Item	DT	Card	Conf	Description	Label
hl7:code	**CE**	**1 ... 1**	**M**		CDA-CH V2 Body Templates
@code	st	**1 ... 1**	F	10162-6	
@codeSystem	oid	**1 ... 1**	F	2.16.840.1.113883.6.1	
@codeSystemName	st	**1 ... 1**	F	LOINC	
@displayName	st	**1 ... 1**	F	HISTORY OF PREGNANCIES	
hl7:title	**ST**	**1 ... 1**	**M**		CDA-CH V2 Body Templates
	CONF	element content shall be "Pregnancy" -or- element content shall be "Schwangerschaft" -or- element content shall be "Grossesse" -or- element content shall be "Gravidanza"			
	Variable let	Name	languageCode		
		Value	substring(/hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not($languageCode='en') or (text()='Pregnancy')		
		Message	The English title MUST read 'Pregnancy'		
	Schematron assert	role	error		
		test	not($languageCode='de') or (text()='Schwangerschaft')		
		Message	The German title must MUST read 'Schwangerschaft'		
	Schematron assert	role	error		

Item	DT	Card	Conf	Description	Label
		test		not($languageCode='fr') or (text()='Grossesse')	
		Message		The French title MUST read 'Grossesse'	
	Schematron assert	role		error	
		test		not($languageCode='it') or (text()='Gravidanza')	
		Message		The Italian title MUST read 'Gravidanza'	
hl7:text	**SD.TEXT**	**1 ... 1**	**M**	The narrative text for this section.	CDA-CH V2 Body Templates
Choice		**1 ... ***		Elements to choose from: ▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.102 *Pregnancy Observation Delivery Date* (DYNAMIC) ▪ hl7:entry containing template 2.16.756.5.30.1.1.10.4.92 *Pregnancy Observation Entry* (DYNAMIC)	
hl7:entry		**0 ... 1**	**C**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.102 *Pregnancy Observation Delivery Date* (DYNAMIC)	CDA-CH V2 Body Templates
@typeCode	cs	**1 ... 1**	F	DRIV	
hl7:entry		**0 ... ***	**C**	The narrative text in the text element of the section MUST be generated automatically from the information in this entry. Contains 2.16.756.5.30.1.1.10.4.92 *Pregnancy Observation Entry* (DYNAMIC)	CDA-CH V2 Body Templates
@typeCode	cs	**1 ... 1**	F	DRIV	
	Schematron assert	role		error	
		test		not(//templateId[@root='2.16.756.5.30.1.1.10.4.92'])	
		Message		This template is not allowed in CDA-CH-VACD.	
	Schematron assert	role		error	
		test		not(/hl7:ClinicalDocument/hl7:recordTarget/hl7:patientRole/hl7:patient/hl7:administrativeGenderCode/@code='M')	
		Message		This section is not allowed for male patients.	

5.2.83 Vital Signs Section - coded 2.16.756.5.30.1.1.10.3.4 - 2016-11-11 (2016) ref ch-pcc-

Id	2.16.756.5.30.1.1.10.3.4 ref ch-pcc-	**Effective Date**	2016-11-11
Status	Active	**Version Label**	2016
Name	chpcc_section_VitalSignsCoded	**Display Name**	Vital Signs Section - coded
Description	This section contains a list of measured / observed vital signs.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.4		
Label	IHE PCC TF2 Rev.11, 6.3.3.4.5		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by / Uses

Used by 1 transaction and 2 templates, Uses 1 template

Used by	as	Name	Version
cdachlrep-transaction-2	Transaction	CDA-CH-LREP - General Laboratory Report (2018)	2018-03-06 18:38:46
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2020)	2020-06-26
2.16.756.5.30.1.1.10.1.10	Containment	General Laboratory Report (2018)	2018-04-19

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.20	Containment	Vital Signs Organizer Entry (2016)	DYNAMIC

Relationship

Version: template 2.16.756.5.30.1.1.10.3.4 *Vital Signs Section - coded* (DYNAMIC) ref ch-pcc-

Specialization: template 2.16.840.1.113883.10.12.201 *CDA Section* (2005-09-07) ref ad1bbr-

Example

Example

```
<component>

 <section>

  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.3.25"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2"/>
  <id root="2.999" extension="your id"/>
  <code code="8716-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="VITAL SIGNS"/>
```

```
<text>

 <content ID="o1"> Vitalzeichen: - Gro?sse: 178 cm </content>
</text>
<entry>

 <organizer classCode="CLUSTER" moodCode="EVN">

  <templateId root="2.16.840.1.113883.10.20.1.32"/>
  <templateId root="2.16.840.1.113883.10.20.1.35"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.1"/>
  <id root="2.999" extension="your id"/>
  <code code="46680005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Vital signs"/>
  <statusCode code="completed"/>
  <effectiveTime value="20081118"/>
  <author typeCode="AUT">

   <time value="20081118"/>
   <assignedAuthor>

    <id root="2.51.1.3" extension="7608888888888"/>
   </assignedAuthor>
  </author>
  <!-- one or more vital signs observations -->

  <component typeCode="COMP">

   <observation classCode="OBS" moodCode="EVN">

    <templateId root="2.16.756.5.30.1.1.1.1.1" extension="CDA-CH.Body.VitalSignL3"/>
    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/>
    <templateId root="2.16.840.1.113883.10.20.1.31"/>
    <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.2"/>
    <id root="2.999" extension="your id"/>
    <code code="3137-7" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
    <text>

     <reference value="#o1"/>
    </text>
    <statusCode code="completed"/>
    <effectiveTime value="20081118"/>
    <value xsi:type="PQ" value="178" unit="cm"/>
```

```
          <interpretationCode code="N" codeSystem="2.16.840.1.113883.5.83"/>
          <methodCode nullFlavor="NA"/>
          <targetSiteCode nullFlavor="NA"/>
        </observation>
      </component>
    </organizer>
  </entry>
 </section>
</component>
```

Expand All | Collapse All

Item	DT	Card	Conf	Description	Label
hl7:section				This section contains a list of measured / observed vital signs.	IHE PCC TF2 Rev.11, 6.3.3.4.5
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2 Rev.11, 6.3.3.4.5
@root	uid	**1 ... 1**	F	2.16.756.5.30.1.1.10.3.4	
hl7:templateId	**II**	**1 ... 1**	**R**		IHE PCC TF2 Rev.11, 6.3.3.4.5
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.1.5.3.2	
hl7:templateId	**II**	**1 ... 1**	**R**		IHE PCC TF2 Rev.11, 6.3.3.4.5
@root	uid	**1 ... 1**	F	1.3.6.1.4.1.19376.1.5.3.1.3.25	
hl7:templateId	**II**	**1 ... 1**	**M**		IHE PCC TF2

Item	DT	Card	Conf	Description	Label
					Rev.11, 6.3.3.4.5
@root	uid	**1 ... 1**	F	2.16.840.1.113883.10.20.1.16	
hl7:id	**II**	**0 ... 1**		An ID for this section MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.3.4.5
@root	uid	**1 ... 1**	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
@extension	st	**0 ... 1**		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:code	**CE**	**1 ... 1**	**R**		IHE PCC TF2 Rev.11, 6.3.3.4.5
@code	CONF	**0 ... 1**	**F**	8716-3	
@codeSystem		**0 ... 1**	**F**	2.16.840.1.113883.6.1 (LOINC)	
@codeSystemName		**0 ... 1**	**F**	LOINC	
@displayName		**0 ... 1**	**F**	Vital signs	
hl7:title	**ST**	**1 ... 1**	**M**	Fixed human readable title of this section. ▪ [ge]: 'Vitalzeichen' ▪ [fr]: 'Signes vitaux' ▪ [it]: 'Segni vitali' ▪ [en]: 'Vital Signs'	IHE PCC TF2 Rev.11, 6.3.3.4.5
	Variable let	Name	languageCode		
		Value	substring(ancestor::hl7:ClinicalDocument/hl7:languageCode/@code,1,2)		
	Schematron assert	role	error		

Item	DT	Card	Conf	Description	Label
		test		not($languageCode='ge') or (text()='Vitalzeichen')	
		Message		The German title must read 'Vitalzeichen'	
	Schematron assert	role		error	
		test		not($languageCode='fr') or (text()='Signes vitaux')	
		Message		The French title must read 'Signes vitaux'	
	Schematron assert	role		error	
		test		not($languageCode='it') or (text()='Segni vitali')	
		Message		The Italian title must read 'Segni vitali'	
	Schematron assert	role		error	
		test		not($languageCode='en') or (text()='Vital Signs')	
		Message		The English title must read 'Vital Signs'	
hl7:text	**SD.TEXT**	**1 ... 1**	**M**	Human readable text of this section.	IHE PCC TF2 Rev.11, 6.3.3.4.5
hl7:entry		**0 ... ***		Contains 2.16.756.5.30.1.1.10.4.20 *Vital Signs Organizer Entry* (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.3.4.5