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## CDA-CH V2.1 (2020)



HL7 Benutzergruppe Schweiz

<http://hl7.ch>

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Versionierung				
Version	Datum	Status	Änderungen gegenüber Vorversion	Download
1.2	27.01.2009	Ausser Kraft		 Dokument 
2.0.0	20.12.2017	Ersetzt mit V2.0.1	<ul style="list-style-type: none"> <li>▪ Integration aller neuen Erkenntnisse/Anforderungen seit CDA-CH V1.2 (2009)</li> <li>▪ Modellierung mit ART-DECOR</li> </ul>	kein download verfügbar
2.0.1	18.04.2018	Ersetzt mit V2.0.2	<ul style="list-style-type: none"> <li>▪ Auswirkungen aus öffentlicher Vernehmlassung EPDV, Anhang 4 integriert</li> </ul>	kein download verfügbar
2.0.2	07.05.2018	Ersetzt mit V2.0.3	<ul style="list-style-type: none"> <li>▪ Formelle Anpassungen in ART-DECOR</li> <li>▪ Korrekturen URL's</li> </ul>	 Dokument 
2.0.3	12.06.2018	Ersetzt mit V2.1	<ul style="list-style-type: none"> <li>▪ Neue GLN im Fallbeispiel 'Hüftgelenkersatz' gemäss Vorgabe eCH</li> <li>▪ Keine Änderungen in ART-DECOR gegenüber 2.0.2</li> </ul>	 Dokument 
2.1	21.01.2020	Ballot	<p>Korrekturen auf Art-Decor:</p> <ul style="list-style-type: none"> <li>▪ Author: new Version 2020 without functionCode, relaxed vocabulary rules</li> <li>▪ Document Confidentiality Code: new Version 2020 with code from ValueSet DocumentEntry.confidentialityCode, relaxed vocabulary rules</li> <li>▪ Document Language: referenced RFC5646</li> <li>▪ recordTarget: new Version 2020 which refers to AdministrativeGender HL7 V3, relaxed vocabulary rules</li> <li>▪ Document Code: new Version 2020 which refers to ValueSet DocumentEntry.typeCode, relaxed vocabulary rules</li> <li>▪ Custodian: new Version 2020 with corrected cardinality max 1 of addr/telecom in representedCustodianOrganization (see issue 12)</li> <li>▪ <b>structureBody 2017</b> requires templateId 2.16.756.5.30.1.1.10.1.9, this templateId has been moved to 'Document Template Ids CDA-CH v2.1 - structureBody'</li> <li>▪ Assigned Entity Compilation * and Author Compilation *: new Templates which have no more a code/function ValueSet to snomed/EprAuthorRole</li> </ul>	 Dokument 
2.1	06.04.2020	Aktiv	<ul style="list-style-type: none"> <li>▪ Keine Änderungen gegenüber 2.1 Ballot</li> </ul>	 Dokument 

**Identifikation dieses Dokuments**

*Abkürzung:* CDA-CH V2 (2020)

*OID:* 2.16.756.5.30.1.1.1.1.4

**Impressum**

*Herausgeberin:*

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*Genehmigt am / durch:*

30.11.2017 HL7 Vorstand Meeting

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## **Ausserkraftsetzung vorbestehender Spezifikationen**

Folgende vorbestehende Spezifikationen werden mit Genehmigung der vorliegenden Spezifikation ausser Kraft gesetzt:

- [CDA-CH V1.2 vom 27. Januar 2009](#)
- [CDA-CH II V1.2 vom 01. Oktober 2011](#)

## **Zweck und Positionierung**

Das vorliegende Dokument definiert den technischen und semantischen Standard für den elektronischen und strukturierten Austausch der beschriebenen Informationen rund um das elektronische Patientendossier (EPD).

## **Gleichstellung von Mann und Frau**

Im Interesse einer besseren Lesbarkeit wird auf die konsequente gemeinsame Nennung der männlichen und weiblichen Form verzichtet. Wo nicht anders angegeben, sind immer beide Geschlechter gemeint.

## **Elektronische Version**

Die Inhalte dieses Dokuments können auch auf dem [Wiki](#) abgerufen werden.

Die normative Spezifikation inklusive den Schematron-Regeln ist auf [Art-Decor](#) publiziert.

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# 1 Zusammenfassung

Ein Patient durchläuft während einer Behandlung in der Regel mehrere, oft sogar zahlreiche Institutionen. Auf dem Behandlungspfad eines Patienten werden zahlreiche medizinische Dokumente ausgetauscht. Ein isolierter Betrieb von Informationssystemen führt nebst Mehrfacherfassungen, Medienbrüchen und anderen negativen Begleiterscheinungen vor allem zu unnötigem personellen Aufwand. Oft wird auch heute noch das Papier als Medium und der Patient als Kurier eingesetzt. Mit den heute verfügbaren Mitteln der Informations- und Kommunikationstechnologie (ICT) sind demgegenüber wesentliche Verbesserungen möglich. Beispiele:

- Automatische Verteilung der Dokumente aufgrund der, im Dokumentenkopf genannten Empfänger
- Elektronische Verarbeitung der Nutzdaten
  - Sendende Informationssysteme können Inhalte aus deren Datenbeständen automatisch generieren
  - Empfangende Informationssysteme können ihre Datenbestände aus elektronisch erhaltenen Dokumenten automatisch nachführen
  - Alarmierungen oder Workflows können bei Bedarf initialisiert werden

Um einen einheitlichen, ökonomisch vertretbaren Einsatz des elektronischen Austausches medizinischer Dokumente zu ermöglichen, ist der Einsatz von Standards notwendig. Dadurch wird sichergestellt, dass mehrere in sich autonome Systeme und Organisationen ohne vorherige Absprachen miteinander kommunizieren können. CDA-CH ist genau dazu etabliert worden und soll als Instrument dienen, die Interoperabilität zwischen Leistungserbringern im schweizerischen Gesundheitswesen erhöhen. CDA-CH V2 (2020) bietet eine Konformität zu eCH Normen für Postadresse und Personendaten, sowie zum EPDG (Anhang 3: Metadaten und Anhang 4: Austauschformate). Damit wird sichergestellt, dass CDA-CH V2 Dokumente optimal in Prozesse rund ums elektronische Patientendossier (EPD) integriert werden können. Der Einsatz im EPD ist allerdings nur eines von zahlreichen Szenarien für den Einsatz von CDA-CH V2. CDA-CH V2 kann und wird auch ausserhalb des EPD eingesetzt werden.

## **2 Einleitung**

### **2.1 Ausgangslage und Motivation**

Eine Grundlage für die Austauschformate in der Schweiz bildet die CDA-CH Spezifikation. Diese wurde im 2009 etabliert und im 2017 aktualisiert. Die vorliegende Überarbeitung dient insbesondere der Anpassung an Vorgaben aus dem [Gesetz zum elektronischen Patientendossier](#).

Der im Steuerungsausschuss von „eHealth Suisse“ verabschiedete Umsetzungsvorschlag sieht ein einheitliches Austauschformat für die hier genannten Informationen vor. Damit kann der Austausch dieser Informationen zwischen allen beteiligten Institutionen und Personen unterstützt werden.

Dokumente, welche nach diesem Austauschformat erstellt werden, sind ausserdem geeignet für die Ablage im EPD.

### **2.2 Status und Zweck des Dokuments**

Das vorliegende Dokument beschreibt den Inhalt von „CDA-CH V2.1 2020 (specification)“ und definiert damit ein einheitliches Austauschformat für den Informationsaustausch im Gesundheitswesen Schweiz. Es enthält den Text wie er vom Projektteam erarbeitet wurde und beinhaltet die normative Spezifikation basierend auf HL7 CDA. Dieses Austauschformat ist nach einer breiten Anhörung als nationaler Standard durch eHealth Suisse zur Verwendung empfohlen.

### **2.3 Angesprochene Leserschaft**

Das vorliegende Austauschformat richtet sich an Behandelnde, Hersteller und Lieferanten von Software und Systemen sowie alle weiteren Gesundheitsfachpersonen, welche sich mit vorliegendem Thema befassen.

ICT-Fachleute finden im Kapitel Spezifikation (normativ) die normative Spezifikation und im Kapitel Validierung, Technologien und Tools Verweise auf Dokumente zu Technologien und Tools zur Validierung sowie weitere Hilfsunterlagen (sogenannte „Supporting Documents“). Eine Beschreibung der Anwendungsfälle findet sich in Kapitel Anwendungsfälle.

### **2.4 Ziele und Abgrenzungen**

#### **2.4.1 Interoperabilität als Voraussetzung**

Eine sinnvolle Umsetzung elektronischer Meldungen bedingt Interoperabilität der beteiligten Systeme. Die "HL7 EHR Interoperability Work Group" hat Interoperabilität unterteilt in folgende Stufen<sup>[Anmerkung 1]</sup>:

- Technische Interoperabilität
- Semantische Interoperabilität
- Prozessinteroperabilität

Technisch interoperabel sind Systeme, die miteinander Daten austauschen können. Semantische Interoperabilität bedeutet, dass die Information vom empfangenen System richtig interpretiert werden kann. Die Prozessinteroperabilität befasst sich mit der Integration der Systeme in den Arbeitsablauf.

Das vorliegende Austauschformat beinhaltet die Spezifikationen für die semantische Interoperabilität von Systemen im Zusammenhang mit "CDA-CH V2.1 2020 (specification)".

Die technische Interoperabilität ist eine Voraussetzung dafür, dass die semantische Interoperabilität zum Tragen kommt. Sie beinhaltet unter anderem den Transportmechanismus von Meldungen. Dieses Austauschformat macht zum Transportmechanismus keine Vorgaben.

Kapitel Anwendungsfälle zeigt relevante Anwendungsfälle und gibt Hinweise für eine geeignete Implementation. Den Hinweisen liegen Überlegungen zur Prozessinteroperabilität zugrunde. Vorgaben und eine vertiefte Behandlung der Prozessinteroperabilität sind jedoch nicht Gegenstand dieses Dokuments.

## 2.4.2 Ziele

Automatisierung:

- Automatisierung der Datenbereitstellung seitens der Datenlieferanten und damit Eliminierung von Fehlern, die heute durch manuelle Bearbeitung auftreten können.
- Automatisierung der Datenverarbeitung seitens der Behandelnden und damit Reduktion des Aufwandes, welcher die bisher praktizierten Verfahren und Abläufe verursachen.

Harmonisierung, Interoperabilität und Investitionsschutz:

- Sicherstellung der Wiederverwendbarkeit gleicher Elemente in den verschiedenen Austauschformaten und damit Reduktion des Entwicklungsaufwandes für neue Schnittstellen
- Harmonisierung der Informationen im CDA Header, da mit diese in den verschiedenen - von CDA-CH abgeleiteten - Austauschformaten identisch wiederverwendet werden können.

## 2.4.3 Abgrenzungen

Die vorliegende Spezifikation fokussiert auf die Strukturierung der administrativen Informationen in einem HL7 CDA Dokument (CDA Header), wie sie beim Einsatz in der Schweiz angewendet werden sollen. Es handelt sich dabei z.B. um Sprache, Autor, Verweis auf ein allfällig zu ersetzendes Dokument oder einen Auftrag der zur Erstellung des neuen Dokuments geführt hat, weitere beteiligte Personen oder Organisationen (wie Notfallkontakte, Versicherungen, Arbeitgeber, rechtsgültiger Unterzeichner, etc.). Eine genauere Übersicht befindet sich im Kapitel Spezifikation (normativ).

Da es sich bei dieser Spezifikation um die Grundlage für den Austausch von strukturierten Dokumenten handelt wird von einer Strukturierung von medizinischen Daten ausgegangen. Es wird aber nicht auf die Strukturierung von medizinischen Daten eingegangen, denn dies ist Inhalt der verschiedenen Austauschformate, welche von CDA-CH für entsprechende Anwendungsfälle (wie z.B. elektronisches Impfdossier, eMedikation oder allgemeine Laborbefunde) abgeleitet werden.

Eine genauere Übersicht über die verschiedenen Varianten im CDA Body kann dem Wiki von HL7 Deutschland entnommen werden: [CDA Body im Arztbrief V2](#).

Folgende Themen werden vom vorliegenden Austauschformat nicht behandelt:

- Dokumente mit unstrukturierten Daten (CDA Body).

- Eigentliche Strukturierung von medizinischen Daten (CDA Body).
- Eigentliche Übertragung der Dokumente (Kommunikation).
- Definition von Prozessen, welche beim Empfänger durch die elektronische Verarbeitung der strukturierten Daten möglich werden.

## **2.5 Grundlagen und Basistechnologien**

Die Anwendungsfälle rund um "CDA-CH V2.1 2020 (specification)" lassen sich nach den Empfehlungen der Strategie eHealth Schweiz umsetzen. Die elektronischen Informationen dazu sollen im elektronischen Patientendossier zugänglich sein und den Beteiligten eine elektronische Verarbeitung ermöglichen.

Das vorliegende Austauschformat basiert auf Integrationsprofilen der IHE und der HL7 Clinical Document Architecture (CDA). Siehe auch Kapitel Bezug zu anderen Standards und Leitfäden.

## **2.6 Verantwortlichkeiten**

Die Herausgeberin genehmigt ausdrücklich die Anwendung des vorliegenden Leitfadens ohne Lizenz- und Nutzungsgebühren zum Zweck der Übermittlung von "CDA-CH V2.1 2020 (specification)" und weist darauf hin, dass dies mit dem Einverständnis aller an der Erarbeitung des Austauschformats beteiligten Mitwirkenden erfolgt. Die Nutzung des Leitfadens erfolgt in der Verantwortung der Anwender.

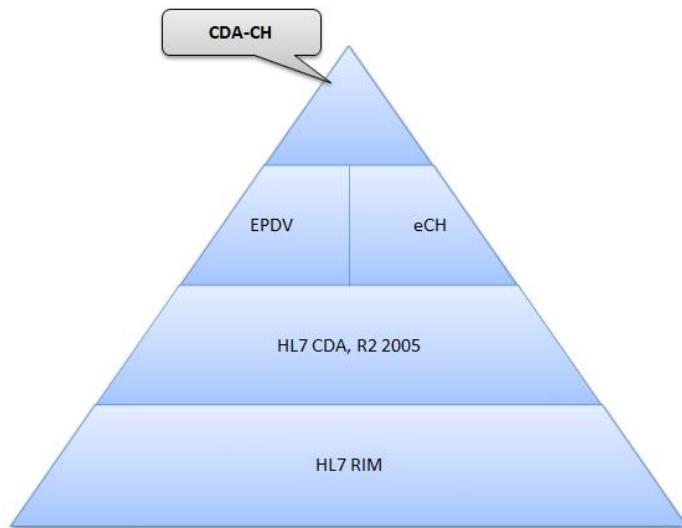
Die Codierung von einzelnen Informationen in dieser Spezifikation basiert auf definierten Value-Sets und Vokabularen, welche die akzeptierten Codes definieren.

Für die Publikation von Value-Sets ist das Koordinationsorgan Bund-Kantone „eHealth Suisse“ verantwortlich.

### 3 Formelle Grundlagen

#### 3.1 Bezug zu anderen Standards und Leitfäden

Das vorliegende Austauschformat baut auf folgenden Grundlagen auf:



[Abbildung 1] Bezug zu anderen Standards und Leitfäden – Referenzpyramide

##### 3.1.1 IHE Integrationsprofile

IHE (Integrating the Healthcare Enterprise) ist eine internationale Initiative zur Verbesserung des elektronischen Datenaustausches zwischen IT-Systemen im Gesundheitswesen. IHE erarbeitet sogenannte Integrationsprofile, welche definieren, wie bestehende Standards (z. B. HL7, DICOM) in Arbeitsabläufen anzuwenden sind, damit Informationssysteme unterschiedlicher Hersteller interoperabel und ohne Verlust von Informationen miteinander kommunizieren können. IHE wurde im Jahr 1998 in den USA ins Leben gerufen; Europa und Asien folgten kurz darauf. 2010 wurde IHE Suisse gegründet.

Dokumente, welche basierend auf IHE Inhaltsprofilen (Content Profiles) erstellt werden, können in der IHE Cross-enterprise document sharing Architektur (XDS.b) abgelegt, gemäss IHE Cross-Enterprise Document Reliable Interchange (XDR) an einen Empfänger gesendet oder wie von IHE Cross-Enterprise Document Media Interchange (XDM) vorgegeben auf ein Medium geschrieben und von dort wieder gelesen werden. Das IHE Integrationsprofil XDS.b ist im Übrigen die Basis für das verteilte elektronische Patientendossier (EPD) in der Schweiz.

Die, im vorliegenden Austauschformat referenzierten IHE Inhaltsprofile referenzieren auf HL7 CDA R2 als Basisstandard für Dokumenteninhalte.

##### 3.1.2 HL7 V3

HL7 steht für "Health Level Seven" und bezeichnet einen internationalen Standard zum elektronischen Austausch von Daten im Gesundheitswesen. Die Zahl „7“ bezieht sich auf die siebte Schicht des OSI Modells und drückt damit aus, dass HL7 primär die Kommunikation auf der applikatorischen Ebene standardisiert.

HL7 hat seinen Ursprung 1987 in den USA. Mittlerweile ist es eine kommerzielle Organisation (HL7.org), die HL7 heute in den Versionen 2.x und 3.0 anbietet. Gleichzeitig ist HL7.org die Dachorganisation aller HL7 Benutzer und koordiniert deren Aktivitäten auch auf internationaler Ebene. HL7-Affiliates existieren inzwischen in über 30 Ländern, darunter auch in der Schweiz.

Das vorliegende Austauschformat baut auf HL7 Version 3 auf. Version 3 ist XML-basiert und basiert auf einem umfangreichen Objektmodell, dem Reference Information Model (RIM). Dieses Modell bildet die Grundlage für Standards wie die Clinical Document Architecture (CDA) und damit auch für dieses Austauschformat.

### **3.1.3     HL7 Clinical Document Architecture (CDA)**

Die HL7 Clinical Document Architecture ist ein offizieller ANSI und HL7 Standard mit gültiger Fassung R2 aus dem Jahr 2005. Die HL7 CDA R2 ist eine von mehr als 30 verschiedenen Domänen der HL7 V3 Standards-Familie, welche objektorientiert entworfen worden und im sogenannten HL7 Reference Information Model (RIM) dokumentiert ist.

## **3.2       Gesetzgebung Elektronisches Patientendossier (EPDG)**

Mit dem elektronischen Patientendossier sollen die Qualität der medizinischen Behandlung gestärkt, die Behandlungsprozesse verbessert, die Patientensicherheit erhöht und die Effizienz des Gesundheitssystems gesteigert sowie die Gesundheitskompetenz der Patientinnen und Patienten gefördert werden.

Das Bundesgesetz über das elektronische Patientendossier regelt die Rahmenbedingungen für die Einführung und Verbreitung des elektronischen Patientendossiers und ist seit 15. April 2017 in Kraft.

Für die vorliegende Spezifikation sind demnach die gesetzlichen Grundlagen zum EPDG relevant. Gesetz, Verordnungen, Erläuterungen und weitere Dokumente können beim BAG unter diesem [Link](#) bezogen werden.

Darüber sind auch OID Konzept, Empfehlungen und weitere Dokumente von "[eHealth Suisse](#)" relevant.

## **3.3       Übersetzungen**

Diese Version des Dokuments ist in [Deutsch](#) und [Französisch](#) verfügbar.

## **4      Begriffsdefinitionen**

In diesem Dokument verwendete Begriffe halten sich an die Begriffsdefinition im [Glossar von eHealth Suisse](#).

## 5 Anwendungsfälle

Die hier skizzierten Anwendungsfälle (UC = Use Case) beziehen sich auf Beispiele, wie sie heute bei den verschiedenen Akteuren im Schweizer Gesundheitswesen vorkommen, die mit dem vorliegenden Thema zu tun haben. Einige Anwendungsfälle werden erst möglich, wenn durch Import/Export-Mechanismen alle relevanten Informationen interoperabel fliessen können.

Ziel ist einerseits die Bereitstellung von Informationen zum Gesundheitszustand des Patienten in einer menschlich lesbaren Form für die am Behandlungspfad beteiligten Personen. Andererseits sollen durch die elektronische Verarbeitung der Informationen Prozesse in den ICT-Systemen optimiert werden können. Nachfolgend beschriebene Anwendungsfälle verdeutlichen diese Zusammenhänge im vorliegenden Kontext.

### 5.1 Einführung

Diese Spezifikation dient der Unterstützung des elektronischen Austauschs medizinischer Dokumente. Der bewusst weitgefasste Begriff des „medizinischen Dokuments“ ermöglicht die Anwendung dieser Vorgaben für eine Vielzahl von Situationen des medizinischen Alltags, insbesondere die Kommunikation mit Stellen in anderen Betrieben betreffend. Die Vielzahl der Dokumente wird anhand der folgenden, nicht abschliessenden Auflistung von Beispielen deutlich:

Dokumentart	Zweck	Beispiele
Medizinischer Bericht	Orientierung einer behandlungs-beteiligten Stelle über den Verlauf einer Behandlung	Austrittsbericht / Abschlussbericht, Übergabebericht an eine weiterbehandelnde Stelle, Zwischenbericht betreffend einer laufenden Behandlung
Auftrag	Auslösen einer Massnahme im Zusammenhang mit der Behandlung eines Patienten	Zuweisung zur stationären oder ambulanten Übernahme der Behandlung (z.B. Spitäleinweisung), Auftrag zur konsiliari-schen Durchführung von diagnostischen oder therapeutischen Massnahmen, Weitere Verordnungen an behandlungsbeteilig-te Stellen: SPITEX, Physiotherapie etc., Rezept
Bericht über Teila-spekte ei-ner Behand-lung	Orientierung über einzelne Teila-spekte einer Behandlung, häufig im Zusammenhang mit der Durchführung von therapeuti-schen oder diagnostischen Mass-nahmen	Operationsbericht, Laborresultate resp. Zusammenfassung der Laborresultate, Radiologiebefund, Pathologiebefund
Pflegeberichte	Orientierung über Pflegeinfor-mationen betreffend Behandlung, Therapie und Pflege eines Patien-ten.	Pflegebericht, Behandlungsbericht Physiotherapie
etc.		

[Tabelle 1] Auflistung von Beispielen von medizinischen Dokumenten

Der Austausch medizinischer Dokumente kann verschiedene Ziele verfolgen:

- Als medizinischer Bericht dient er dem Informationsaustausch über Daten aus der Krankengeschich-te eines Patienten zwischen Sender und Empfänger eines Dokumentes.
- In Form eines Auftrags dient er der Veranlassung weiterer Massnahmen durch den Empfänger eines Dokumentes in Bezug auf eine Patientenbehandlung.

Medizinische Dokumente sind traditionell zumeist in Absätzen gegliedert und häufig ausgezeichnet durch eine Überschrift. Die Absätze entsprechen dabei jeweils einer Informations-Entität oder einem Informationsaspekt, wie in den nachfolgenden Beispielen verdeutlicht wird. Allerdings ergibt sich die Wertigkeit einer Entität häufig erst aus dem Gesamtkontext eines Dokumentes. Abschnitte mit ähnlich lautender oder gleichlautender Bezeichnung sind also nicht in jedem Fall Sinn-äquivalent. So wird z.B. die Liste der Operationsdiagnosen aus einem Operationsbericht häufig nicht deckungsgleich mit der Diagnosenliste des späteren Austrittsberichtes dieses Patienten sein.

Der Austausch von Dokumenten ist meist Teil eines Workflows. Oft werden auch mehrere Dokumente, bezugnehmend aufeinander, im Rahmen eines medizinischen Ablaufes ausgetauscht. So wird sich der Befund einer diagnostischen Untersuchung beispielsweise auf die Fragestellung beziehen, welche im Auftrag zu dieser Untersuchung formuliert wurde. Es ist nicht Gegenstand des vorliegenden Dokumentes, Empfehlungen zur Implementierung medizinischer Abläufe abzugeben. Allerdings soll die Integration elektronischer Workflows durch die Definitionen dieser Spezifikation erleichtert und vereinfacht werden. Zur Demonstration der möglichen Ausgestaltung medizinischer Dokumente wird nachfolgend zusammenfassend das in CDA-CH V1 (2009) ausführlich beschriebene Fallbeispiel "Hüftgelenkersatz" dargestellt.

Die, in den nachfolgenden Unterkapiteln genannten Fallbeispiele sind frei erfunden und haben keinen didaktischen Anspruch. Sie könnten sich tatsächlich so abspielen, und dienen somit der Veranschaulichung der Situation. Gleichermaßen gilt für die erwähnten Dokumente, deren Inhalte auf das Fallbeispiel abgestimmt sind.

## 5.2 Storyboard "Hüftgelenkersatz"

Dieses Fallbeispiel dient lediglich der Illustrierung für eine mögliche Umsetzung der vorliegenden Spezifikation und ist selbstverständlich nicht als Vorgabe zu werten.

Ein 70-jähriger Patient wendet sich wegen belastungsabhängigen Schmerzen im rechten Hüftgelenk, welche schon seit längerer Zeit bestehen, in den vergangenen Monaten aber deutlich zugenommen haben, an seinen Hausarzt.

Aufgrund der Anamnese und des klinischen Status des Patienten stellt der Hausarzt die Verdachtsdiagnose einer Arthrose des rechten Hüftgelenkes als Ursache für die Beschwerden. Der Hausarzt entschliesst sich, den Verdacht durch eine Röntgenuntersuchung des Hüftgelenkes zu bestätigen. Da er selbst keine Röntgenuntersuchungen durchführt, meldet er den Patienten in einem externen Röntgeninstitut mittels eines Auftragsformulars an und vereinbart auch gleich einen Untersuchungstermin. Die Bilder der Untersuchung sowie ein Röntgenbefund mit Beurteilung durch den radiologischen Facharzt werden dem Hausarzt kurz nach Durchführung der Untersuchung zugestellt.



**Kontext EPD:** Der Patient gibt seinem Hausarzt die Berechtigung auf sein EPD. Der Hausarzt sucht vor dem Besuch des Patienten die letzten Röntgenbilder (*Dokumenttyp, Einstellungsdatum, optional Typ der Einrichtung*).

Bei der nächsten Konsultation bespricht der Hausarzt die Situation mit dem Patienten. Es wird gemeinsam entschieden, den Patienten an einen Facharzt für Orthopädie zur Besprechung der Therapieoptionen zu überweisen. Der Hausarzt verfasst einen Überweisungsbericht, welcher den bisherigen Krankheitsverlauf und die Untersuchungsergebnisse umreisst und übermittelt diesen, zusammen mit den Röntgenbildern an die Praxis des Orthopäden.

Nachdem er sich über den radiologischen Befund anhand der übermittelten Röntgenbilder bereits vorgängig orientiert hat, empfiehlt der Orthopäde dem Patienten die operative Sanierung des rechten Hüftgelenkes mittels Implantation einer Hüftgelenks-Endoprothese. Der Patient erklärt sich mit dem Vorschlag einverstanden.

Der Orthopäde informiert den Hausarzt über den Entscheid und bittet ihn, die Spitäleinweisung zu organisieren und die präoperativen Laboruntersuchungen in der Hausarztpraxis durchzuführen.

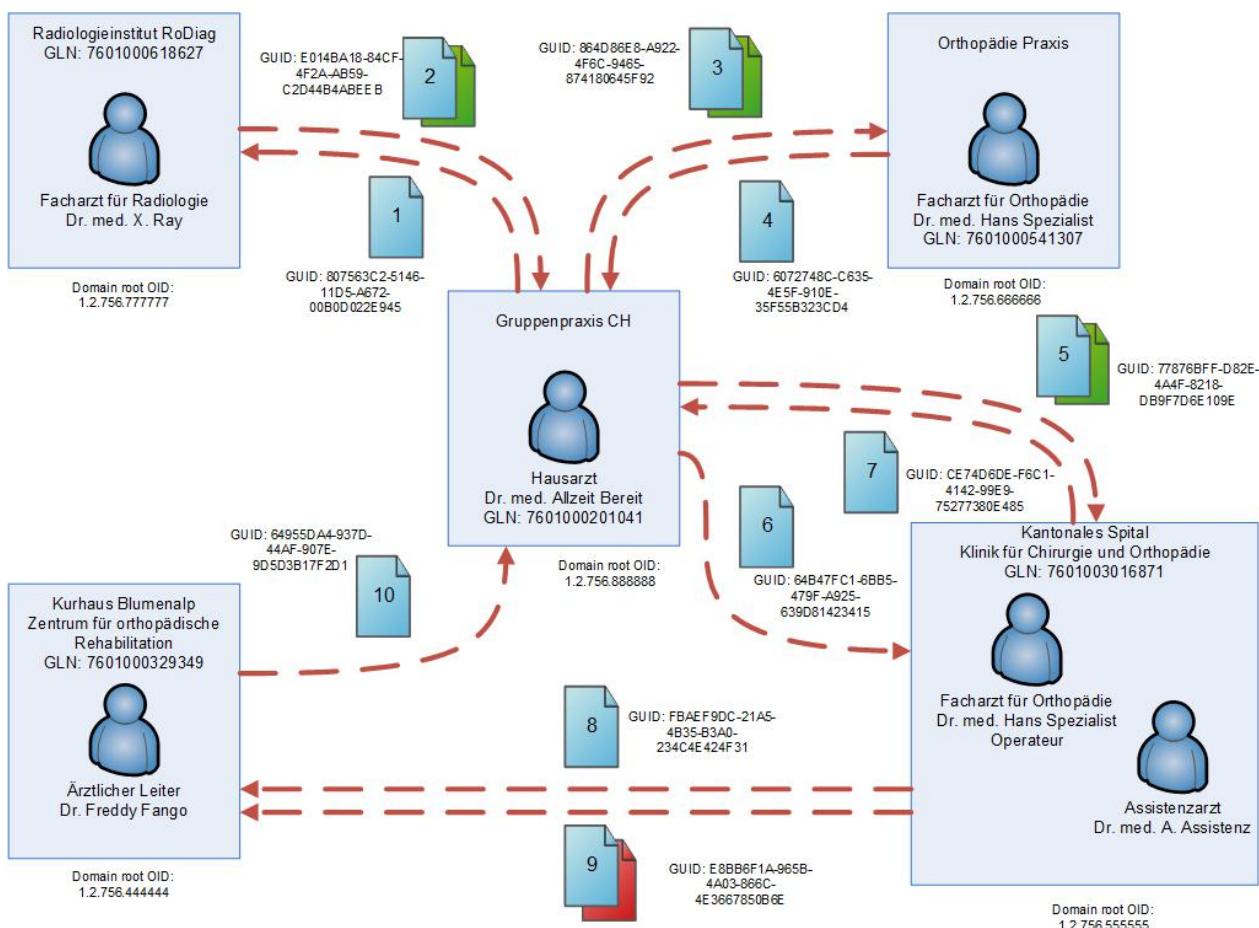
Kurz vor dem Spitäleintritt hat der Patient einen Termin bei seinem Hausarzt, um die vor der Operation notwendigen Laborwerte bestimmen zu lassen. Die Laborwerte werden vom Hausarzt der Klinik übermittelt, wo sie ins elektronische Patientendossier aufgenommen werden.

Während der Operation stehen dem Orthopäden die Röntgenbilder der Hüfte zur Verfügung. Die Lage der Endoprothese wird intraoperativ mittels C-Bogen kontrolliert. Postoperativ werden in der Klinik erneut Kontroll-Röntgenbilder der Hüfte erstellt. Der Orthopäde dokumentiert den Operationsverlauf und gibt Instruktionen für die weitere Nachbehandlung in einem Operationsbericht. Dem Hausarzt wird eine Kopie dieses Operationsberichtes zugestellt.

Der Patient kann nach einer Woche Spitälaufenthalt in eine stationäre Rehabilitation entlassen werden. Die Ärztliche Leitung des Rehabilitationshauses wird über den Krankheits- und OP-Verlauf durch einen zusammenfassenden Entlassbrief informiert. Dem Bericht werden eine Zusammenfassung der Laborresultate, eine Kopie der Röntgenbilder und eine Kopie des Operationsberichts beigelegt. Der Hausarzt erhält ebenfalls eine Kopie des Austrittsberichtes.

Nach abgeschlossener Rehabilitation des Patienten erstellt die Rehabilitationsklinik ihrerseits einen orientierenden Bericht zuhanden des Hausarztes mit Kopie an den Orthopäden. Die Behandlung wird mit einer Abschlusskonsultation beim Hausarzt schliesslich beendet.

### **Dokumenten-Workflow Fallbeispiel Hüftgelenkersatz**



[Abbildung 2] Dokumenten-Workflow Fallbeispiel Hüftgelenkersatz

### 5.2.1 UC 1-1: Zuweisung zur Radiologischen Diagnostik

Ein Patient wird dabei durch seinen Arzt zur radiologischen Untersuchung angemeldet. Es wird um Rückmeldung eines möglichen Termins ersucht. Der resultierende Radiologiebefund wird Bezug nehmen auf dieses Zuweisungsschreiben. Es handelt sich im obigen Fallbeispiel um den Auftrag zur radiologischen Untersuchung vom Hausarzt an das Radiologieinstitut.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.1 Zuweisung zur Radiologischen Diagnostik"
- Elektronisch: [1-Zuweisung zur Radiologischen Diagnostik.xml](#)

### 5.2.2 UC 1-2: Rückmeldung Radiologiebefund

Dieses Dokument beinhaltet die Rückmeldung der vorgängig beauftragten Radiologieuntersuchung und nimmt Bezug auf das Zuweisungsschreiben. Es handelt sich im obigen Fallbeispiel um die Rückübermittlung der resultierenden Bilder und des Befundes vom Radiologen an den Hausarzt.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.2 Rückmeldung Radiologiebefund"

- Elektronisch: [2-Rückmeldung Radiologiebefund.xml](#)

### **5.2.3 UC 1-3: Überweisung zur konsiliarischen Beurteilung durch den Facharzt**

Ein Patient wird durch seinen Hausarzt zur konsiliarischen Beurteilung an einen Facharzt überweisen. Es handelt sich im obigen Fallbeispiel um das Überweisungsschreiben vom Hausarzt an den Orthopäden, zusammen mit den Röntgenbildern und einer Zusammenfassung der Vorgeschichte und der erhobenen Befunde.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.3 Überweisung zur konsiliarischen Beurteilung durch den Facharzt"
- Elektronisch: [3-Überweisung zur konsiliarischen Beurteilung durch den Facharzt.xml](#)

### **5.2.4 UC 1-4: Konsiliarbericht**

Konsiliarischer Untersuchungsbericht des Facharztes an den Hausarzt. Dieses Dokument beinhaltet die Rückmeldung der vorgängig beauftragten Radiologieuntersuchung und nimmt Bezug auf das Zuweisungsschreiben. Es handelt sich im obigen Fallbeispiel um den ärztlichen Bericht des Orthopäden an den Hausarzt mit der fachärztlichen Beurteilung und einer Beschreibung des weiteren Vorgehens (OP).

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.4 Konsiliarbericht"
- Elektronisch: [4-Konsiliarbericht.xml](#)

### **5.2.5 UC 1-5: Reguläre Spitäleinweisung**

Einweisung eines Patienten durch den Hausarzt zur stationären Behandlung in einer Klinik. Es handelt sich im obigen Fallbeispiel um die Bitte des Hausarztes an das Spital, den Patienten zur Operation aufzubieten.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.5 Reguläre Spitäleinweisung"
- Elektronisch: [5-Reguläre Spitäleinweisung.xml](#)

### **5.2.6 UC 1-6: Präoperative Untersuchungsresultate**

Übermittlung der, vor der Hospitalisation in der Hausarztpraxis erhobenen Befunde ans Spital. Es handelt sich im obigen Fallbeispiel um die aktuellen Befunde aus der körperlichen Untersuchung und Übermittlung von Laboranalyse-Resultaten vom Hausarzt ans Spital.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.6 Präoperative Untersuchungsresultate"
- Elektronisch: [6-Präoperative Untersuchungsresultate.xml](#)

### 5.2.7 UC 1-7: Operationsbericht

In Form eines Operationsberichtes dokumentiert der Operateur durchgeführte Eingriffe. Es ist die Dokumentation der durchgeführten Operation für die Spitalakte. Kopien dieses Dokuments werden üblicherweise an die direkt an der Behandlung beteiligten Stellen geschickt: an den zuweisenden Arzt und gegebenenfalls an weitere behandelnde Stellen. Es handelt sich im obigen Fallbeispiel um den Operationsbericht des Orthopäden an den Hausarzt.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.7 Operationsbericht"
- Elektronisch: [7-Operationsbericht.xml](#)

### 5.2.8 UC 1-8: Kurzbericht bei Spitalentlassung

Kurzbericht, kann dem Patienten bei Austritt direkt mitgegeben werden und dient zur Groborientierung des nachbehandelnden Arztes. Es handelt sich im obigen Fallbeispiel um eine Grobinformation des Spitals an den nachbehandelnden Arzt im Rehabilitationszentrum.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.8 Kurzbericht bei Spitalentlassung"
- Elektronisch: [8-Kurzbericht bei Spitalentlassung.xml](#)

### 5.2.9 UC 1-9: Spital-Austrittsbericht

Zusammenfassung der Patientenakte bezogen auf die aktuelle Behandlung. Dieses Dokument soll eine Übersicht über die behandlungsrelevanten Fakten ermöglichen. Eine Kopie des Dokumentes geht üblicherweise an den zuweisenden Arzt und gegebenenfalls an weitere behandelnde Stellen. Es handelt sich im obigen Fallbeispiel um das Überweisungsschreiben an die Rehabilitationsklinik (inklusive postoperative Röntgenbilder mit der Total-Endoprothese und Zusammenfassung der Laborresultate) mit Kopie an den Hausarzt.

Umsetzungsbeispiele:

- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.9 Spital-Austrittsbericht"
- Elektronisch: [9-Spital-Austrittsbericht.xml](#)

### 5.2.10 UC 1-10: Austrittsbericht Reha-Klinik

Bericht über den Rehabilitationsverlauf, mit Kopie an gewisse in die Behandlung involvierte Stellen. Es handelt sich im obigen Fallbeispiel um den Entlassbrief der Rehabilitationsklinik an den Hausarzt mit Kopie an den Orthopäden.

Umsetzungsbeispiele:

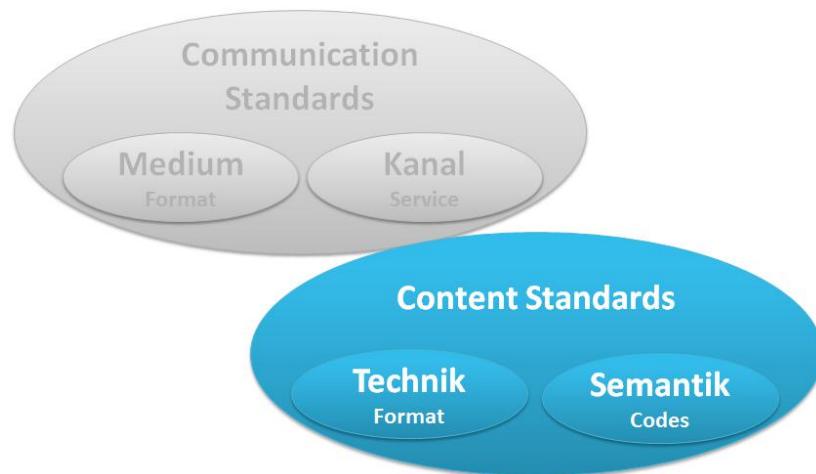
- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Siehe dort Kapitel "12.7.10 Austrittsbericht Reha-Klinik"
- Elektronisch: [10-Austrittsbericht Reha-Klinik.xml](#)

## 6 Empfehlungen

Dieses Kapitel enthält Empfehlungen, welche im Sinne einer Harmonisierung hilfreich sind. Die nachfolgend genannten Empfehlungen können auch als "Best practices" betrachtet werden. Die nachfolgend genannten Empfehlungen sind nicht normativ und deren Umsetzung somit freiwillig.

### 6.1 Transportmechanismus

Die vorstehend beschriebenen Anwendungsfälle erfordern eine Kommunikation zwischen den Applikationen bei Sender und Empfänger. Bei der Implementierung ist zwischen medizinischem bzw. fachlichem Inhalt (Content) und eigentlichem Transport dieser Inhalte (Communication) zu unterscheiden.



[Abbildung 3] *Communication vs. Content*

Das vorliegende Dokument spezifiziert den Inhalt (Content). Die Spezifikation des Transportweges ist nicht Teil dieses Dokumentes.

#### 6.1.1 Empfehlung zum Transportmechanismus

Der Inhalt (Content), der mit vorliegendem Dokument spezifiziert wird, soll mit sogenannten Metadaten (Angaben zum Typ, Inhalt, Autor, Empfänger, Patient, etc.) angereichert werden und als Paket (Dokument plus Metadaten) über einen sicheren Kanal übertragen werden. Dazu eignen sich folgende Transaktionen aus dem [IHE IT Infrastructure Technical Framework](#):

- Cross-Enterprise Document Media Interchange (XDM)
  - Distribute Document Set on Media [ITI-32]
- Cross-Enterprise Document Reliable Interchange (XDR)
  - Provide and Register Document Set-b [ITI-41]
- Cross-Enterprise Document Sharing (XDS.b)
  - Provide and Register Document Set-b [ITI-41]
  - Registry Stored Query [ITI-18]
  - Retrieve Document Set [ITI-43]

Diese Transaktionen sind auch Rahmen des elektronischen Patientendossiers (EPD) anwendbar.

## 6.2 Umgang mit Metadaten

Wie bei den Empfehlungen zum Transportmechanismus genannt und auch im Zusammenhang mit dem elektronischen Patientendossier ist ein harmonisierter Umgang mit Metadaten zu den Dokumenten, welche mit CDA-CH V2 erstellt werden, sehr empfehlenswert.

In den Header Informationen eines HL7 CDA Dokuments befinden sich zahlreiche Informationen, die auch in den Metadaten einer IHE XDS.b Registry genannt werden. Unabhängig davon, ob es sich um eine IHE XDS.b Umgebung im Rahmen des EPDG handelt oder ob es sich um eine andere Affinity Domain (auch Gemeinschaft oder Community genannt) handelt, können bestimmte XDS.b Metadaten aus den CDA Header Informationen extrahiert werden. Dabei gilt zu beachten, dass mit dem IHE Profil 'XDS Metadata Update' die Metadaten in einer XDS.b Registry verändert werden können. Die Metadaten im CDA Dokument bleiben dabei aber unverändert.

eHealth Suisse hat hier konkrete Umsetzungshinweise zum Mapping Metadaten und dem Einsatz von Value Sets dokumentiert: [Metadaten gemäss EPDV](#).

## 6.3 Umgang mit Original Darstellung und PDF Dokumenten

Die Digitalisierung ist ein grosser Fortschritt, der gerade auch bei betriebsübergreifenden Prozessen zahlreiche Verbesserungen mit sich bringen kann.

So ist z.B. aus Sicht eines Spitals die Liste der aktuellen Medikamente, die ein Patient beim Austritt einnimmt, in der Regel ein Kapitel am Ende des Spitalaustrittsberichts. Gerade diese Liste ist aber für die nachbehandelnde Stelle besonders wichtig. Es macht also durchaus Sinn, für die Darstellung des Spitalaustrittsberichts im Spital und bei der nachbehandelnden Stelle (z.B. Hausarzt, Spitex oder Rehabilitations-Klinik) verschiedene Stylesheets auf das gleiche CDA Dokument anzuwenden. Damit kann bei der nachbehandelnden Stelle das Kapitel mit den Medikamenten bei Austritt aus dem Spital zuoberst dargestellt werden. Das erlaubt es den nachbehandelnden Gesundheitsfachpersonen wichtige Informationen zuerst zu finden.

Ein anderes Beispiel findet man bei Laborbefunden: Für die Laboratorien ist es wichtig, dass der Empfänger die Originaldarstellung eines Laborbefundes erhalten kann, weil die elektronisch strukturierten Befunde (oft auch in Form von HL7 V2 Nachrichten ausgetauscht) nicht in allen Empfänger-Systemen korrekt wiedergegeben werden. Die Laboratorien können aber für falsche Darstellungen keine Verantwortung tragen und dies gilt nicht nur für HL7 V2 Nachrichten, sondern auch für Laborbefunde basierend auf HL7 CDA (z.B. mit dem Austauschformat eLaborbefund – CDA-CH-LREP).

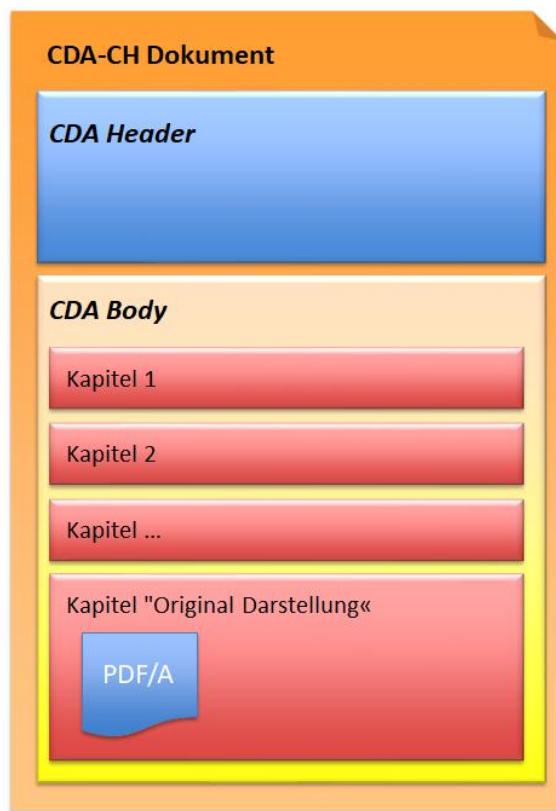
Die Verantwortung für die korrekte Anwendung von Gesundheitsinformationen in einem CDA Dokument kann also nicht alleine vom Absender (Autor/Unterzeichner) wahrgenommen werden, sondern der Empfänger muss ebenfalls seine Verantwortung wahrnehmen. Der rechtsgültige Unterzeichner eines CDA Dokuments kann keinesfalls dafür haften, wenn beim Empfänger infolge der Anwendung eines anderen Stylesheets bestimmte Informationen anders, falsch oder gar nicht dargestellt werden.

Es geht aber nicht darum, aus diesem Grund auf die Anwendung von CDA Dokumenten zu verzichten, sondern es geht darum, die daraus entstehenden Vorteile (wie oben anhand des Beispiels der Medikamentenliste beschrieben) zu nutzen, ohne aber neue Probleme im Bereich der Verantwortung oder Haftung zu schaffen.

Aus diesen Gründen sind nachfolgende Empfehlungen hervorgegangen.

### 6.3.1 Empfehlung zum Umgang mit der Original Darstellung

- In einem CDA Dokument soll, wenn es der Autor des Dokuments als wichtig erachtet oder wenn es in einem bestimmten Anwendungsfall notwendig ist, die Originaldarstellung so mitgegeben werden wie sie der rechtsgültige Unterzeichner zum Zeitpunkt seiner Signatur gesehen hat. Ob also die Original Darstellung in ein CDA Dokument integriert wird, ist somit auf der Ebene von CDA-CH V2 freiwillig. Eine Präzisierung dazu kann in den Austauschformaten festgehalten werden, welche von CDA-CH V2 ableiten.
- Wenn die Originaldarstellung mitgegeben wird, dann soll sie in Form eines PDF Dokuments in HL7 CDA Dokumente integriert werden (siehe [CDA Beispieldokument mit eingebetteter Original Darstellung im PDF/A Format](#)).

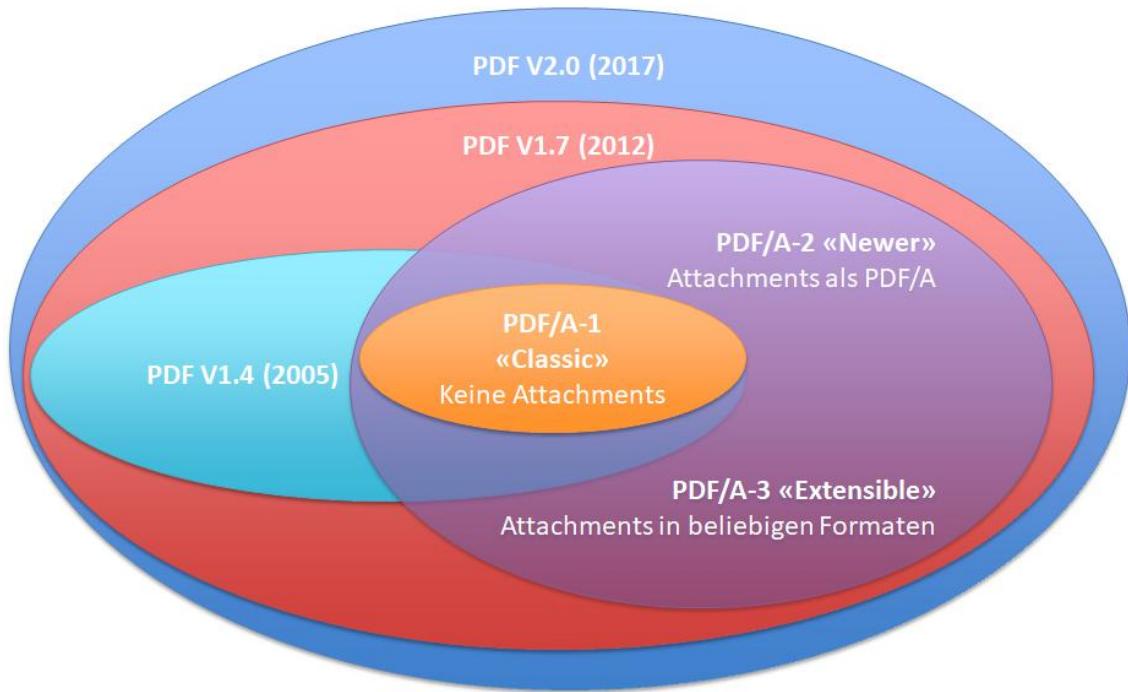


[Abbildung 4] *Original Darstellung mittels eingebettetem PDF/A im CDA Body*

### 6.3.2 Empfehlung zum Umgang mit PDF Dokumenten

- Wenn PDF Dokumente in einem CDA Dokument eingebettet oder referenziert werden, dann sollen diese in Form von PDF/A in CDA integriert werden. Dies gilt sowohl für die Original Darstellung, wie auch für allfällige Beilagen oder referenzierte Dokumente.

- Dabei soll die Ausprägung PDF/A-1 verwendet werden, denn PDF/A-1 basiert auf PDF V1.4 und ist somit auch mit älteren Systemen erzeug- und nutzbar.
- Dabei soll der Konformitätsgrad PDF/A-1a eingehalten werden, denn jedes Dokument, welches dem strengeren Standard PDF/A-1a genügt, genügt auch dem weniger strengen Standard PDF/A-1b.
- PDF Dokumente in den Ausprägungen PDF/A-2 oder PDF/A-3 sollen im Zusammenhang mit CDA-CH nicht verwendet werden. Stattdessen sollen die mit PDF/A-2 oder PDF/A-3 spezifizierten Attachments als eigenständige Attachments in CDA eingebettet oder referenziert werden.



[Abbildung 5] *PDF/A Ausprägungen*

### 6.3.3 Hinweise und Begründungen zu den obenstehenden Empfehlungen

- Die Einbettung von Multimedia Objekten (also auch PDF Dokumente) in ein HL7 CDA Dokument erfolgt [Base64](#) codiert, damit auch binäre Datenströme in XML eingebettet werden können.
- Es würde auch die Varianten geben, CDA- und PDF-Dokumente separat als eigenständige Dokumente zu übertragen und miteinander zu verlinken oder das CDA Dokument als XML Element in das PDF Dokument zu integrieren. Auf diese Varianten wird aber nicht eingegangen.  
Gründe für den Variantenentscheid, CDA in PDF zu integrieren:
  - Aus Sicht der Softwarehersteller ist es wichtig, dass für die Umsetzung der Original Darstellung nur eine von mehreren Varianten implementiert werden muss (Vermeidung von n\*m Schnittstellen).
  - HL7 CDA Dokumente sind XML Dokumente. XML kann in den gängigen Datenbanksystemen als eigenständiger Datentypen abgelegt und zu einem späteren Zeitpunkt mittels Datenbankabfragen wieder strukturiert ausgewertet werden.
- PDF/A ist unabdingbar:
  - Ein herkömmliches PDF ist nicht geeignet für eine Langzeitarchivierung, weil wichtige Informationen (wie z.B. die Schriftart) nicht zwingend im Dokument eingebettet sein müssen, die aber für die identische Darstellung auf einem anderen Computer essentiell sind.

- Sowohl das Merkblatt [Archivaugliche Dateiformate](#) des Bundesarchivs, sowie auch der [Anhang 2 der Verordnung des EDI über das elektronische Patientendossier \(Zertifizierungsvoraussetzungen Gemeinschaften und Stammgemeinschaften\)](#) verlangen deshalb PDF/A.
- Die PDF Ausprägungen (A-1, A-2, A-3) sind nicht voneinander ableitbar und auch nicht ineinander subsummierbar. Bei vielen der gängigen PDF Validatoren muss deshalb der PDF Konformitätsgrad vor der Validierung definiert werden. Sollten also mehrere PDF Ausprägungen zugelassen werden, müsste die Validierung pro eingebettetes PDF Dokument mehrmals aufgerufen werden.
- Die obenstehende Empfehlung nach dem Konformitätsgrad PDF/A-1a erfüllt einerseits die Anforderungen des Bundesarchivs und des EPDG und es sind andererseits genügend Softwarekomponenten für die Generierung von PDF Dokumenten auf dem Markt, welche diesen Standard erfüllen.

## **6.4 Umgang mit Identifikatoren**

Bei den nachfolgenden Empfehlungen zu Identifikatoren wird Rücksicht genommen auf die rechtlichen Vorgaben in der Schweiz und es gilt zu berücksichtigen, dass CDA-CH V2 sowohl im Rahmen verschiedener Gesetze (z.B. EPDG<sup>[Anmerkung 2]</sup>, EpG<sup>[Anmerkung 3]</sup>, IVG<sup>[Anmerkung 4]</sup>, AHVG<sup>[Anmerkung 5]</sup>, KVG<sup>[Anmerkung 6]</sup>, etc.), wie auch im bilateralen Austausch zwischen Behandelnden oder Gesundheitseinrichtungen eingesetzt wird. Die nachfolgenden Empfehlungen zu Identifikatoren erfüllen diese übergeordneten Vorgaben. Weitere Vorgaben werden in CDA-CH V2 nicht formuliert. Solche können gegebenenfalls in den Austauschformaten festgehalten werden, welche von CDA-CH V2 ableiten.

### **6.4.1 Empfehlung zum Umgang mit Identifikatoren für Patienten**

Folgende Identifikatoren für Patienten sollen in CDA-CH V2 Dokumenten verwendet werden:

- Alle lokalen Identifikatoren der Primärsysteme
- Eindeutige Patientenidentifikation im Master-Patient Index einer Gemeinschaft (MPI-PID)

Folgende Identifikatoren für Patienten sollen in CDA-CH V2 Dokumenten nur nach Prüfung der gesetzlichen Grundlage verwendet werden:

- AHV Nummer (Sozialversicherungsnummer)  
Darf bei der Einstellung des Dokuments ins EPD nicht vorhanden sein. Ausserhalb des EPD legen Artikel 50d und 50e AHVG den allgemeinen Rahmen der gesetzlichen Grundlagen für die systematische Verwendung der AHV Nummer fest. Diese hängen von der Art der Organisation sowie ihren Tätigkeiten ab. So dürfen Leistungserbringer nach KVG in bestimmten Fällen die AHV Nummer nutzen. Es obliegt allein der Organisation, die massgebliche gesetzliche Grundlage zu benennen.
- Patientenidentifikationsnummer (EPR-SPID)  
Diese wird im Rahmen des EPDG bei Eröffnung eines Patientendossiers einem Patienten von der ZAS<sup>[Anmerkung 7]</sup> herausgegeben und darf gemäss EPDG, Art. 6 nur verwendet werden, wenn eine formelle gesetzliche Grundlage dies vorsieht sowie der Verwendungszweck und die Nutzungsberechtigten bestimmt sind.

### **6.4.2 Empfehlung zum Umgang mit Identifikatoren für Behandelnde und Gesundheitseinrichtungen**

Folgende Identifikatoren für Behandelnde und Gesundheitseinrichtungen sollen in CDA-CH V2 Dokumenten verwendet werden:

- Alle lokalen Identifikatoren der Primärsysteme
- Eindeutige Identifikation von Behandelnden und Gesundheitseinrichtungen, sowie Gruppen von Behandelnden im Healthcare Provider Directory einer Gemeinschaft (HPD-ID):
  - Für Behandelnde und Gesundheitseinrichtungen ist insbesondere die GLN erlaubt und empfohlen.  
Hinweis: Ab 15.4.2020 wird die GLN im Rahmen des EPDG für alle Behandelnden zwingend.
  - Für Gruppen von Behandelnden ist insbesondere die OID, wie sie gemäss Ergänzung 1 zu Anhang 5 der EPDV-EDI (Nationale Anpassungen) eingetragen wird, erlaubt und empfohlen.

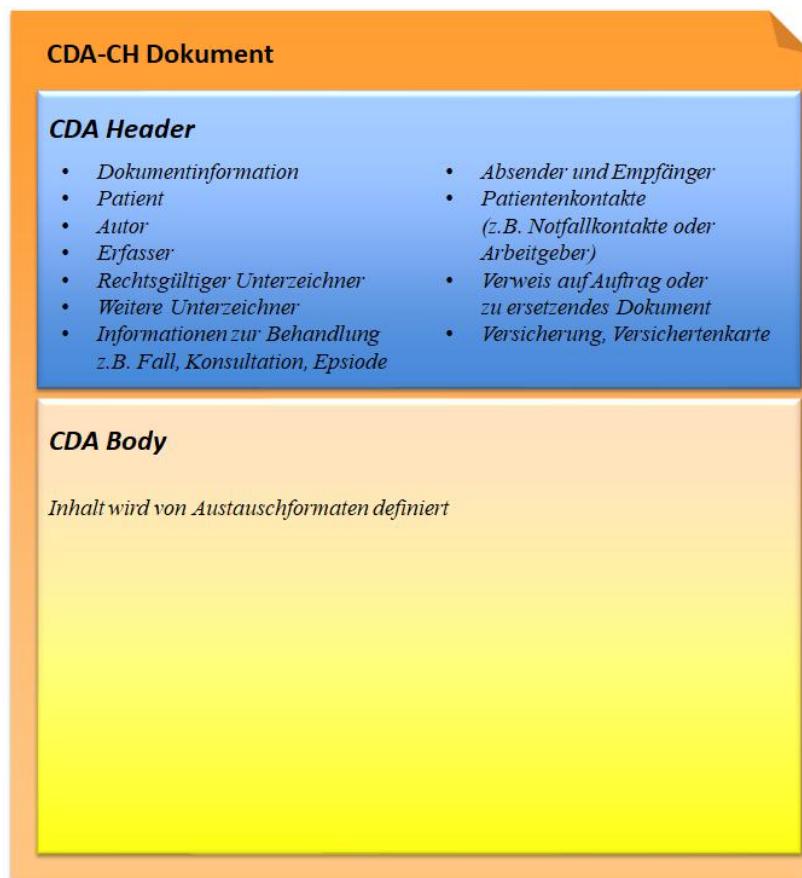
Folgende Identifikatoren für Behandelnde und Gesundheitseinrichtungen sollen in CDA-CH V2 Dokumenten nicht verwendet werden:

- AHV Nummer (Sozialversicherungsnummer)
- Patientenidentifikationsnummer (EPR-SPID)

## 7 Spezifikation (normativ)

### 7.1 Vereinfachte Zusammenfassung der CDA Struktur

Die genaue Struktur des CDA Dokuments ist in den nachfolgenden Kapiteln im Detail beschrieben. Dem eiligen Leser bieten wir hier eine stark vereinfachte Zusammenfassung der Elemente in der vorliegenden Spezifikation.



[Abbildung 6] Inhalt CDA Dokument

Die Auflistungen und Abbildungen in diesem Kapitel (inkl. Unterkapitel) enthalten vereinfachte Darstellungen des Dokumenteninhalts und zeigen den Inhalt des CDA Dokuments symbolhaft auf.

#### 7.1.1 CDA Header

- Dokumentinformation (Dokumenten-Id, Code, Titel, Erstellungszeitpunkt, Vertraulichkeitsstufe, Sprache, Version)
- Angaben zum Patient (Patientenidentifikation, Name, Adresse, Geburtsdatum, Geburtsort, Geschlecht, Zivilstand, Religion, Sprachfähigkeiten) resp. zu nicht-menschlichen Proben
- Mitwirkende am Dokument: Autoren, Erfasser
- Rechtsgültiger Unterzeichner, weitere Unterzeichner wie z.B. klinische Validatoren
- Absender (Verwalter)
- Empfänger inkl. allfälliger Kopie-Empfänger
- Patienten-Kontakte (z.B. Notfallkontakt, Arbeitgeber, Versicherung und Versichertenkarte)

- Verweis auf den Auftrag oder ein allfällig zu ersetzendes Dokument



[Abbildung 7] *Administrative Daten im CDA Header*

### 7.1.2 CDA Body

Der CDA Body wird von dieser Spezifikation nicht normiert. Die medizinischen Inhalte im CDA Body werden von den entsprechenden Austauschformaten spezifiziert.

## 7.2 Allgemeines

Ein Dokument, welches anhand dieser Spezifikation erstellt wird, ist ein HL7 CDA Dokument und damit ein definiertes und komplettes Informationsobjekt, das Texte, Bilder und andere multimediale Objekte enthalten kann. CDA Dokumente dokumentieren den Gesundheitszustand eines Patienten zu einem bestimmten Zeitpunkt. Sie enthalten administrative (Header) und medizinische (Body) Daten und sind mittels eXtensible Markup Language (XML) kodiert.

Die normative Spezifikation definiert das Dokument „CDA-CH V2.1 2020 (specification)“ als HL7 CDA Vorlage, welche helvetische Präzisierungen für den CDA Header festlegt. Damit produzierte Dokumente sind vollständig kompatibel zum internationalen HL7 CDA R2 Standard (Normative Edition 2005) und somit international interoperabel.

Die normative Spezifikation bezweckt, dass Systeme für das Handling von Informationen im CDA Header durch die Softwarehersteller unabhängig von Sender und Empfänger implementiert werden können.

Die vorliegende Spezifikation wurde in ART-DECOR modelliert und daraus können auch Schematron-Regeln generiert werden, welche eine automatisierte und harmonisierte Validierung der CDA-Dokumente erlauben.

### 7.2.1 Schlüsselwörter

Die normative Spezifikation verwendet folgende, jeweils in Grossbuchstaben geschriebene Schlüsselwörter zu Angabe von Verbindlichkeiten. Siehe auch [ELGA Allgemein], Kap. 4.1 resp. RFC 2119.

**MUSS** (engl. MUST) bedeutet eine verpflichtend einzuhaltende Vorschrift. Entspricht der Optionalität [R] und [M].

**NICHT ERLAUBT** (engl. NOT PERMITTED) formuliert ein verpflichtend einzuhaltendes Verbot. Entspricht der Optionalität [NP].

**SOLL** oder **EMPFOHLEN** (engl. SHOULD) steht für eine pragmatische Empfehlung. Es ist gewünscht und empfohlen, dass die Anforderung umgesetzt wird, es kann aber Gründe geben, warum dies unterbleibt. Entspricht der Optionalität Required [R]. Wenn kein Wert angegeben werden kann, MUSS nullFlavor angegeben werden.

**KANN** oder **OPTIONAL** (engl. MAY, OPTIONAL). Die Umsetzung der Anforderung ist optional, sie kann auch ohne zwingenden Grund unterbleiben. Entspricht dem Optionalität [O].

### 7.2.2 Optionalität

Nachfolgende Tabelle legt die Verwendung von zwingenden, empfohlenen und optionalen Elementen und den dazu gehörenden Kardinalitäten inkl. Verwendung von nullFlavor normativ fest. Die nachfolgende Definition wurde aus [IHE Technical Frameworks General Introduction, Appendix E: Standards Profiling and Documentation Conventions, Revision 1.0, July 1, 2014](#), "Table E.4.2.2.1-1: Data Element Optionality Constraints" übernommen und mit dem Element [NP] ergänzt.

Optionalitäten	Mögliche Kardinalitäten	Verwendung von nullFlavor	Beschreibung
[M]	1..1 1..*	NICHT ERLAUBT	Das Element MUSS mit einem korrekten "echten" Wert angegeben werden. nullFlavor oder "Dummy"-Werte sind NICHT ERLAUBT.
[NP]	0..0	NICHT ER-	Element ist NICHT ERLAUBT.

		LAUBT	
[R]	1..1 1..*	KANN verwendet werden	Das Element MUSS in der Instanz vorhanden sein. Wenn nicht bekannt, ist die Verwendung von nullFlavor vorgeschrieben, "Dummy"-Werte sind NICHT ERLAUBT.
[O]	0..1 0..*	KANN verwendet werden	Das Element ist OPTIONAL. Sender können das Element angeben. Leere optionale Elemente sind nicht zugelassen, sofern kein nullFlavor angewandt wird.
[C]	[N/A]	[N/A]	KONDITIONALES Optionalität. Die Optionalität des Elements variiert in Abhängigkeit von anderen Elementen, Situationen oder Zuständen. Die konkreten Abhängigkeiten sind jeweils angegeben.

[Tabelle 2] Notationen in diesem Dokument

### 7.2.3 nullFlavor

Wenn ein Wert nicht bekannt ist, kann dort wo es gemäss obenstehender Tabelle erlaubt ist, mit den nullFlavor-Codes in HL7 NullFlavor der Grund für die fehlende Angabe präzisiert werden. Wird ein nullFlavor eingesetzt, DÜRFEN mit Ausnahme von xsi:type KEINE weiteren Attribute angegeben werden.

### 7.2.4 Hierarchie der Spezifikationen

Diese Spezifikation basiert in nachstehender Rangfolge auf folgenden Grundlagen:

1. [HL7 Version 3](#)
2. [HL7 Clinical Document Architecture, Release 2.0](#)
3. eCH Standards
  1. [Postadresse eCH-0010, Version 7.0](#)
  2. [Datenstandard Personendaten eCH-0011, Version 8.1](#)
4. [Gesetzgebung Elektronisches Patientendossier \(EPDG\)](#)
  1. Anhang 3 der Verordnung des EDI über das elektronische Patientendossier (Metadaten), Ausgabe 2: 24. Juni 2019 (berichtigt am 26.11.2019)
  2. Anhang 4 der Verordnung des EDI über das elektronische Patientendossier (Austauschformate), Anhörungsversion

### 7.2.5 Akteure und Transaktionen

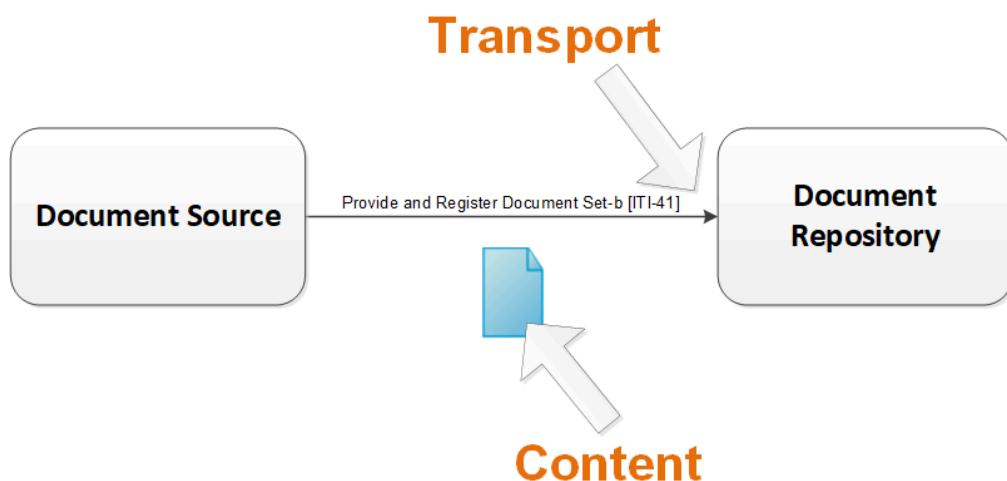
Nachfolgende Grafik zeigt die mit der vorliegenden Spezifikation kombinierbaren IHE Akteure und Transaktionen. Die Grafik zeigt auf, dass die involvierten Akteure ein Dokument auf Basis von CDA-CH erstellen, austauschen und verarbeiten.



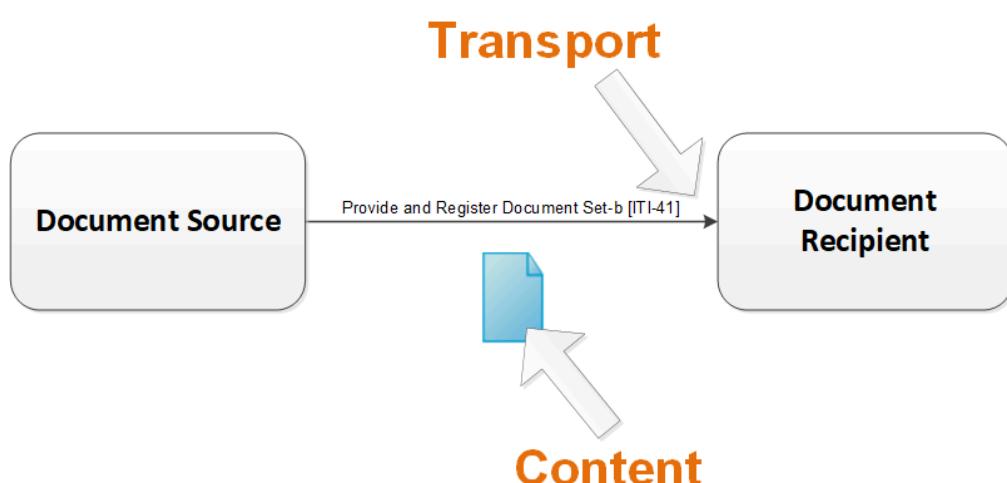
[Abbildung 8] „Share content“ Akteure gemäss IHE

IHE nennt in verschiedenen Inhaltsprofilen die Umsetzung mit den IHE Integrationsprofilen XDS.b, XDR, XDM.

Die IHE Integrationsprofile XDS und XDR realisieren die Interaktion „Share content“ mit der IHE Transaktion „Provide and Register Document Set-b [ITI-41]“, nennen aber die Akteure unterschiedlich:

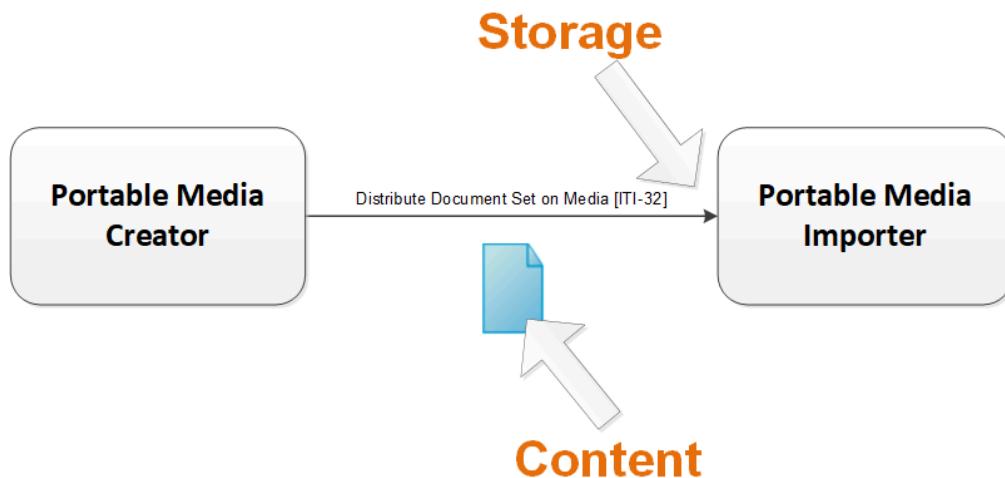


[Abbildung 9] „Share content“ Akteure und Transaktionen (konkret für XDS)



[Abbildung 10] „Share content“ Akteure und Transaktionen (konkret für XDR)

Das IHE Integrationsprofil XDM realisiert die Interaktion „Share content“ mit der IHE Transaktion „Distribute Document Set on Media [ITI-32]“:



[Abbildung 11] „Share content“ Akteure und Transaktionen (konkret für XDM)

Bei allen oben genannten Transaktionen für XDS, XDR und XDM ist der Inhalt des übertragenen Dokuments (Content) identisch und gemäss Kapitel Spezifikation (normativ) aufgebaut. Für eine genaue Beschreibung der Akteure, Transaktionen und Inhalte verweisen wir auf die IHE Dokumentation [IHE ITI TF-2b]<sup>[1]</sup>, Kapitel „3.32 Distribute Document Set on Media“ resp. „3.41 Provide and Register Document Set-b“, da die eigentliche Übermittlung / Speicherung (Share Content) nicht Bestandteil der vorliegenden Spezifikation ist.

## 7.3 CDA Struktur

### 7.3.1 CDA Document Level Templates

#### 7.3.1.1 CDA-CH v2.1 - structuredBody

<b>Id</b>	2.16.756.5.30.1.1.10.1.9 <small>ref hl7chcda-</small>	<b>Effective Date</b>	2019-10-17 15:22:41 Other versions this id:
<b>Status</b>	<span>Draft</span>	<b>Version Label</b>	2020
<b>Name</b>	CDA-CHv2.0-structuredBody	<b>Display Name</b>	CDA-CH v2.1 - structuredBody
<b>Description</b>			
This document template is used as the primary base for CDA-CH exchange formats. All CDA-CH V2 derivatives, i.e. Swiss exchange formats SHALL use this template by specialisation. It only specifies the usage of CDA header templates. It requires a structured CDA body, but does not define any CDA body rules. For CDA body rules, see the derived exchange formats.			
<b>Context</b>	Pathname //		
<b>Classification</b>	CDA Document Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Uses</b>	Uses 6 templates		
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	2.16.756.5.30.1.1.10.2.25	Include	<span>Document Realm (2017)</span>
	2.16.756.5.30.1.1.10.2.18	Include	<span>Document Template Ids CDA-CH v2.0 - structuredBody (2020)</span>
	2.16.756.5.30.1.1.10.9.36	Include	<span>CDA-CH v2.0 Header Template Compilation (2017)</span>
	2.16.840.1.113883.10.12.201	Include	<span>CDA Section</span>
	2.16.756.5.30.1.1.10.3.2	Include	<span>Remarks Section - coded (2017)</span>
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.1.9 <i>CDA-CH v2.0 - structuredBody</i> (2018-04-18) <small>ref hl7chcda-</small>		
	Specialization: template 2.16.840.1.113883.10.12.2 <i>CDA ClinicalDocument (with StructuredBody)</i> (2005-09-07) <small>ref ad1bbr-</small>		

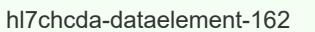
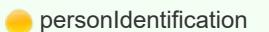
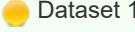
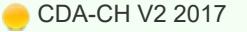
Example	<p><b>Example</b></p> <pre>&lt;!-- The following line is required in a CDA-CH document. It is commented here due to ART-DECOR validation issues, only --&gt; &lt;!-- &lt;?xml version="1.0" encoding="UTF-8"?&gt; --&gt; &lt;ClinicalDocument&gt;   &lt;!-- include template cdach_header_DocumentRealm[2.16.756.5.30.1.1.10.2.25] '?' (dynamic) 1..1 M --&gt;   &lt;typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/&gt;   &lt;!-- CDA-CH v2.0 ART-DECOR model - structuredBody. --&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.1.9"/&gt;   &lt;!-- include template cdach_header_DocumentTemplateIdsCdaChV2StructuredBody[2.16.756.5.30.1.1.10.2.18] '?' (dynamic) --&gt;   &lt;!-- include template cdach_other_HeaderTemplates[2.16.756.5.30.1.1.10.9.36] '?' (dynamic) --&gt;   &lt;component&gt;     &lt;structuredBody&gt;       &lt;component/&gt;     &lt;/structuredBody&gt;   &lt;/component&gt; &lt;/ClinicalDocument&gt;</pre>			
Item	DT	Card	Conf	Description
h17:ClinicalDocument	1 ... 1	M		<p>This document template is used as the primary base for CDA-CH exchange formats. It specifies usage of CDA header templates and optional two sections comment / orginial represenation. It requ a structured CDA body, but does not define any CDA body rules. For CDA body rules, see the deri exchange formats.</p> <p>Conformity rules that are not further modelled in ART-DECOR:</p> <ul style="list-style-type: none"> <li>▪ <b>XML encoding</b> UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: &lt;?xml version="1.0" encoding="UTF-8"?&gt;</li> <li>▪ <b>Phone numbers</b> Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks.</li> </ul>

					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"/>
<i>Included</i>		<b>1 ... 1</b>	<b>M</b>	from 2.16.756.5.30.1.1.10.2.25 <i>Document Realm</i> (DYNAMIC)	
└ h17:realmCode	<b>CS</b>	<b>1 ... 1</b>	<b>M</b>	Swiss Realm (CHE) of HL7 CDA.	
└ @code	CONF	<b>1 ... 1</b>	<b>F</b>	CHE	
└ h17:typeId	II	<b>1 ... 1</b>	<b>M</b>	HL7 CDA R2, 2005	
└ @root	uid	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.1.3	
└ @extension	st	<b>1 ... 1</b>	<b>F</b>	POCD_HD000040	
<i>Included</i>				from 2.16.756.5.30.1.1.10.2.18 <i>Document Template Ids CDA-CH v2.0 - structuredBody</i> (DYNAMIC)	
└ h17:templateId	II	<b>0 ... 1</b>		CDA-CH v2.0 specification. This is an informational reference, only.	
└ @root	uid	<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.1.1.1.4	
└ h17:templateId	II	<b>1 ... 1</b>	<b>M</b>	CDA-CH v2.0 structuredBody	
└ @root	uid	<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.1.10.1.9	
└ h17:templateId	II	<b>1 ... 1</b>	<b>M</b>	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	

└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.2
└ h17:templateId	II	1 ... 1	M	HL7 CDA R2 (2005).
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.1
Included				from 2.16.756.5.30.1.1.10.9.36 <i>CDA-CH v2.0 Header Template Compilation</i> (DYNAMIC)
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.23 <i>Document Id</i> (DYNAMIC)
└ h17:id	II	1 ... 1	M	A unique identifier for each CDA document instance.
	cdachemed-dataelement-24 hl7chcda-dataelement-217		Identification number of the document Identification number of the document	Dataset 1 CDA-CH V2 2017
└ @root	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).
└ @extension	st	0	NP	NP/not present
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 <i>Document Code</i> (DYNAMIC)
└ h17: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.
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.
└ @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 be specified by the CDA-CH V2 derivative.
└ h17:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.
	◎			

hl7chcda-dataelement-218				Document type	CDA-CH V2 2017
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
└ @codeSystem	oid	1 ... 1	R		
└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
	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)			
└ hl7:title	ST	1 ... 1	M	The expected titles (at least in English, German, French and Italian) MUST be specified by the CDA-CH V2 derivative.	
└ hl7:effectiveTime	TS.CH.TZ	1 ... 1	M	The document's creation date and time. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	
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.	
	cdachemed-dataelement-29	CONF	Confidentiality level	Dataset 1	
	hl7chcda-dataelement-222		Confidentiality level	CDA-CH V2 2017	
└ @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			
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.22 Document Language (DYNAMIC)	

<code>└ h17:languageCode</code>	<b>CS</b>	<b>1 ... 1</b>	<b>M</b>	The RFC5646 based language in which the narrative texts in this CDA document instance are written.
	 cdachemed-dataelement-26		 Language of the document	 Dataset 1
	<code>hl7chcda-dataelement-219</code>		 Language of the document	 CDA-CH V2 2017
<b>CONF</b> The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC) from 2.16.756.5.30.1.1.10.2.20 <i>Document Set Id and Version Number</i> (DYNAMIC)				
<i>Included</i>				
<code>└ h17:setId</code>	<b>II</b>	<b>1 ... 1</b>	<b>R</b>	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.
<code>└ @root</code>	uid	<b>1 ... 1</b>	<b>R</b>	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).
<code>└ @extension</code>	st	<b>0</b>	<b>NP</b>	NP/not present
		<b>role</b>	 error	
	Schematron assert	<b>test</b>		(parent::*/h17:versionNumber[@value='1'] and @root=parent::*/h17:id/@root and (@extension=parent::*/h17:id/@extension or (not(@extension) and not(parent::*/h17:id/@extension)))) or (parent::*/h17:versionNumber[not(@value = '1')] and ((@root=parent::*/h17:id/@root and @extension and not(@extension=parent::*/h17:id/@extension)) or(not(@root=parent::*/h17:id/@root))))
		<b>Message</b>		The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.
<code>└ h17:versionNumber</code>	<b>INT.NONNEG</b>	<b>1 ... 1</b>	<b>R</b>	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.
	 cdachemed-dataelement-30		 Version	 Dataset 1
	<code>hl7chcda-dataelement-223</code>		 Version	 CDA-CH V2 2017
<i>Included</i>				
		<b>1 ... 1</b>	<b>R</b>	from 2.16.756.5.30.1.1.10.2.1 <i>Patient - recordTarget</i> (DYNAMIC)
<code>└ h17:recordTarget</code>		<b>1 ... 1</b>	<b>R</b>	A human patient for whom this CDA document instance was created.
				<ul style="list-style-type: none"><li><b>Target patient</b> The HL7 CDA R2 (2005) standard allows multiple patients. In order to ensure that the information in a CDA document is unambiguously assigned to one and only patient, a CDA-CH V2 based document MUST contain exactly one patient. Special cases: In exceptional cases (e.g., new-born twins, both having jaundice), multiple do</li></ul>

				ments MUST be created (all of the same content, but each with a unique patient).
				<ul style="list-style-type: none"> <li>▪ <b>Patient identifiers</b> Multiple ids (patient identification number) MAY be declared. If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification. The patient identification number MUST be grouped with the OID of its assigning system. The patient identification number MUST be unique within the system identified by the OID. The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid.info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc. OIDs that can't be found in a public OID registry are NOT ALLOWED.</li> </ul>
				<ul style="list-style-type: none"> <li>▪ <b>Pseudonymizing</b> In special cases, the demographic data of the patient are not allowed to be transmitted or they have to be pseudonymized. While HL7 CDA or its derivatives like CDA-CH or Swiss exchange formats nevertheless require these elements in the XML structure, the affected values MUST be replaced by a nullFlavor of type "MSK" (masked), in order to support the required data format structure and simultaneously shield the real data.</li> </ul>
└ h17:templateId	II	1 ... 1	M	
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1
└ h17:patientRole		1 ... 1	R	
└ h17:id	II	1 ... *	R	The patient's id.
 cdachemed-dataelement-13  hl7chcda-dataelement-162		 Identification number  personIdentification		 Dataset 1  CDA-CH V2 2017

	hl7chcda-dataelement-228	Identification number	CDA-CH V2 2017
└ @root	uid                    1 ... 1      R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OI REQUIRED. Others are NOT ALLOWED.	
└ @extension	st                    0 ... 1	The id itself. It MUST be unique within the issuing system.	
└ hl7:addr	AD                    0 ... *	The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	
	cdachemed-dataelement-14	Address (es)	Dataset 1
	hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017
	hl7chcda-dataelement-229	Address (es)	CDA-CH V2 2017
└ hl7:telecom	TEL                    0 ... *	The patient's means of communication (phone, eMail, ...).	
└ hl7:patient	1 ... 1      R	Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)	
	cdachemed-dataelement-5	Patient/Patientin	Dataset 1
└ hl7:administrativeGenderCode	CE                    1 ... 1      R	The patient's gender	
	cdachemed-dataelement-12	Gender	Dataset 1
	hl7chcda-dataelement-227	Gender	CDA-CH V2 2017
	hl7chcda-dataelement-183	sex	CDA-CH V2 2017
└ @code	cs                    1 ... 1      R		
└ @codeSystem	oid                    1 ... 1      F	2.16.840.1.113883.5.1	
└ @codeSystemName	st                    1 ... 1      F	HL7 AdministrativeGender	
└ @displayName	st                    1 ... 1      R		

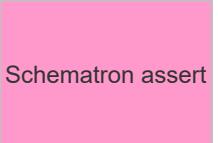
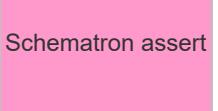
<code>└ hl7:birthTime</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	The patient's birthdate.
		 cdachemed-dataelement-11	 Date of birth	 Dataset 1
		hl7chcda-dataelement-181	 dateOfBirth	 CDA-CH V2 2017
		hl7chcda-dataelement-226	 Date of birth	 CDA-CH V2 2017
<code>└ hl7:maritalStatusCode</code>	<b>CE</b>	<b>0 ... 1</b>		The patient's marital status.
		 hl7chcda-dataelement-186	 maritalStatus	 CDA-CH V2 2017
<code>└ @code</code>	CS	<b>1 ... 1</b>	<b>R</b>	
<code>└ @codeSystem</code>	OID	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.1.11.12212
<code>└ @codeSystemName</code>	ST	<b>1 ... 1</b>	<b>F</b>	HL7 MaritalStatus
<code>└ @displayName</code>	ST	<b>1 ... 1</b>	<b>R</b>	
	<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC)		
<code>└ hl7:translation</code>		<b>0 ... *</b>		A translation of the code to another coding system
<code>└ @code</code>	CS	<b>1 ... 1</b>	<b>R</b>	
<code>└ @codeSystem</code>	OID	<b>1 ... 1</b>	<b>R</b>	
<code>└ @codeSystemName</code>	ST	<b>1 ... 1</b>	<b>R</b>	
<code>└ @displayName</code>	ST	<b>1 ... 1</b>	<b>R</b>	
<code>└ hl7:religiousAffiliationCode</code>	<b>CE</b>	<b>0 ... 1</b>		The patient's religion.

 hl7chcda-dataelement-184 religion CDA-CH V2 2017

 @nullFlavor	CS	0 ... 1	F	NAV
 @code	CS	0 ... 1		
 @codeSystem	OID	0 ... 1		
 @codeSystemName	ST	0 ... 1		
 @displayName	ST	0 ... 1		

## 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 text element MUST contain the reference to the corresponding text in the human readable part, ON

 <b>hl7:originalText</b>	<b>ED</b>	<b>0 ... 1</b>	<b>C</b>	
 <b>hl7:reference</b>	<b>TEL</b>	<b>1 ... 1</b>	<b>M</b>	The reference to the corresponding text in the human readable part must be specified by reference content[@ID]: reference[@value="#xxx"]
 <b>@value</b>		<b>1 ... 1</b>	<b>R</b>	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content> element.
 <b>Schematron assert</b>	<b>role</b>		 error	
	<b>test</b>			starts-with(@value,'#')
	<b>Message</b>			The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content> element.
 <b>Variable let</b>	<b>Name</b>			<b>idvalue</b>
	<b>Value</b>			substring-after(@value,'#')
	<b>role</b>		 error	
 <b>Schematron assert</b>	<b>test</b>			ancestor::hl7:structuredBody//*[@@ID=\$idvalue]
	<b>Message</b>			No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').
	<b>role</b>		 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		(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)
		Message		Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.
└ h17:guardian		0 ... *		The patient's guardian.
└ h17:id	II	0 ... *		The guardian'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 ODS, are REQUIRED. Others are NOT ALLOWED.
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.
└ h17:code	CE	0 ... 1		The guardian's role.
└ @nullFlavor	cs	0 ... 1		
└ @code	cs	0 ... 1		
└ @codeSystem	oid	0 ... 1	F	2.16.840.1.113883.5.111
└ @codeSystemName	st	0 ... 1	F	HL7RoleCode
└ @displayName	st	0 ... 1		
Schematron assert		role		error
		test		(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))
		Message		Either nullFlavor or a valid code is required.

<code>hl7:addr</code>	<b>AD</b>	<b>0 ... *</b>	The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>
	<code>hl7chcda-dataelement-47</code>	<code>addressInformation</code>	CDA-CH V2 2017
<code>hl7:telecom</code>	<b>TEL</b>	<b>0 ... *</b>	The guardian's means of communication (phone, eMail, ...).
<i>Choice</i>		<b>1 ... 1</b>	Elements to choose from:
			<ul style="list-style-type: none"> <li>▪ <code>hl7:guardianPerson</code> containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information eCH-0011 (DYNAMIC)</i></li> <li>▪ <code>hl7:guardianOrganization</code> containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i></li> </ul>
<code>hl7:guardianPerson</code>			The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>
<code>hl7:guardianOrganization</code>			The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>
<code>hl7:birthplace</code>		<b>0 ... 1</b>	The patient's birthplace.
	<code>hl7chcda-dataelement-182</code>	<code>placeofBirth</code>	CDA-CH V2 2017
<code>hl7:place</code>		<b>1 ... 1</b>	
<code>hl7:name</code>	<b>EN</b>	<b>0 ... 1</b>	The patient's birthplace name.
<code>hl7:addr</code>	<b>AD</b>	<b>1 ... 1</b>	<b>R</b> The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>
<code>hl7:languageCommunication</code>		<b>0 ... *</b>	The patient's language skills.
<code>hl7:languageCode</code>	<b>CS</b>	<b>1 ... 1</b>	
	<code>hl7chcda-dataelement-164</code>	<code>languageOfCorrespondance</code>	CDA-CH V2 2017

		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)		
└ h17:modeCode	<b>CE</b>	<b>0 ... 1</b>			
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbilityMode</i> (DYNAMIC)		
└ h17:proficiencyLevelCode	<b>CE</b>	<b>0 ... 1</b>			
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbilityProficiency</i> (DYNAMIC)		
└ h17:preferenceInd	<b>BL</b>	<b>0 ... 1</b>		In case of @value=true it is the patient's correspondence language.	
└ h17:providerOrganization		<b>0 ... 1</b>		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	
<i>Included</i>		<b>1 ... *</b>	<b>M</b>	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)	
└ h17:author		<b>1 ... *</b>	<b>M</b>	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	
			cdachemed-dataelement-2		Autorin/Autor
└ h17:templateId	<b>II</b>	<b>1 ... 1</b>	<b>M</b>		
└ @root	uid	<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.1.10.9.23	
└ h17:functionCode	<b>CE</b>	<b>0 ... 1</b>			
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 <i>ParticipationFunction</i> (DYNAMIC)		
└ h17:time	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	Timestamp of the authorship.	
└ h17:assignedAuthor		<b>1 ... 1</b>	<b>R</b>		
	<b>Schematron assert</b>	role			error

			test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)
			Message	For device authors the element representedOrganization is REQUIRED.
└ hl7:id	II	1 ... 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.
			cdachemed-dataelement-7	Identifier
			hl7chcda-dataelement-233	Identifier
			hl7chcda-dataelement-162	personIdentification
				Dataset 1
				CDA-CH V2 2017
				CDA-CH V2 2017
└ @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.
			role	error
			Schematron assert	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.
			hl7chcda-dataelement-162	personIdentification
				CDA-CH V2 2017
└ @root	CS	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OI REQUIRED. Others are NOT ALLOWED.
└ @extension	ST	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
└ hl7:addr	AD	0 ... *		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)

	<code>└ hl7:telecom</code>	<b>TEL</b>	<b>0 ... *</b>	The author's means of communication (phone, eMail, ...).												
				Elements to choose from:												
<i>Choice</i>			<b>1 ... 1</b>	<ul style="list-style-type: none"> <li>▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information eCH-0011 (DYNAMIC)</i></li> <li>▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation (DYNAMIC)</i></li> </ul>												
	<code>└ hl7:assignedPerson</code>		<b>0 ... 1</b>	<p>The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">cdachemed-dataelement-3</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Name</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Dataset 1</td> </tr> <tr> <td></td> <td style="padding: 5px;">cdachemed-dataelement-6</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">First names</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Dataset 1</td> </tr> </table>		cdachemed-dataelement-3		Name		Dataset 1		cdachemed-dataelement-6		First names		Dataset 1
	cdachemed-dataelement-3		Name		Dataset 1											
	cdachemed-dataelement-6		First names		Dataset 1											
	<code>└ hl7:assignedAuthoringDevice</code>		<b>0 ... 1</b>	<p>The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name (DYNAMIC)</i></p>												
	<code>└ hl7:representedOrganization</code>		<b>0 ... 1</b>	<p>The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">cdachemed-dataelement-8</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Health facility</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Dataset 1</td> </tr> <tr> <td></td> <td style="padding: 5px;">hl7chcda-dataelement-234</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Health facility</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">CDA-CH V2 2017</td> </tr> </table>		cdachemed-dataelement-8		Health facility		Dataset 1		hl7chcda-dataelement-234		Health facility		CDA-CH V2 2017
	cdachemed-dataelement-8		Health facility		Dataset 1											
	hl7chcda-dataelement-234		Health facility		CDA-CH V2 2017											
<i>Included</i>			<b>0 ... 1</b>	from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer (DYNAMIC)</i>												
	<code>└ hl7:dataEnterer</code>		<b>0 ... 1</b>	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.												
	<code>└ hl7:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>												
	<code>└ @root</code>	uid	<b>1 ... 1</b>	F 2.16.756.5.30.1.1.10.2.7												
	<code>└ hl7:time</code>	<b>TS.CH.TZ</b>	<b>0 ... 1</b>	Timestamp of the data input.												
	<code>└ hl7:assignedEntity</code>		<b>1 ... 1</b>	<b>R</b> Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id (DYNAMIC)</i>												

<i>Included</i>		<b>0 ... *</b>	from 2.16.840.1.113883.10.12.154 CDA <i>Informant</i> (DYNAMIC)	
	└ h17:informant	<b>0 ... *</b>		
	└ @typeCode	<b>0 ... 1</b>	F	INF
	└ @contextControlCode	<b>0 ... 1</b>	F	OP
		Elements to choose from:		
<i>Choice</i>		<b>1 ... 1</b>	<ul style="list-style-type: none"> <li>▪ h17:assignedEntity containing template 2.16.840.1.113883.10.12.153 CDA <i>AssignedEntity</i> (DYNAMIC)</li> <li>▪ h17:relatedEntity containing template 2.16.840.1.113883.10.12.316 CDA <i>RelatedEntity</i> (DYNAMIC)</li> </ul>	
	└ h17:assignedEntity			Contains 2.16.840.1.113883.10.12.153 CDA <i>AssignedEntity</i> (DYNAMIC)
	└ h17:relatedEntity			Contains 2.16.840.1.113883.10.12.316 CDA <i>RelatedEntity</i> (DYNAMIC)
<i>Included</i>		<b>1 ... 1</b>	R	from 2.16.756.5.30.1.1.10.2.3 <i>Custodian</i> (DYNAMIC)
	└ h17:custodian	<b>1 ... 1</b>	R	The organization in whose name this CDA document has been created (corresponds to the sender's letter).
	└ h17:templateId	<b>1 ... 1</b>	M	
	└ @root	uid	<b>1 ... 1</b>	F
	└ h17:assignedCustodian		<b>1 ... 1</b>	R
	└ h17:representedCustodianOrganization		<b>1 ... 1</b>	R
	└ h17:id	<b>1 ... *</b>	M	The custodian's id.
	└ @root	uid	<b>1 ... 1</b>	R
	└ @extension	st	<b>0 ... 1</b>	Contains the ID itself. The ID MUST be unique within the system that issued the ID.

<code>hl7:name</code>	ON	1 ... 1	R	The custodian's name.
	<code>hl7chcda-dataelement-73</code>	<code>organisationName</code>		CDA-CH V2 2017
<code>hl7:telecom</code>	TEL	0 ... 1		The custodian's means of communication (phone, eMail, ...).
<code>hl7:addr</code>	AD	0 ... 1		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>
	<code>hl7chcda-dataelement-77</code>	<code>addressInformation</code>		CDA-CH V2 2017
<i>Included</i>		1 ... *	M	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient (DYNAMIC)</i>
<code>hl7:informationRecipient</code>		1 ... *	M	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization)  <b>Recipient types:</b> <ul style="list-style-type: none"> <li>The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.</li> <li>Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).</li> </ul>
<code>@typeCode</code>	cs	0 ... 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland a recipient MUST be declared. If the document is created for the user's own needs, the user itself or will be the primary recipient.
				The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 <i>x_InformationRecipient (DYNAMIC)</i>
<code>hl7:templateId</code>	II	1 ... 1	M	
<code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4

<code>└ hl7:intendedRecipient</code>		<b>1 ... 1</b>	<b>R</b>	
<code>└ hl7:id</code>	<b>II</b>	<b>0 ... *</b>	<b>R</b>	The recipient's identification(s).
	<a href="#">hl7chcda-dataelement-238</a>		Identifier	CDA-CH V2 2017
<code>└ @root</code>	uid	<b>1 ... 1</b>	<b>R</b>	The OID of the system that issued the id. OIDs of code systems, which are published in a public OI REQUIRED. Others are NOT ALLOWED.
<code>└ @extension</code>	st	<b>0 ... 1</b>		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
<code>└ hl7:addr</code>	<b>AD</b>	<b>0 ... *</b>		The recipient's address(es). Contains <a href="#">2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)</a>
	<a href="#">hl7chcda-dataelement-47</a>		addressInformation	CDA-CH V2 2017
<code>└ hl7:telecom</code>	<b>TEL</b>	<b>0 ... *</b>		The recipient's means of communication (phone, eMail, ...).
<code>└ hl7:informationRecipient</code>		<b>0 ... 1</b>		The addressee person. Contains <a href="#">2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)</a>
<code>└ hl7:receivedOrganization</code>		<b>0 ... 1</b>		The addressee organization. Contains <a href="#">2.16.756.5.30.1.1.10.9.24 Organization Compilation with name (DYNAMIC)</a>
	<a href="#">hl7chcda-dataelement-239</a>		Health facility	CDA-CH V2 2017
<i>Included</i>		<b>0 ... 1</b>		from <a href="#">2.16.756.5.30.1.1.10.2.5 Legal Authenticator (DYNAMIC)</a>
<code>└ hl7:legalAuthenticator</code>		<b>0 ... 1</b>		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.
<code>└ hl7:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>	
<code>└ @root</code>	uid	<b>1 ... 1</b>	<b>F</b>	<a href="#">2.16.756.5.30.1.1.10.2.5</a>
<code>└ hl7:time</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	Timestamp of the signature.
<code>└ hl7:signatureCode</code>	<b>CS</b>	<b>1 ... 1</b>	<b>R</b>	

└ @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 <i>ParticipationSignature</i> (DYNAMIC)		
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)
<i>Included</i>		0 ... *	from 2.16.756.5.30.1.1.10.2.6 <i>Authenticator</i> (DYNAMIC)	
└ h17:authenticator		0 ... *		Information about an authenticator of a CDA document. An authenticator MUST be a person.
└ h17:templateId	II	1 ... 1	M	
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.6
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.
└ h17:signatureCode	CS	1 ... 1	R	
└ @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 <i>ParticipationSignature</i> (DYNAMIC)		

<code>└ h17:assignedEntity</code>		<b>1 ... 1</b>	<b>R</b>	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)
<code>└ h17:participant</code>		<b>0 ... *</b>		Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.
<code>└ @typeCode</code>	CS	<b>1 ... 1</b>	F	IND
<code>└ h17:templateId</code>	II	<b>1 ... 1</b>	M	CDA-CH v2.0 ART-DECOR model of Employer.
<code>└ @root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.40
<code>└ h17:templateId</code>		<b>1 ... *</b>	M	CH-PCC ART-DECOR model of IHE PCC Employer and School Contacts.
<code>└ @root</code>	CS	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.41
<code>└ h17:templateId</code>	II	<b>1 ... 1</b>	M	IHE PCC Employer and School Contacts.
<code>└ @root</code>	uid	<b>1 ... 1</b>	F	1.3.6.1.4.1.19376.1.5.3.1.2.2
<code>└ h17:time</code>	IVL_TS.CH.TZ	<b>0 ... 1</b>		Validity period of contract.
<code>└ h17:low</code>	TS.CH.TZ	<b>1 ... 1</b>	R	Start of the contract.
<code>└ h17:high</code>	TS.CH.TZ	<b>1 ... 1</b>	R	End of the contract.
<code>└ h17:associatedEntity</code>		<b>1 ... 1</b>	R	
<code>└ @classCode</code>	CS	<b>1 ... 1</b>	F	CON
<code>└ h17:id</code>	II	<b>0 ... 1</b>	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).
<code>└ @root</code>	uid	<b>1 ... 1</b>	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OI REQUIRED. Others are NOT ALLOWED.

<code>└ @extension</code>	st	0 ... 1	The id itself. It MUST be unique within the issuing system.	
<code>└ h17:code</code>	<b>CE</b>	<b>1 ... 1</b>	<b>R</b>	
<code>└ @code</code>	cs	1 ... 1	R	
<code>└ @codeSystem</code>	oid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.3
<code>└ @codeSystemName</code>	st	1 ... 1	F	IHERoleCode
<code>└ @displayName</code>	st	0	NP	NP/not present
	<b>CONF</b>	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.77 IHERoleCode Employer and School Co MIC)		
<code>└ h17:associatedPerson</code>		<b>0 ... 1</b>		Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)
<code>└ h17:scopingOrganization</code>		<b>1 ... 1</b>		The employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.27 Organization Compilation with name, addr, telecom (DYNAMIC)
<i>Included</i>		<b>0 ... *</b>	from 2.16.756.5.30.1.1.10.2.15 Insurance - participant (DYNAMIC)	
<code>└ h17:participant</code>		<b>0 ... *</b>	Information on a patient's insurance.	
<code>└ @typeCode</code>	cs	1 ... 1	F	COV
<code>└ h17:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>	
<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.15
<code>└ h17:time</code>	<b>IVL_TS.CH.TZ</b>	<b>0 ... 1</b>		Validity period of the contract.
<code>└ h17:low</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	Start of the contract.
<code>└ h17:high</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	End of the contract.

<code>└ h17:associatedEntity</code>		<b>1 ... 1</b>	<b>R</b>	
<code>└ @classCode</code>	CS	<b>1 ... 1</b>	F	PAYOR
<code>└ h17:id</code>	II	<b>1 ... 1</b>	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).
<code>└ @root</code>	uid	<b>1 ... 1</b>	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OI REQUIRED. Others are NOT ALLOWED.
<code>└ @extension</code>	st	<b>0 ... 1</b>		The id itself. It MUST be unique within the issuing system.
<code>└ h17:code</code>	<b>CE</b>	<b>1 ... 1</b>	R	The underlying law for the contract.
<code>└ @nullFlavor</code>	CS	<b>0 ... 1</b>	F	NAV
<code>└ @code</code>	CS	<b>0 ... 1</b>		832.10, 832.20, 221.229.1, 833.1, 831.20
<code>└ @codeSystem</code>	oid	<b>0 ... 1</b>	F	2.16.756.5.30.2.1.1.11
<code>└ @codeSystemName</code>	st	<b>0 ... 1</b>	F	ins-laws
<code>└ @displayName</code>	st	<b>0 ... 1</b>		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies Act, IPA), Federal Act on Military Insurance (Milia), Federal Act on Invalidity Insurance (IVI)
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.
<code>└ h17:associatedPerson</code>		<b>0 ... 1</b>		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)
<code>└ h17:scopingOrganization</code>		<b>1 ... 1</b>		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 Organization Compilation with GLN, name, addr and telecom (DYNAMIC)
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.14 Insurance Card - participant (DYNAMIC)

<code>└ hl7:participant</code>		<b>0 ... *</b>		Information on a patient's insurance card.
<code>└ @typeCode</code>	CS	<b>1 ... 1</b>	F	HLD
<code>└ hl7:templateId</code>	II	<b>1 ... 1</b>	M	
<code>└ @root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.14
<code>└ hl7:time</code>	IVL_TS.CH.TZ	<b>1 ... 1</b>	R	Validity period of the insurance card.
<code>└ hl7:low</code>	TS.CH.TZ	<b>1 ... 1</b>		
<code>└ @nullFlavor</code>	CS	<b>1 ... 1</b>	F	NASK
<code>└ hl7:high</code>	TS.CH.TZ	<b>1 ... 1</b>	R	Expiration date of the insurance card.
<code>└ hl7:associatedEntity</code>		<b>1 ... 1</b>	R	
<code>└ @classCode</code>	CS	<b>1 ... 1</b>	F	POLHOLD
<code>└ hl7:id</code>	II	<b>1 ... 1</b>	R	The insurance card's id.
<code>└ @root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.123.100.1.1.1
<code>└ @extension</code>	st	<b>1 ... 1</b>	R	Number of the insurance card.
<code>└ hl7:associatedPerson</code>		<b>0 ... 1</b>		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)
<code>└ hl7:scopingOrganization</code>		<b>0 ... 1</b>		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.43 <i>Patient Contact - participant</i> (DYNAMIC)
<code>└ hl7:participant</code>		<b>0 ... *</b>		Information on a patient contact.

<code>└ @typeCode</code>		CS	1 ... 1	F	IND
└ <code>h17:templateId</code>	II		1 ... 1	M	
└ <code>@root</code>	uid		1 ... 1	F	2.16.756.5.30.1.1.10.2.43
└ <code>h17:templateId</code>	II		1 ... 1	M	
└ <code>@root</code>	uid		1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4
└ <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1			Validity period of the participation.
└ <code>h17:low</code>	TS.CH.TZ	1 ... 1	R		Start of participation.
└ <code>h17:high</code>	TS.CH.TZ	1 ... 1	R		End of participation.
└ <code>h17:associatedEntity</code>		1 ... 1	R		Either the contact person or the contact's organization SHALL be present.
└ <code>@classCode</code>					The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations
└ <code>h17:code</code>	CE	1 ... 1	R		The contact's role.
└ <code>@nullFlavor</code>	CS	0 ... 1			
└ <code>@code</code>	CS	0 ... 1			
└ <code>@codeSystem</code>	OID	0 ... 1	F		2.16.840.1.113883.5.111
└ <code>@codeSystemName</code>	ST	0 ... 1	F		HL7RoleCode

<code>└ @displayName</code>	st	0 ... 1		
			role	error
	Schematron assert	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.	
<code>└ hl7:addr</code>	AD	0 ... *	The contact's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	
			 hl7chcda-dataelement-47	 addressInformation
				 CDA-CH V2 2017
<code>└ hl7:telecom</code>	TEL	0 ... *	The contact's means of communication (phone, eMail, ...).	
<code>└ hl7:associatedPerson</code>		0 ... 1	<b>C</b> The contact person. Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)	
<code>└ hl7:scopingOrganization</code>		0 ... 1	<b>C</b> The contact's organization. Contains 2.16.756.5.30.1.1.10.9.24 Organization Compilation with name (DYNAMIC)	
	Schematron assert	role	error	
		test	@classCode='('AGNT','CAREGIVER','ECON','NOK','PRS')	
		Message	The classCode attribute shall be present, and contains a value from the set AGNT, CAREGIVER, ECON, NOK, or PRS to identify contacts that are agents of the patient, care givers, emergency contacts, next of kin or other relations respectively.	
<i>Included</i>		0 ... *	from 2.16.756.5.30.1.1.10.2.16 Order Reference - inFulfillmentOf (DYNAMIC)	
<code>└ hl7:inFulfillmentOf</code>		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.	
<code>└ hl7:templateId</code>	II	1 ... 1	<b>M</b>	
<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16
<code>└ hl7:order</code>		1 ... 1	<b>R</b>	
<code>└ hl7:id</code>	II	1 ... *	<b>R</b>	Order number.

<code>└ @root</code>	uid	1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.
<code>└ @extension</code>	st	0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)
└ h17:documentationOf		0 ... *		Information about a health service describing the context of this CDA document.
└ @typeCode	cs	1 ... 1	F	DOC
└ h17:templateId	II	1 ... 1	M	
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46
└ h17:serviceEvent		1 ... 1	R	
└ @classCode	cs	1 ... 1	F	ACT
└ @moodCode	cs	1 ... 1	F	EVN
└ h17:id	II	0 ... *		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OI REQUIRED. Others are NOT ALLOWED.
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.
└ h17: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.
└ @nullFlavor	st	1 ... 1	F	NAV
└ @code	cs	0	NP	NP/not present
└ @codeSystem	oid	0	NP	NP/not present

<code>└ @codeSystemName</code>	st	0	NP	NP/not present
<code>└ @displayName</code>	st	0	NP	NP/not present
└ <code>h17:translation</code>		<b>0 ... *</b>		A translation of the code to another coding system.
└ <code>@code</code>	cs	<b>1 ... 1</b>	R	
└ <code>@codeSystem</code>	oid	<b>1 ... 1</b>	R	
└ <code>@codeSystemName</code>	st	<b>1 ... 1</b>	R	
└ <code>@displayName</code>	st	<b>1 ... 1</b>	R	
└ <code>h17:effectiveTime</code>	<b>IVL_TS.CH.TZ</b>	<b>1 ... 1</b>	R	Duration of the health service.
└ <code>h17:low</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	Start of the health service.
└ <code>h17:high</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	End of the health service.
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.9.31 <i>Performer (DYNAMIC)</i>
└ <code>h17:performer</code>		<b>0 ... *</b>		Information about a healthcare provider who was the primary performer of the act.
└ <code>@typeCode</code>	cs	<b>1 ... 1</b>	F	PRF
└ <code>h17:templateId</code>	<b>II</b>	<b>1 ... 1</b>	M	
└ <code>@root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.9.31
└ <code>h17:templateId</code>		<b>1 ... 1</b>	R	
└ <code>@root</code>	uid	<b>1 ... 1</b>	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5

<code>└ h17:templateId</code>		<b>1 ... 1</b>	<b>R</b>	
<code>└ @root</code>	<code>uid</code>	<b>1 ... 1</b>	<code>F</code>	2.16.840.1.113883.10.12.323
<code>└ h17:time</code>	<code>IVL_TS.CH.TZ</code>	<b>0 ... 1</b>		Duration of the performance.
<code>└ h17:low</code>	<code>TS.CH.TZ</code>	<b>1 ... 1</b>	<b>R</b>	Start of the performance.
<code>└ h17:high</code>	<code>TS.CH.TZ</code>	<b>1 ... 1</b>	<b>R</b>	End of the performance.
<code>└ h17:assignedEntity</code>		<b>1 ... 1</b>	<b>R</b>	Contains 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation</i> with <i>id</i> , <i>name</i> , <i>addr</i> , <i>telecom</i> , <i>person</i> and <i>organization</i> (DYNAMIC)
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.13 <i>Document Replacement - relatedDocument</i> (DYNAMIC)
<code>└ h17:relatedDocument</code>		<b>0 ... *</b>		<p>Relationship to another CDA-CH V2 based document that is replaced by the current one.</p> <p><b>Notes:</b> 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 those 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 previous document MUST be interpreted as deprecated (deleted/mark as deleted/deprecated) and all values in the new document MUST be marked as valid:</p> <ul style="list-style-type: none"> <li>▪ Values that were only contained in the previous document have to be treated as deleted.</li> <li>▪ Values that are present in both documents are overwritten with the contents of the new document.</li> <li>▪ Values that are only contained in the new document are to be added.</li> </ul>
<code>└ @typeCode</code>	<code>CS</code>	<b>1 ... 1</b>	<code>F</code>	RPLC
				Indicates that it is a relationship to another document that needs to be replaced.

<code>└ hl7:templateId</code>	II	1 ... 1	M	
<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.13
<code>└ hl7:parentDocument</code>		1 ... 1	R	Relationship to the document that needs to be replaced.
<code>└ hl7:id</code>	II	1 ... 1	M	The id of the document to be replaced MUST be declared.
<code>└ @root</code>	uid	1 ... 1	R	The id (GUID) of the document to be replaced.
<code>└ @extension</code>	st	0	NP	NP/not present
<code>└ hl7:setId</code>	II	1 ... 1	M	The setId of the document to be replaced MUST be declared.
<code>└ @extension</code>	st	0	NP	NP/not present
<code>└ @root</code>	uid	1 ... 1	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the set document.
<code>└ hl7:versionNumber</code>	INT	1 ... 1	M	role <span style="color: red;">error</span>
				test (@root=/hl7:ClinicalDocument/hl7:setId/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)
				Message ClinicalDocument/setId: MUST be identical to the one of the replaced document
<code>└ hl7:authorization</code>		0 ... *	from 2.16.840.1.113883.10.12.114 CDA Authorization (DYNAMIC)	role <span style="color: red;">error</span>
				test /hl7:ClinicalDocument/hl7:versionNumber/@value > @value
				Message ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document
<code>└ @typeCode</code>		0 ... 1	F	AUTH

h17:consent		1 ... 1		
@classCode		0 ... 1	F	CONS
@moodCode		0 ... 1	F	EVN
h17:id	II	0 ... *		
h17:code	CE	0 ... 1		
	CONF	shall be drawn from concept domain "ActCode"		
h17:statusCode	CS	1 ... 1	R	
@code	CONF	0 ... 1	F	completed
<i>Included</i>				
h17:componentOf		0 ... 1		from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)
@typeCode		0 ... 1	F	COMP
h17:encompassingEncounter		1 ... 1		
@classCode		0 ... 1	F	ENC
@moodCode		0 ... 1	F	EVN
h17:id	II	0 ... *		
h17:code	CE	0 ... 1		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 ActEncounterCode (DYNAMIC)		

<code>└ h17:effectiveTime</code>	<code>IVL_TS</code>	<code>1 ... 1</code>	<code>R</code>	
<code>└ h17:dischargeDispositionCode</code>	<code>CE</code>	<code>0 ... 1</code>		
	<code>CONF</code>	shall be drawn from concept domain "EncounterDischargeDisposition"		
<code>└ h17:responsibleParty</code>		<code>0 ... 1</code>		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)
<code>└ @typeCode</code>		<code>0 ... 1</code>	<code>F</code>	<code>RESP</code>
<code>└ h17:encounterParticipant</code>		<code>0 ... *</code>		
<code>└ @typeCode</code>	<code>CS</code>	<code>1 ... 1</code>	<code>R</code>	
	<code>CONF</code>	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19600 x_EncounterParticipant (DY)		
<code>└ h17:time</code>	<code>IVL_TS</code>	<code>0 ... 1</code>		
<code>└ h17:assignedEntity</code>		<code>1 ... 1</code>		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)
<code>└ h17:location</code>		<code>0 ... 1</code>		
<code>└ @typeCode</code>		<code>0 ... 1</code>	<code>F</code>	<code>LOC</code>
<code>└ h17:healthCareFacility</code>		<code>1 ... 1</code>		
<code>└ @classCode</code>		<code>0 ... 1</code>	<code>F</code>	<code>SDLOC</code>
<code>└ h17:id</code>	<code>II</code>	<code>0 ... *</code>		
<code>└ h17:code</code>	<code>CE</code>	<code>0 ... 1</code>		
	<code>CONF</code>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 ServiceDeliveryLocationRoleTyp		

	<code>hl7:location</code>		<b>0 ... 1</b>		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)
	<code>hl7:serviceProviderOrganization</code>		<b>0 ... 1</b>		Contains 2.16.840.1.113883.10.12.151 <i>CDA Organization</i> (DYNAMIC)
	<code>hl7:component</code>		<b>1 ... 1</b>	<b>R</b>	
	<code>hl7:structuredBody</code>		<b>1 ... 1</b>	<b>R</b>	
	<code>hl7:component</code>		<b>1 ... *</b>	<b>R</b>	
Elements to choose from:					
<i>Choice</i>					
<ul style="list-style-type: none"><li>▪ <code>hl7:section</code> included from template 2.16.840.1.113883.10.12.201 <i>CDA Section</i> (DYNAMIC)</li><li>▪ <code>hl7:section</code> included from template 2.16.756.5.30.1.1.10.3.2 <i>Remarks Section - coded</i> (DYNAMIC)</li><li>▪ <code>hl7:section</code> included from template 2.16.756.5.30.1.1.10.3.45 <i>Original Representation Section</i> (DYNAMIC)</li></ul>					
<i>Included</i>					
			<b>0 ... *</b>		from 2.16.840.1.113883.10.12.201 <i>CDA Section</i> (DYNAMIC)
	<code>hl7:section</code>		<b>0 ... *</b>		
	<code>@classCode</code>		<b>0 ... 1</b>	<b>F</b>	DOCSECT
	<code>@moodCode</code>		<b>0 ... 1</b>	<b>F</b>	EVN
	<code>hl7:templateId</code>	<b>II</b>	<b>1 ... 1</b>		
	<code>@root</code>		<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.10.12.201
	<code>hl7:id</code>	<b>II</b>	<b>0 ... 1</b>		
	<code>hl7:code</code>	<b>CE</b>	<b>0 ... 1</b>		
			<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10871 <i>DocumentSectionType</i> (DYNAMIC)	

<code>└ h17:title</code>	<code>ST</code>	<code>0 ... 1</code>		
<code>└ h17:text</code>	<code>SD.TEXT</code>	<code>0 ... 1</code>	<code>R</code>	
<code>└ h17:confidentialityCode</code>	<code>CE</code>	<code>0 ... 1</code>		
	<code>CONF</code>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16926 <i>x_BasicConfidentialityKind</i> (DYNAMIC)		
<code>└ h17:languageCode</code>	<code>CS</code>	<code>0 ... 1</code>		
	<code>CONF</code>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)		
<code>└ h17:subject</code>		<code>0 ... 1</code>		Contains 2.16.840.1.113883.10.12.320 <i>CDA Subject (Body)</i> (DYNAMIC)
where [h17:relatedSubject]				
<code>└ h17:author</code>		<code>0 ... *</code>		Contains 2.16.840.1.113883.10.12.318 <i>CDA Author (Body)</i> (DYNAMIC)
where [h17:assignedAuthor]				
<code>└ h17:informant</code>		<code>0 ... *</code>		Contains 2.16.840.1.113883.10.12.319 <i>CDA Informant (Body)</i> (DYNAMIC)
<code>└ h17:entry</code>		<code>0 ... *</code>		Contains 2.16.840.1.113883.10.12.300 <i>CDA Clinical Statement</i> (DYNAMIC)
<code>└ @typeCode</code>	<code>CS</code>	<code>0 ... 1</code>	Default value is COMP	
	<code>CONF</code>	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19446 <i>x_ActRelationshipEntry</i> (DYNAMIC)		
<code>└ @contextConductionInd</code>	<code>BL</code>	<code>0 ... 1</code>	<code>F</code>	true
<code>└ h17:component</code>		<code>0 ... *</code>		Contains 2.16.840.1.113883.10.12.201 <i>CDA Section</i> (DYNAMIC)
where [h17:section]				
<code>└ @typeCode</code>		<code>0 ... 1</code>	<code>F</code>	COMP

	<code>└ @contextConductionInd</code>	bl	0 ... 1	F	true
<i>Included</i>			0 ... 1		from 2.16.756.5.30.1.1.10.3.2 <i>Remarks Section - coded (DYNAMIC)</i>
	<code>└ hl7:section</code>		0 ... 1		This section can be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.
	<code>└ hl7:templateId</code>	II	1 ... 1	R	
	<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.3.2
	<code>└ hl7:id</code>	II	0 ... 1		An ID for this section MAY be filled for traceability.
	<code>└ @root</code>	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.
	<code>└ @extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
	<code>└ hl7:code</code>	CE	1 ... 1	R	
	<code>└ @code</code>	cs	1 ... 1	F	48767-8
	<code>└ @codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.6.1
	<code>└ @codeSystemName</code>	st	1 ... 1	F	LOINC
	<code>└ @displayName</code>	st	1 ... 1	F	Annotation comment
	<code>└ hl7:title</code>	ST	1 ... 1	M	<p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Kommentar'</li> <li>▪ [fr]: 'Commentaire'</li> <li>▪ [it]: 'Osservazione'</li> <li>▪ [en]: 'Comment'</li> </ul>
		Variable let	Name		languageCode

		Value	substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)				
Schematron assert	role	<span style="color: red;">●</span> error					
Schematron assert	test	not(\$languageCode='ge') or (text()='Kommentar')					
Schematron assert	Message	The German title must read 'Kommentar'					
Schematron assert	role	<span style="color: red;">●</span> error					
Schematron assert	test	not(\$languageCode='fr') or (text()='Commentaire')					
Schematron assert	Message	The French title must read 'Commentaire'					
Schematron assert	role	<span style="color: red;">●</span> error					
Schematron assert	test	not(\$languageCode='it') or (text()='Osservazione')					
Schematron assert	Message	The Italian title must read 'Osservazione'					
Schematron assert	role	<span style="color: red;">●</span> error					
Schematron assert	test	not(\$languageCode='en') or (text()='Comment')					
Schematron assert	Message	The English title must read 'Comment'					
<span style="color: #ccc;">└ h17:text</span>	<b>SD.TEXT</b>	<b>1 ... 1</b>	<span style="color: #ccc;">M</span>	Human readable text of this section.			
<span style="color: #ccc;">└ h17:entry</span>		<b>0 ... *</b>		Contains 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC)			
where [h17:act]							
<span style="color: orange;">⌚</span> cdachemed-dataelement-39		<span style="color: yellow;">⌚</span> Allgemeine Bemerkungen*		<span style="color: yellow;">⌚</span> Dataset 1			
Included		<b>0 ... 1</b>	from 2.16.756.5.30.1.1.10.3.45 <i>Original Representation Section - coded</i> (DYNAMIC)				
<span style="color: #ccc;">└ h17:section</span>		<b>0 ... 1</b>	Contains the original representation of the current CDA document as it has been seen by the legal authenticator while signing.				
<span style="color: #ccc;">└ h17:templateId</span>	<span style="color: #ccc;">II</span>	<b>1 ... 1</b>	<span style="color: #ccc;">M</span>				
<span style="color: #ccc;">└ @root</span>	uid	<b>1 ... 1</b>	<span style="color: #ccc;">F</span>	2.16.756.5.30.1.1.10.3.45			
<span style="color: #ccc;">└ h17:id</span>	<span style="color: #ccc;">II</span>	<b>0 ... 1</b>		An ID for this section MAY be filled for traceability.			

L @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 OID registry for the Swiss health care system ( <a href="#">oid.refdata.ch</a> ) are REQUIRED. Others are NOT ALLOWED.
L @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
L h17:code	CE	1 ... 1	M	
L @code	CONF	1 ... 1	F	55108-5
L @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)
L @codeSystemName		1 ... 1	F	LOINC
L @displayName		1 ... 1	F	Clinical presentation
L h17:title	ST	1 ... 1	M	<p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Original Darstellung'</li> <li>▪ [fr]: 'Représentation originale'</li> <li>▪ [it]: 'Rappresentazione originale'</li> <li>▪ [en]: 'Original representation'</li> </ul>
	Variable let	Name	languageCode	
	Variable let	Value	substring(ancestor::h17:ClinicalDocument/h17:languageCode/@code,1,2)	
	Schematron assert	role	error	
	Schematron assert	test	not(\$languageCode='ge') or (text()='Original Darstellung')	
	Schematron assert	Message	The German title must read 'Original Darstellung'	
	Schematron assert	role	error	
	Schematron assert	test	not(\$languageCode='fr') or (text()='Représentation originale')	
	Schematron assert	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'
└ h17:text	SD.TEXT	1 ... 1	MUST contain the reference (renderMultiMedia/@referencedObject) to the corresponding observation Media (embedded PDF) that shows the original representation signed by the legal authenticator.
└ h17:renderMultiMedia		1 ... 1	M
└ @referencedObject		1 ... 1	R
└ h17:entry		1 ... 1	M

where [not(@nullFlavor)] [h17:observationMedia]

└ @typeCode	st	1 ... 1	F	DRIV
		role	error	
	Schematron assert	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.	
		role	error	
	Schematron assert	test	hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/hl7:value/@mediaType='application/pdf'	
		Message	The referenced multimedia object MUST have the mime type set to 'application/pdf'.	
		role	warning	
	Schematron assert	test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])	
		Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.	
	Schematron report	role	warning	

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

### 7.3.1.2 CDA-CH v2.0 - nonXMLBody

Id	2.16.756.5.30.1.1.10.1.12	Effective Date	2018-04-18
Status	<span style="color: green;">●</span> Active	Version Label	2017
Name	CDA-CHv2.0-nonXMLBody	Display Name	CDA-CH v2.0 - nonXMLBody

#### Description

This document template MAY be referenced or specialized for specific, not further described use cases. CDA-CH V2 derivatives, i.e. Swiss exchange formats SHOULDN'T use this template, as they better refer to the document level template requiring a structured body. It only specifies the usage of CDA header templates. It requires a non XML CDA body, but does not define any CDA body rules. For CDA body rules, see the derived exchange formats.

Context	Pathname //		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Uses 3 templates			
Uses	Uses	as	Name
	2.16.756.5.30.1.1.10.2.25	Include	<span style="color: green;">●</span> Document Realm (2017) DYNAMIC
	2.16.756.5.30.1.1.10.2.47	Include	<span style="color: green;">●</span> Document Template Ids CDA-CH v2.0 - nonXMLBody (2017) DYNAMIC
	2.16.756.5.30.1.1.10.9.36	Include	<span style="color: green;">●</span> CDA-CH v2.0 Header Template Compilation (2017) DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.3 CDA ClinicalDocument (with nonXMLBody) (2005-09-07) ref ad1bbr-		

					Example	
Example					<pre>&lt;!-- The following line is required in a CDA-CH document. It is commented here due to ART-DECOR validation issues, only --&gt; &lt;!!-- &lt;?xml version="1.0" encoding="UTF-8"?&gt; --&gt; &lt;ClinicalDocument&gt;   &lt;!-- include template cdach_header_DocumentRealm[2.16.756.5.30.1.1.10.2.25] '?' (dynamic) 1..1 M --&gt;   &lt;typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/&gt;   &lt;!-- include template cdach_header_DocumentTemplateIdsCdaChV2NonXmlBody[2.16.756.5.30.1.1.10.2.47] '?' (dynamic) --&gt;   &lt;!-- include template cdach_other_HeaderTemplates[2.16.756.5.30.1.1.10.9.36] '?' (dynamic) --&gt;   &lt;component contextConductionInd="false"&gt;     &lt;nonXMLBody&gt;       &lt;text/&gt;       &lt;confidentialityCode/&gt;       &lt;languageCode/&gt;     &lt;/nonXMLBody&gt;   &lt;/component&gt; &lt;/ClinicalDocument&gt;</pre>	
					<p>This document template MAY be referenced or specialized for specific, not further described use cases. It only specifies the usage of CDA header templates. It requires a non XML CDA body, but does not define any CDA body rules. For CDA body rules, see the derived exchange formats.</p> <p>Conformity rules that are not further modelled in ART-DECOR:</p> <ul style="list-style-type: none"> <li>▪ <b>XML encoding</b> UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <code>&lt;?xml version="1.0" encoding="UTF-8"?&gt;</code></li> <li>▪ </li> </ul>	(CDA...ody)

					<b>Phone numbers</b> 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"/>	
<i>Included</i>		<b>1 ... 1</b>	<b>M</b>	from 2.16.756.5.30.1.1.10.2.25 <i>Document Realm (DYNAMIC)</i>		
└ h17:realmCode	<b>CS</b>	<b>1 ... 1</b>	<b>M</b>	Swiss Realm (CHE) of HL7 CDA.		CDA-CH V2
└ @code	CONF	<b>1 ... 1</b>	<b>F</b>	CHE		
└ h17:typeId	II	<b>1 ... 1</b>	<b>M</b>	HL7 CDA R2, 2005		(CDA...ody)
└ @root	uid	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.1.3		
└ @extension	st	<b>1 ... 1</b>	<b>F</b>	POCD_HD000040		
<i>Included</i>				from 2.16.756.5.30.1.1.10.2.47 <i>Document Template Ids CDA-CH v2.0 - nonXMLBody (DYNAMIC)</i>		
└ h17:templateId	II	<b>0 ... 1</b>		CDA-CH v2.0 specification. This is an informational reference, only.		CDA-CH V2

<code>└ @root</code>		uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.1.1.4	
	<code>└ h17:templateId</code>	II	<b>1 ... 1</b>	M	CDA-CH v2.0 ART-DECOR model - nonXMLBody.	CDA-CH V2
<code>└ @root</code>		uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.1.12	
	<code>└ h17:templateId</code>	II	<b>1 ... 1</b>	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as nonXMLBody.	CDA-CH V2
<code>└ @root</code>		uid	<b>1 ... 1</b>	F	2.16.840.1.113883.10.12.3	
	<code>└ h17:templateId</code>	II	<b>1 ... 1</b>	M	HL7 CDA R2 (2005).	CDA-CH V2
<code>└ @root</code>		uid	<b>1 ... 1</b>	F	2.16.840.1.113883.10.12.1	
<i>Included</i>						
<i>Included</i>						
			<b>1 ... 1</b>	M	from 2.16.756.5.30.1.1.10.2.23 Document Id (DYNAMIC)	
	<code>└ h17:id</code>	II	<b>1 ... 1</b>	M	A unique identifier for each CDA document instance.	CDA-CH V2
					<span style="color: orange;">⌚ cdachemed-dataelement-24</span> Identification number of the document <span style="color: yellow;">⌚ Dataset 1</span> <span style="color: orange;">⌚ hl7chcda-dataelement-217</span> Identification number of the document <span style="color: yellow;">⌚ CDA-CH V2 2017</span>	
<code>└ @root</code>		uid	<b>1 ... 1</b>	R	The document's id as Globally Unique Identifier (GUID).	
<code>└ @extension</code>		st	0	NP	NP/not present	
<i>Included</i>						
			<b>1 ... 1</b>	M	from 2.16.756.5.30.1.1.10.2.44 Document Code (DYNAMIC)	
	<code>└ h17:code</code>	CE	<b>1 ... 1</b>	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.	CDA-CH V2
<code>└ @code</code>		cs	<b>1 ... 1</b>	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
<code>└ @codeSystem</code>		oid	<b>1 ... 1</b>	F	2.16.840.1.113883.6.1	

<code>└ @codeSystemName</code>	st	1 ... 1	F	LOINC	
<code>└ @displayName</code>	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
<code>└ hl7:translation</code>	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
	 hl7chcda-dataelement-218		 Document type		 CDA-CH V2 2017
<code>└ @code</code>	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
<code>└ @codeSystem</code>	oid	1 ... 1	R		
<code>└ @codeSystemName</code>	st	1 ... 1	R		
<code>└ @displayName</code>	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
	CONF		The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>DocumentEntry.typeCode</i> (DYNAMIC)		
<code>└ hl7:title</code>	ST	1 ... 1	M	The expected titles (at least in English, German, French and Italian) MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
<code>└ hl7:effectiveTime</code>	TS.CH.TZ	1 ... 1	M	The document's creation date and time. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	CDA-CH V2
<i>Included</i>		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.19 <i>Document Confidentiality Code</i> (DYNAMIC)	
<code>└ hl7:confidentialityCode</code>	CE (required)	1 ... 1	M	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
	 cdachemed-dataelement-29		 Confidentiality level		 Dataset 1
	 hl7chcda-dataelement-222		 Confidentiality level		 CDA-CH V2 2017
<code>└ @code</code>	cs	1 ... 1	R	The value of @code MUST be drawn from value set DocumentEntry.confidentialityCode	

<code>└ @codeSystem</code>	oid	1 ... 1	R			
<code>└ @codeSystemName</code>	st	1 ... 1	R			
<code>└ @displayName</code>	st	1 ... 1	R	The value of <code>@displayName</code> MUST be drawn from value set DocumentEntry.confidentialityCode		
	CONF		The value of <code>@code</code> shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>DocumentEntry.confidentialityCode</i> (DYNAMIC)			
<i>Included</i>		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.22 <i>Document Language</i> (DYNAMIC)		
<code>└ h17:languageCode</code>	<b>CS</b>	1 ... 1	M	The RFC5646 based language in which the narrative texts in this CDA document instance are written.		
	<span style="color: orange;">🕒</span> cdachemed-dataelement-26 <span style="color: yellow;">🕒</span> Language of the document <span style="color: orange;">🕒</span> hl7chcda-dataelement-219 <span style="color: yellow;">🕒</span> Language of the document		<span style="color: yellow;">🕒</span> Dataset 1 <span style="color: yellow;">🕒</span> CDA-CH V2 2017			
	CONF		The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)			
<i>Included</i>						
<code>└ h17:setId</code>	<b>II</b>	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.		
<code>└ @root</code>	uid	1 ... 1	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).		
<code>└ @extension</code>	st	0	NP	NP/not present		
	<b>Schematron assert</b>	role	<span style="color: red;">●</span> error  (parent::*/h17:versionNumber[@value='1'] and @root=parent::*/h17:id/@root and (@extension=parent::*/h17:id/@extension or (not(@extension) and not(parent::*/h17:id/@extension)))) or (parent::*/h17:versionNumber[not(@value ='1')] and ((@root=parent::*/h17:id/@root and @extension and not(@extension=parent::*/h17:id/@extension)) or(not(@root=parent::*/h17:id/@root))))			
		test				
		Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.			

<code>└ h17:versionNumber</code>	INT.NONNEG	1 ... 1	R	<p>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.</p> <p> <span style="color: orange;">⌚</span> cdachemed-dataelement-30    <span style="color: yellow;">🟡</span> Version    <span style="color: yellow;">🟡</span> Dataset 1  <span style="color: green;">⌚</span> hl7chcda-dataelement-223    <span style="color: yellow;">🟡</span> Version    <span style="color: yellow;">🟡</span> CDA-CH V2 2017         </p>	CDA-CH V2
<i>Included</i>		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.1 <i>Patient - recordTarget</i> (DYNAMIC)	
<code>└ h17:recordTarget</code>		1 ... 1	R	<p>A human patient for whom this CDA document instance was created.</p> <ul style="list-style-type: none"> <li>▪ <b>Target patient</b> The HL7 CDA R2 (2005) standard allows multiple patients. In order to ensure that the information in a CDA document is unambiguously assigned to one and only patient, a CDA-CH V2 based document MUST contain exactly one patient. Special cases: In exceptional cases (e.g., new-born twins, both having jaundice), multiple documents MUST be created (all of the same content, but each with a unique patient).</li> <li>▪ <b>Patient identifiers</b> Multiple ids (patient identification number) MAY be declared. If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of its data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification. The patient identification number MUST be grouped with the OID of its assigning system. The patient identification number MUST be unique within the system identified by the OID. The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid.info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc. OIDs that can't be found in a public OID registry are NOT ALLOWED.</li> </ul>	CDA-CH V2

				<ul style="list-style-type: none"> <li><b>Pseudonymizing</b> In special cases, the demographic data of the patient are not allowed to be transmitted or they have to be pseudonymized. While HL7 CDA or its derivatives like CDA-CH or Swiss exchange formats nevertheless require these elements in the XML structure, the affected values MUST be replaced by a nullFlavor of type "MSK" (masked), in order to support the required data format structure and simultaneously to shield the real data.</li> </ul>	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
└ h17:patientRole		1 ... 1	R		CDA-CH V2
└ h17:id	II	1 ... *	R	The patient's id.	CDA-CH V2
<div style="background-color: #e0f2e0; padding: 10px;"> <span style="color: orange;">⌚</span> cdachemed-dataelement-13    <span style="color: yellow;">●</span> Identification number    <span style="color: yellow;">●</span> Dataset 1          hl7chcda-dataelement-162    <span style="color: yellow;">●</span> personIdentification    <span style="color: yellow;">●</span> CDA-CH V2 2017          hl7chcda-dataelement-228    <span style="color: yellow;">●</span> Identification number    <span style="color: yellow;">●</span> CDA-CH V2 2017       </div>					
└ @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.	
└ h17:addr	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2
<div style="background-color: #e0f2e0; padding: 10px;"> <span style="color: orange;">⌚</span> cdachemed-dataelement-14    <span style="color: yellow;">●</span> Address (es)    <span style="color: yellow;">●</span> Dataset 1          hl7chcda-dataelement-47    <span style="color: yellow;">●</span> addressInformation    <span style="color: yellow;">●</span> CDA-CH V2 2017          hl7chcda-dataelement-229    <span style="color: yellow;">●</span> Address (es)    <span style="color: yellow;">●</span> CDA-CH V2 2017       </div>					

<code>└ h17:telecom</code>	<code>TEL</code>	<code>0 ... *</code>		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
<code>└ h17:patient</code>		<code>1 ... 1</code>	<code>R</code>	Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
				cdachemed-dataelement-5  Patient/Patientin  Dataset 1	
<code>└ h17:administrativeGenderCode</code>	<code>CE</code>	<code>1 ... 1</code>	<code>R</code>	The patient's gender	CDA-CH V2
				cdachemed-dataelement-12  Gender  Dataset 1 hl7chcda-dataelement-227  Gender  CDA-CH V2 2017 hl7chcda-dataelement-183  sex  CDA-CH V2 2017	
<code>└ @code</code>	<code>cs</code>	<code>1 ... 1</code>	<code>R</code>		
<code>└ @codeSystem</code>	<code>oid</code>	<code>1 ... 1</code>	<code>F</code>	2.16.840.1.113883.5.1	
<code>└ @codeSystemName</code>	<code>st</code>	<code>1 ... 1</code>	<code>F</code>	HL7 AdministrativeGender	
<code>└ @displayName</code>	<code>st</code>	<code>1 ... 1</code>	<code>R</code>		
<code>└ h17:birthTime</code>	<code>TS.CH.TZ</code>	<code>1 ... 1</code>	<code>R</code>	The patient's birthdate.	CDA-CH V2
				cdachemed-dataelement-11  Date of birth  Dataset 1 hl7chcda-dataelement-181  dateOfBirth  CDA-CH V2 2017 hl7chcda-dataelement-226  Date of birth  CDA-CH V2 2017	
<code>└ h17:maritalStatusCode</code>	<code>CE</code>	<code>0 ... 1</code>		The patient's marital status.	CDA-CH V2
				hl7chcda-dataelement-186  maritalStatus  CDA-CH V2 2017	
<code>└ @code</code>	<code>cs</code>	<code>1 ... 1</code>	<code>R</code>		

<code>└ @codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.1.11.12212
<code>└ @codeSystemName</code>	st	1 ... 1	F	HL7 MaritalStatus
<code>└ @displayName</code>	st	1 ... 1	R	
<code>CONF</code>		The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC)		
<code>└ h17:translation</code>		0 ... *		A translation of the code to another coding system
<code>└ @code</code>	cs	1 ... 1	R	
<code>└ @codeSystem</code>	oid	1 ... 1	R	
<code>└ @codeSystemName</code>	st	1 ... 1	R	
<code>└ @displayName</code>	st	1 ... 1	R	
<code>└ h17:religiousAffiliationCode</code>	<b>CE</b>	<b>0 ... 1</b>		The patient's religion.
		 hl7chcda-dataelement-184	 religion	 CDA-CH V2 2017
<code>└ @nullFlavor</code>	cs	0 ... 1	F	NAV
<code>└ @code</code>	cs	0 ... 1		
<code>└ @codeSystem</code>	oid	0 ... 1		
<code>└ @codeSystemName</code>	st	0 ... 1		
<code>└ @displayName</code>	st	0 ... 1		
<i>Included</i>		<b>0 ... 1</b>	<b>C</b>	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured infor-

				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
└ hl7:originalText	ED	0 ... 1	C			CDA-CH V2
└ hl7:reference	TEL	1 ... 1	M		The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		1 ... 1	R		Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
			role	error		
	Schematron assert		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,'#')		
			role	error		
	Schematron assert		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"/>').		
			role	error		
	Schematron assert		test	parent::*/text()=ancestor::hl7:structuredBody//*[@@ID=\$idvalue]/text()		
			Message	The originalText content MUST be identical to the narrative text for this reference.		
			role	error		
	Schematron assert		test	(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)		
			Message	Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.		
└ hl7:guardian		0 ... *		The patient's guardian.		CDA-CH V2

<code>└ h17:id</code>	<code>II</code>	<code>0 ... *</code>	The guardian's id.	CDA-CH V2
<code>└ @root</code>	<code>uid</code>	<code>1 ... 1</code>	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.
<code>└ @extension</code>	<code>st</code>	<code>0 ... 1</code>		The id itself. It MUST be unique within the issuing system.
<code>└ h17:code</code>	<code>CE</code>	<code>0 ... 1</code>	The guardian's role.	CDA-CH V2
<code>└ @nullFlavor</code>	<code>CS</code>	<code>0 ... 1</code>		
<code>└ @code</code>	<code>CS</code>	<code>0 ... 1</code>		
<code>└ @codeSystem</code>	<code>OID</code>	<code>0 ... 1</code>	F	2.16.840.1.113883.5.111
<code>└ @codeSystemName</code>	<code>ST</code>	<code>0 ... 1</code>	F	HL7RoleCode
<code>└ @displayName</code>	<code>ST</code>	<code>0 ... 1</code>		
		<code>role</code>	<span style="color: red;">●</span> error	
		<code>test</code>	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
		<code>Message</code>	Either nullFlavor or a valid code is required.	
<code>└ h17:addr</code>	<code>AD</code>	<code>0 ... *</code>	The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2
<span style="color: orange;">⌚</span> h17chcda-dataelement-47 <span style="color: yellow;">📍</span> addressInformation <span style="color: yellow;">🕒</span> CDA-CH V2 2017				
<code>└ h17:telecom</code>	<code>TEL</code>	<code>0 ... *</code>	The guardian's means of communication (phone, eMail, ...).	CDA-CH V2
<i>Choice</i>		<code>1 ... 1</code>	Elements to choose from:	
			<ul style="list-style-type: none"> <li>▪ h17:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 Person Na-</li> </ul>	

				<i>me Information Compilation - eCH-0011 (DYNAMIC)</i>
				▪ hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>
└ hl7:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>
└ hl7:guardianOrganization				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>
└ hl7:birthplace		0 ... 1		The patient's birthplace.
		© hl7chcda-dataelement-182	● placeOfBirth	● CDA-CH V2 2017
└ hl7:place		1 ... 1		
└ hl7:name	EN	0 ... 1		The patient's birthplace name.
└ hl7:addr	AD	1 ... 1	R	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>
└ hl7:languageCommunication		0 ... *		The patient's language skills.
└ hl7:languageCode	CS	1 ... 1		
		© hl7chcda-dataelement-164	● languageOfCorrespondance	● CDA-CH V2 2017
		CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage (DYNAMIC)</i>	
└ hl7:modeCode	CE	0 ... 1		
		CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbility-</i>	

Mode (DYNAMIC)					
└ h17:proficiencyLevelCode	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbility-Proficiency</i> (DYNAMIC)			
└ h17:preferenceInd	BL	0 ... 1	In case of @value=true it is the patient's correspondence language.		CDA-CH V2
└ h17:providerOrganization		0 ... 1	The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)		
Included		1 ... *	M	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)	
└ h17:author		1 ... *	M	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	
<span style="color: orange;">⌚</span> cdachemed-dataelement-2 <span style="color: yellow;">🟡</span> Autorin/Autor <span style="color: yellow;">🟡</span> Dataset 1					
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23	
└ h17: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 <i>ParticipationFunction</i> (DYNAMIC)			
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.	CDA-CH V2
└ h17:assignedAuthor		1 ... 1	R		CDA-CH V2
	Schematron assert	role	<span style="color: red;">🔴</span> error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		

			<b>Message</b>	For device authors the element representedOrganization is REQUIRED.										
└ h17:id	II	1 ... 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2									
				<span style="color: orange;">◎</span> cdachemed-dataelement-7 <span style="color: yellow;">●</span> Identifier <span style="color: yellow;">●</span> Dataset 1 hl7chcda-dataelement-233 <span style="color: yellow;">●</span> Identifier <span style="color: yellow;">●</span> CDA-CH V2 2017 hl7chcda-dataelement-162 <span style="color: yellow;">●</span> personIdentification <span style="color: yellow;">●</span> CDA-CH V2 2017										
└ @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.  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"><span style="color: red;">●</span> role</td> <td style="width: 80%;">error</td> </tr> <tr> <td>Schematron assert</td> <td>test</td> <td>(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')</td> </tr> <tr> <td></td> <td>Message</td> <td>Either the GS1 GLN or nullFlavor='NAV' is REQUIRED</td> </tr> </table>		<span style="color: red;">●</span> role	error	Schematron assert	test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	
	<span style="color: red;">●</span> role	error												
Schematron assert	test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')												
	Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED												
└ h17:id	II	0 ... *		Other ids are allowed.	CDA-CH V2									
				<span style="color: orange;">◎</span> hl7chcda-dataelement-162 <span style="color: yellow;">●</span> personIdentification <span style="color: yellow;">●</span> CDA-CH V2 2017										
└ @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.										
└ h17:addr	AD	0 ... *		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2									

	└ h17:telecom	TEL	0 ... *	The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice			1 ... 1	Elements to choose from:	
				<ul style="list-style-type: none"> <li>▪ h17:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)</li> <li>▪ h17:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)</li> </ul>	
	└ h17:assignedPerson		0 ... 1	The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
		cdachemed-dataelement-3		<span style="color: orange;">●</span> Name <span style="color: yellow;">●</span> Dataset 1	
		cdachemed-dataelement-6		<span style="color: orange;">●</span> First names <span style="color: yellow;">●</span> Dataset 1	
	└ h17:assignedAuthoringDevice		0 ... 1	The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2
	└ h17:representedOrganization		0 ... 1	The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
		cdachemed-dataelement-8		<span style="color: orange;">●</span> Health facility <span style="color: yellow;">●</span> Dataset 1	
		h17chcda-dataelement-234		<span style="color: orange;">●</span> Health facility <span style="color: yellow;">●</span> CDA-CH V2 2017	
Included			0 ... 1	from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)	
	└ h17: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
	└ h17:templateId	II	1 ... 1	M	CDA-CH V2
	└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.7

	<code>└ hl7:time</code>	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2
	<code>└ hl7:assignedEntity</code>		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>			0 ... *		from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)	
	<code>└ hl7:informant</code>		0 ... *			CDA-CH V2
	<code>└ @typeCode</code>		0 ... 1	F	INF	
	<code>└ @contextControlCode</code>		0 ... 1	F	OP	
					Elements to choose from:	
<i>Choice</i>			1 ... 1		<ul style="list-style-type: none"> <li>▪ hl7:assignedEntity containing template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)</li> <li>▪ hl7:relatedEntity containing template 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)</li> </ul>	
	<code>└ hl7:assignedEntity</code>				Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2
	<code>└ hl7:relatedEntity</code>				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>			1 ... 1	R	from 2.16.756.5.30.1.1.10.2.3 <i>Custodian</i> (DYNAMIC)	
	<code>└ hl7:custodian</code>		1 ... 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
	<code>└ hl7:templateId</code>	II	1 ... 1	M		CDA-CH V2
	<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.3	
	<code>└ hl7:assignedCustodian</code>		1 ... 1	R		CDA-CH V2
	<code>└ hl7:representedCustodianOrganization</code>		1 ... 1	R		CDA-CH V2

<code>└ h17:id</code>	II	1 ... *	M	The custodian's id.	CDA-CH V2
<code>└ @root</code>	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.	
<code>└ @extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
<code>└ h17:name</code>	ON	1 ... 1	R	The custodian's name.	CDA-CH V2
				<span style="color: orange;">⌚</span> h17chcda-dataelement-73 <span style="color: yellow;">🟡</span> organisationName <span style="color: yellow;">🟡</span> CDA-CH V2 2017	
<code>└ h17:telecom</code>	TEL	0 ... 1		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
<code>└ h17:addr</code>	AD	0 ... 1		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
				<span style="color: orange;">⌚</span> h17chcda-dataelement-77 <span style="color: yellow;">🟡</span> addressInformation <span style="color: yellow;">🟡</span> CDA-CH V2 2017	
<i>Included</i>					
		1 ... *	M	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient (DYNAMIC)</i>	
<code>└ h17:informationRecipient</code>		1 ... *	M	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization).  <b>Recipient types:</b> <ul style="list-style-type: none"> <li>▪ The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient).            Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.</li> <li>▪ Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient)'.</li> </ul>	CDA-CH V2
<code>└ @typeCode</code>	cs	0 ... 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present.	

Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).  
 Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.

CONF					The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 x _Information-Recipient (DYNAMIC)
└ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4	
└ hl7:intendedRecipient		1 ... 1	R		CDA-CH V2
└ hl7:id	II	0 ... *	R	The recipient's identification(s).	CDA-CH V2
<span style="color: orange;">⌚</span> hl7chcda-dataelement-238 <span style="color: yellow;">🟡</span> Identifier <span style="color: yellow;">🟡</span> CDA-CH V2 2017					
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:addr	AD	0 ... *		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2
<span style="color: orange;">⌚</span> hl7chcda-dataelement-47 <span style="color: yellow;">🟡</span> addressInformation <span style="color: yellow;">🟡</span> CDA-CH V2 2017					
└ hl7:telecom	TEL	0 ... *		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:informationRecipient		0 ... 1		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)	CDA-CH V2

<code>└ hl7:receivedOrganization</code>		<b>0 ... 1</b>		The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
			hl7chcda-dataelement-239	Health facility	CDA-CH V2 2017
<i>Included</i>					
<code>└ hl7:legalAuthenticator</code>		<b>0 ... 1</b>		from 2.16.756.5.30.1.1.10.2.5 <i>Legal Authenticator (DYNAMIC)</i>	
<code>└ hl7:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>	Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.5	
<code>└ hl7:time</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	Timestamp of the signature.	CDA-CH V2
<code>└ hl7:signatureCode</code>	<b>CS</b>	<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
<code>└ @code</code>	cs	<b>1 ... 1</b>	F	S	
<code>└ @codeSystem</code>	oid	0	NP	NP/not present	
<code>└ @codeSystemName</code>	st	0	NP	NP/not present	
<code>└ @displayName</code>	st	0	NP	NP/not present	
	<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature (DYNAMIC)</i>			
<code>└ hl7:assignedEntity</code>		<b>1 ... 1</b>	<b>R</b>	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id (DYNAMIC)</i>	CDA-CH V2
<i>Included</i>					
<code>└ hl7:authenticator</code>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.6 <i>Authenticator (DYNAMIC)</i>	
<code>└ hl7:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>	Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
					CDA-CH

					V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.6	
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
└ h17:signatureCode	CS	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	F	S	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)			
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>					
└ h17:participant		0 ... *		from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)	
└ @typeCode	cs	1 ... 1	F	IND	
└ h17:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model of Employer.	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.40	
└ h17:templateId		1 ... *	M	CH-PCC ART-DECOR model of IHE PCC Employer and School Contacts.	CDA-CH V2
└ @root	cs	1 ... 1	F	2.16.756.5.30.1.1.10.2.41	

<code>└ hl7:templateId</code>	II	1 ... 1	M	IHE PCC Employer and School Contacts.	CDA-CH V2
<code>└ @root</code>	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.2	
<code>└ hl7:time</code>	<b>IVL_TS.CH.TZ</b>	<b>0 ... 1</b>		Validity period of contract.	CDA-CH V2
<code>└ hl7:low</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	Start of the contract.	CDA-CH V2
<code>└ hl7:high</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	End of the contract.	CDA-CH V2
<code>└ hl7:associatedEntity</code>		<b>1 ... 1</b>	R		CDA-CH V2
<code>└ @classCode</code>	CS	1 ... 1	F	CON	
<code>└ hl7:id</code>	II	<b>0 ... 1</b>	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
<code>└ @root</code>	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.	
<code>└ @extension</code>	st	<b>0 ... 1</b>		The id itself. It MUST be unique within the issuing system.	
<code>└ hl7:code</code>	<b>CE</b>	<b>1 ... 1</b>	R		CDA-CH V2
<code>└ @code</code>	CS	1 ... 1	R		
<code>└ @codeSystem</code>	oid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.3	
<code>└ @codeSystemName</code>	st	1 ... 1	F	IHERoleCode	
<code>└ @displayName</code>	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.77 IHERoleCode Employer and School Contacts (DYNAMIC)			

<code>└ h17:associatedPerson</code>		<b>0 ... 1</b>	Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
<code>└ h17:scopingOrganization</code>		<b>1 ... 1</b>	The employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		<b>0 ... *</b>	from 2.16.756.5.30.1.1.10.2.15 <i>Insurance - participant</i> (DYNAMIC)	
<code>└ h17:participant</code>		<b>0 ... *</b>	Information on a patient's insurance.	CDA-CH V2
<code>└ @typeCode</code>	cs	<b>1 ... 1</b>	F	COV
<code>└ h17:templateId</code>	II	<b>1 ... 1</b>	M	CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.15
<code>└ h17:time</code>	IVL_TS.CH.TZ	<b>0 ... 1</b>		Validity period of the contract.
<code>└ h17:low</code>	TS.CH.TZ	<b>1 ... 1</b>	R	Start of the contract.
<code>└ h17:high</code>	TS.CH.TZ	<b>1 ... 1</b>	R	End of the contract.
<code>└ h17:associatedEntity</code>		<b>1 ... 1</b>	R	CDA-CH V2
<code>└ @classCode</code>	cs	<b>1 ... 1</b>	F	PAYOR
<code>└ h17:id</code>	II	<b>1 ... 1</b>	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré). CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1</b>	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.
<code>└ @extension</code>	st	<b>0 ... 1</b>		The id itself. It MUST be unique within the issuing system.

<code>└ h17:code</code>	<b>CE</b>	<b>1 ... 1</b>	<b>R</b>	The underlying law for the contract.	CDA-CH V2
└ <code>@nullFlavor</code>	cs	<b>0 ... 1</b>	F	NAV	
└ <code>@code</code>	cs	<b>0 ... 1</b>		832.10, 832.20, 221.229.1, 833.1, 831.20	
└ <code>@codeSystem</code>	oid	<b>0 ... 1</b>	F	2.16.756.5.30.2.1.1.11	
└ <code>@codeSystemName</code>	st	<b>0 ... 1</b>	F	ins-laws	
└ <code>@displayName</code>	st	<b>0 ... 1</b>		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.	
└ <code>h17:associatedPerson</code>		<b>0 ... 1</b>		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
└ <code>h17:scopingOrganization</code>		<b>1 ... 1</b>		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 <i>Organization Compilation with GLN, name, addr and telecom</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)	
└ <code>h17:participant</code>		<b>0 ... *</b>		Information on a patient's insurance card.	CDA-CH V2
└ <code>@typeCode</code>	cs	<b>1 ... 1</b>	F	HLD	
└ <code>h17:templateId</code>	II	<b>1 ... 1</b>	M		CDA-CH V2
└ <code>@root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.14	

<b>L</b> <code>hl7:time</code>	<code>IVL_TS.CH.TZ</code>	<b>1 ... 1</b>	<b>R</b>	Validity period of the insurance card.	CDA-CH V2
<b>L</b> <code>hl7:low</code>	<code>TS.CH.TZ</code>	<b>1 ... 1</b>			CDA-CH V2
<b>L</b> <code>@nullFlavor</code>	<code>CS</code>	<b>1 ... 1</b>	<b>F</b>	NASK	
<b>L</b> <code>hl7:high</code>	<code>TS.CH.TZ</code>	<b>1 ... 1</b>	<b>R</b>	Expiration date of the insurance card.	CDA-CH V2
<b>L</b> <code>hl7:associatedEntity</code>		<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
<b>L</b> <code>@classCode</code>	<code>CS</code>	<b>1 ... 1</b>	<b>F</b>	POLHOLD	
<b>L</b> <code>hl7:id</code>	<code>II</code>	<b>1 ... 1</b>	<b>R</b>	The insurance card's id.	CDA-CH V2
<b>L</b> <code>@root</code>	<code>uid</code>	<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.123.100.1.1.1	
<b>L</b> <code>@extension</code>	<code>ST</code>	<b>1 ... 1</b>	<b>R</b>	Number of the insurance card.	
<b>L</b> <code>hl7:associatedPerson</code>		<b>0 ... 1</b>		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
<b>L</b> <code>hl7:scopingOrganization</code>		<b>0 ... 1</b>		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.43 <i>Patient Contact - participant (DYNAMIC)</i>	
<b>L</b> <code>hl7:participant</code>		<b>0 ... *</b>		Information on a patient contact.	CDA-CH V2
<b>L</b> <code>@typeCode</code>	<code>CS</code>	<b>1 ... 1</b>	<b>F</b>	IND	
<b>L</b> <code>hl7:templateId</code>	<code>II</code>	<b>1 ... 1</b>	<b>M</b>		CDA-CH V2
<b>L</b> <code>@root</code>	<code>uid</code>	<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.1.10.2.43	

<code>└ h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
<code>└ @root</code>	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
<code>└ h17:time</code>	<b>IVL_TS.CH.TZ</b>	<b>0 ... 1</b>		Validity period of the participation.	CDA-CH V2
<code>└ h17:low</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	Start of participation.	CDA-CH V2
<code>└ h17:high</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	End of participation.	CDA-CH V2
<code>└ h17:associatedEntity</code>		<b>1 ... 1</b>	R	Either the contact person or the contact's organization SHALL be present.	CDA-CH V2
<code>└ @classCode</code>	cs	1 ... 1	R	The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
<code>└ h17:code</code>	<b>CE</b>	<b>1 ... 1</b>	R	The contact's role.	CDA-CH V2
<code>└ @nullFlavor</code>	cs	<b>0 ... 1</b>			
<code>└ @code</code>	cs	<b>0 ... 1</b>			
<code>└ @codeSystem</code>	oid	<b>0 ... 1</b>	F	2.16.840.1.113883.5.111	
<code>└ @codeSystemName</code>	st	<b>0 ... 1</b>	F	HL7RoleCode	
<code>└ @displayName</code>	st	<b>0 ... 1</b>			
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.	
└ h17:addr	AD	0 ... *		The contact's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
⌚ h17chcda-dataelement-47		addressInformation	🟡 CDA-CH V2 2017		
└ h17:telecom	TEL	0 ... *		The contact's means of communication (phone, eMail, ...).	CDA-CH V2
└ h17:associatedPerson		0 ... 1	C	The contact person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
└ h17:scopingOrganization		0 ... 1	C	The contact's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
Schematron assert	role	🔴 error			
	test	@classCode=('AGNT','CAREGIVER','ECON','NOK','PRS')			
	Message	The classCode attribute shall be present, and contains a value from the set AGNT, CAREGIVER, ECON, NOK, or PRS to identify contacts that are agents of the patient, care givers, emergency contacts, next of kin, or other relations respectively.			
	0 ... *	from 2.16.756.5.30.1.1.10.2.16 <i>Order Reference - inFulfillmentOf (DYNAMIC)</i>			
└ h17: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
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16	
└ h17:order		1 ... 1	R		CDA-CH V2
└ h17:id	II	1 ... *	R	Order number.	CDA-CH V2

<code>└ @root</code>	uid	1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
<code>└ @extension</code>	st	0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)	
<code>  └ h17:documentationOf</code>		0 ... *		Information about a health service describing the context of this CDA document.	CDA-CH V2
<code>  └ @typeCode</code>	cs	1 ... 1	F	DOC	
<code>  └ h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
<code>  └ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46	
<code>  └ h17:serviceEvent</code>		1 ... 1	R		CDA-CH V2
<code>  └ @classCode</code>	cs	1 ... 1	F	ACT	
<code>  └ @moodCode</code>	cs	1 ... 1	F	EVN	
<code>  └ h17:id</code>	II	0 ... *		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
<code>  └ @root</code>	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.	
<code>  └ @extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
<code>  └ h17:code</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
<code>  └ @nullFlavor</code>	st	1 ... 1	F	NAV	
<code>  └ @code</code>	cs	0	NP	NP/not present	

<code>└ @codeSystem</code>	oid	0	NP	NP/not present	
<code>└ @codeSystemName</code>	st	0	NP	NP/not present	
<code>└ @displayName</code>	st	0	NP	NP/not present	
<code>    └ h17:translation</code>		<b>0 ... *</b>		A translation of the code to another coding system.	CDA-CH V2
<code>        └ @code</code>	cs	<b>1 ... 1</b>	R		
<code>        └ @codeSystem</code>	oid	<b>1 ... 1</b>	R		
<code>        └ @codeSystemName</code>	st	<b>1 ... 1</b>	R		
<code>        └ @displayName</code>	st	<b>1 ... 1</b>	R		
<code>    └ h17:effectiveTime</code>	<b>IVL_TS.CH.TZ</b>	<b>1 ... 1</b>	R	Duration of the health service.	CDA-CH V2
<code>        └ h17:low</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	Start of the health service.	CDA-CH V2
<code>        └ h17:high</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	End of the health service.	CDA-CH V2
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.9.31 <i>Performer (DYNAMIC)</i>	
<code>    └ h17:performer</code>		<b>0 ... *</b>		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
<code>        └ @typeCode</code>	cs	<b>1 ... 1</b>	F	PRF	
<code>        └ h17:templateId</code>	<b>II</b>	<b>1 ... 1</b>	M		CDA-CH V2
<code>        └ @root</code>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.9.31	
<code>        └ h17:templateId</code>		<b>1 ... 1</b>	R		CDA-CH V2

@root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
h17:templateId		1 ... 1	R		CDA-CH V2
@root	uid	1 ... 1	F	2.16.840.1.113883.10.12.323	
h17:time	IVL_TS.CH.TZ	0 ... 1		Duration of the performance.	CDA-CH V2
h17:low	TS.CH.TZ	1 ... 1	R	Start of the performance.	CDA-CH V2
h17:high	TS.CH.TZ	1 ... 1	R	End of the performance.	CDA-CH V2
h17: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 2.16.756.5.30.1.1.10.2.13 Document Replacement - relatedDocument (DYNAMIC)	
h17:relatedDocument		0 ... *		<p>Relationship to another CDA-CH V2 based document that is replaced by the current one.</p> <p><b>Notes:</b> 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/mark as deleted/deprecated) and all values in the new document MUST be marked as valid:</p> <ul style="list-style-type: none"> <li>▪ Values that were only contained in the previous document have to be treated as deleted.</li> </ul>	CDA-CH V2

					<ul style="list-style-type: none"> <li>Values that are present in both documents are overwritten with the contents of the new document.</li> <li>Values that are only contained in the new document are to be added.</li> </ul>	
└ @typeCode	cs	1 ... 1	F	RPLC	Indicates that it is a relationship to another document that needs to be replaced.	
└ h17:templateId	II	1 ... 1	M			CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.13		
└ h17:parentDocument		1 ... 1	R	Relationship to the document that needs to be replaced.		CDA-CH V2
└ h17: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		
└ h17: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		1 ... 1	M	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	
└ h17: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			
<i>Included</i>					
└ h17:authorization	0 ... *				from 2.16.840.1.113883.10.12.114 CDA Authorization (DYNAMIC)
└ @typeCode	0 ... *				CDA-CH V2
└ h17:consent	0 ... 1	F	AUTH		CDA-CH V2
└ @classCode	0 ... 1	F	CONS		
└ @moodCode	0 ... 1	F	EVN		
└ h17:id	II	0 ... *			CDA-CH V2
└ h17:code	CE	0 ... 1			CDA-CH V2
	CONF	shall be drawn from concept domain "ActCode"			
└ h17:statusCode	CS	1 ... 1	R		CDA-CH V2
└ @code	CONF	0 ... 1	F	completed	
<i>Included</i>					
└ h17:componentOf	0 ... 1				from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)
└ @typeCode	0 ... 1				CDA-CH V2
└ h17:encompassingEncounter	1 ... 1				CDA-CH V2

<code>└ @classCode</code>		<code>0 ... 1</code>	F	ENC	
<code>└ @moodCode</code>		<code>0 ... 1</code>	F	EVN	
<code>└ h17:id</code>	II	<code>0 ... *</code>			CDA-CH V2
<code>└ h17:code</code>	CE	<code>0 ... 1</code>			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 <i>ActEncounter-Code</i> (DYNAMIC)			
<code>└ h17:effectiveTime</code>	IVL_TS	<code>1 ... 1</code>	R		CDA-CH V2
<code>└ h17:dischargeDispositionCode</code>	CE	<code>0 ... 1</code>			CDA-CH V2
	CONF	shall be drawn from concept domain "EncounterDischargeDisposition"			
<code>└ h17:responsibleParty</code>		<code>0 ... 1</code>		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
<code>└ @typeCode</code>		<code>0 ... 1</code>	F	RESP	
<code>└ h17:encounterParticipant</code>		<code>0 ... *</code>			CDA-CH V2
<code>└ @typeCode</code>	CS	<code>1 ... 1</code>	R		
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19600 <i>x_Encounter-Participant</i> (DYNAMIC)			
<code>└ h17:time</code>	IVL_TS	<code>0 ... 1</code>			CDA-CH V2
<code>└ h17:assignedEntity</code>		<code>1 ... 1</code>		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
<code>└ h17:location</code>		<code>0 ... 1</code>			CDA-CH V2

<code>└ @typeCode</code>		<b>0 ... 1</b>	F	LOC	
<code>  └ hl7:healthCareFacility</code>		<b>1 ... 1</b>			CDA-CH V2
<code>  └ @classCode</code>		<b>0 ... 1</b>	F	SDLOC	
<code>  └ hl7:id</code>	II	<b>0 ... *</b>			CDA-CH V2
<code>  └ hl7:code</code>	CE	<b>0 ... 1</b>			CDA-CH V2
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocationRoleType</i> (DYNAMIC)	
<code>  └ hl7:location</code>		<b>0 ... 1</b>		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)	CDA-CH V2
<code>  └ hl7:serviceProviderOrganization</code>		<b>0 ... 1</b>		Contains 2.16.840.1.113883.10.12.151 <i>CDA Organization</i> (DYNAMIC)	CDA-CH V2
<code>  └ hl7:component</code>		<b>1 ... 1</b>	R		(CDA...ody)
<code>  └ hl7:nonXMLBody</code>		<b>1 ... 1</b>	R		(CDA...ody)
<code>  └ hl7:text</code>	ED	<b>1 ... 1</b>	R		(CDA...ody)
	Schematron assert	role	<span style="color: orange;">●</span> warning	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.	
		test	not(/hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])		
		Message			
	Schematron report	role	<span style="color: orange;">●</span> warning	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.	
		test	//hl7:id[@root='(2.16.756.5.31', '2.16.756.5.32)']/parent::hl7:patientRole		
		Message			
	Schematron assert	role	<span style="color: red;">●</span> error		

	test	not(/hl7:id[@root='('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/...[not(hl7:patientRole)])
	Message	Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.

### 7.3.2 CDA Header Level Templates

Die nachfolgenden CDA Header Level Templates werden in der Reihenfolge aufgelistet, wie sie von HL7 CDA R2 (2005) resp. in dem davon abgeleiteten XML Schema (POCD\_MT000040.xsd) im CDA Dokument erwartet werden. Da es allerdings nicht für jedes Element im CDA Header auch tatsächlich ein Template in CDA-CH gibt resp. es für einzelne Elemente im CDA Header mehrere Templates gibt, hier die entsprechende Reihenfolge der CDA Header Elemente:

1. realmCode: siehe Document\_Realm
2. typeId: Vom HL7 CDA R2 (2005) Standard vorgegebener, fixer Wert. Deshalb kein CDA-CH Template.
3. templateId: siehe Document\_Template\_Ids\_CDA-CH\_V2
4. id: siehe Document\_Id
5. code: siehe Document\_Code
6. title: Wird von den, von CDA-CH abgeleiteten Austauschformaten definiert. Deshalb kein CDA-CH Template.
7. effectiveTime: Einzelter Wert, der das Ausgabedatum des jeweiligen CDA Dokuments enthält. Deshalb kein CDA-CH Template.
8. confidentialityCode: siehe Document\_Confidentiality\_Code
9. languageCode: siehe Document\_Language
10. setId: siehe Document\_Set\_Id\_and\_Version\_Number
11. versionNumber: siehe Document\_Set\_Id\_and\_Version\_Number
12. recordTarget: siehe Patient\_-\_recordTarget
13. author: siehe Author\_2
14. dataEnterer: siehe Data\_Enterer
15. informant: siehe CDA\_Informant
16. custodian: siehe Custodian

17. informationRecipient: siehe Recipient\_-\_informationRecipient
18. legalAuthenticator: siehe Legal\_Authenticator
19. authenticator: siehe Authenticator
20. participant: siehe Employer\_-\_participant, Insurance\_-\_participant, Insurance\_Card\_-\_participant
21. inFulfillmentOf: siehe Order\_Reference\_-\_inFulfillmentOf
22. documentationOf: siehe Health\_Service\_-\_documentationOf
23. relatedDocument: siehe Document\_Replacement\_-\_relatedDocument
24. authorization: siehe CDA\_Authorization
25. componentOf: siehe CDA\_componentOf

### 7.3.2.1 Document Realm

<b>Id</b>	2.16.756.5.30.1.1.10.2.25	<small>ref <a href="#">hl7chcda-</a></small>	<b>Effective Date</b>	2018-04-18	
<b>Status</b>	Active		<b>Version Label</b>	2017	
<b>Name</b>	cdach_header_DocumentRealm		<b>Display Name</b>	Document Realm	
<b>Description</b>	Swiss Realm (CHE) of HL7 CDA. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.				
<b>Label</b>	CDA-CH V2				
<b>Classification</b>	CDA Header Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Example</b>	<b>Example</b> <pre>&lt;realmCode code="CHE"/&gt;</pre>				
Item	DT	Card	Conf	Description	Label
h17:realmCode	CS	1 ... 1	M	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└ @code	CONF	1 ... 1	F	CHE	

### 7.3.2.2 Document Template Ids CDA-CH v2.0 - nonXMLBody

<b>Id</b>	2.16.756.5.30.1.1.10.2.47	<b>Effective Date</b>	2018-04-18		
<b>Status</b>	Active	<b>Version Label</b>	2017		
<b>Name</b>	cdach_header_DocumentTemplateIdsCdaChv2.0-nonXmlBody	<b>Display Name</b>	Document Template Ids CDA-CH v2.0 - nonXMLBody		
<b>Description</b>					
CDA-CH V2 bases on HL7 CDA R2 (2005) and - by using this template - require a non XML body for specific, not further described use cases. CDA-CH V2 derivatives, i.e. Swiss exchange formats SHOULDN'T use this template, as they better refer to the document level template requiring a structured body. These SHALL define further template ids in their own separate templates.					
<b>Label</b>	CDA-CH V2				
<b>Classification</b>	CDA Header Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Example</b>	<p><b>Example</b></p> <pre>&lt;!-- CDA-CH v2.0 specification (optional, but informative template id). --&gt; &lt;templateId root="2.16.756.5.30.1.1.1.1.4"/&gt; &lt;!-- CDA-CH v2.0 ART-DECOR model - nonXMLBody. --&gt; &lt;templateId root="2.16.756.5.30.1.1.10.1.12"/&gt; &lt;!-- HL7 CDA R2 (2005) having a nonXMLBody. --&gt; &lt;templateId root="2.16.840.1.113883.10.12.2"/&gt; &lt;!-- HL7 CDA R2 (2005). --&gt; &lt;templateId root="2.16.840.1.113883.10.12.1"/&gt;</pre>				
Item	DT	Card	Conf	Description	Label
h17: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
h17:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model - nonXMLBody.	CDA-CH V2
└ @root		uid	1 ... 1	F	2.16.756.5.30.1.1.10.1.12
h17:templateId	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as nonXMLBody.	CDA-CH V2

@root	uid 1 ... 1 F	2.16.840.1.113883.10.12.3	
h17: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	

### 7.3.2.3 Document Template Ids CDA-CH v2.1 - structuredBody

<b>Id</b>	2.16.756.5.30.1.1.10.2.18 [ref <a href="#">hl7chcda-</a> ]	<b>Effective Date</b>	2019-10-17 15:21:50 Other versions this id:
<b>Status</b>	Draft	<b>Version Label</b>	2020
<b>Name</b>	cdach_header_DocumentTemplateIdsCdaChv2.0-structuredBody	<b>Display Name</b>	Document Template Ids CDA-CH v2.0 - structuredBody
<b>Description</b>			
CDA-CH V2 bases on HL7 CDA R2 (2005) and - by using this template - require a structured body. All CDA-CH V2 derivatives, i.e. Swiss exchange formats SHALL reference this template. These SHALL define further template ids in their own separate templates.			
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Example</b>	<p><b>Example</b></p> <pre>&lt;!-- CDA-CH v2.0 specification (optional, but informative template id). --&gt; &lt;templateId root="2.16.756.5.30.1.1.1.1.4"/&gt; &lt;!-- CDA-CH v2.0 structuredBody. --&gt; &lt;templateId root="2.16.756.5.30.1.1.10.1.9"/&gt; &lt;!-- HL7 CDA R2 (2005) having a structuredBody. --&gt; &lt;templateId root="2.16.840.1.113883.10.12.2"/&gt; &lt;!-- HL7 CDA R2 (2005). --&gt; &lt;templateId root="2.16.840.1.113883.10.12.1"/&gt;</pre>		

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

#### 7.3.2.4 Document Id

<b>Id</b>	2.16.756.5.30.1.1.10.2.23	ref <a href="#">hl7chcda-</a>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	 Active		<b>Version Label</b>	2017
<b>Name</b>	cdach_header_DocumentId		<b>Display Name</b>	Document Id
<b>Description</b>	A unique identifier for each CDA document instance. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.			
<b>Label</b>	CDA-CH V2			
<b>Classification</b>	CDA Header Level Template			
<b>Open/Closed</b>	Open (other than defined elements are allowed)			
<b>Associated with</b>	Associated with 2 concepts			

	<b>Id</b>	<b>Name</b>	<b>Data Set</b>		
	cdachemed-dataelement-24	🟡 Identification number of the document	🟡 Dataset 1		
	hl7chcda-dataelement-217	🟡 Identification number of the document	🟡 CDA-CH V2 2017		
<b>Example</b>	<b>Example</b>				
	<id root="807563C2-5146-11D5-A672-00B0D022E945"/>				
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>	<b>Label</b>
h17:id	II	1 ... 1	M	A unique identifier for each CDA document instance.	CDA-CH V2
	<span style="color: orange;">⌚</span> cdachemed-dataelement-24    🟡 Identification number of the document <span style="color: orange;">⌚</span> hl7chcda-dataelement-217    🟡 Identification number of the document			🟡 Dataset 1    🟡 CDA-CH V2 2017	
└ @root	uid 1 ... 1 R			The document's id as Globally Unique Identifier (GUID).	
└ @extension	st 0    NP			NP/not present	

### 7.3.2.5 Document Code

<b>Id</b>	2.16.756.5.30.1.1.10.2.44 ref hl7chcda-	<b>Effective Date</b>	2019-09-12 15:24:11 Other versions this id: ▪ <input type="radio"/> cdach_header_DocumentCode as of 2018-04-18
<b>Status</b>	🟡 Draft	<b>Version Label</b>	2020
<b>Name</b>	cdach_header_DocumentCode	<b>Display Name</b>	Document Code
<b>Description</b>			

A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST specialise this template by precising the exact value of @code and its translation to the Swiss EPR XDS.b metadata.

<b>Label</b>	CDA-CH V2																																													
<b>Classification</b>	CDA Header Level Template																																													
<b>Open/Closed</b>	Open (other than defined elements are allowed)																																													
Associated with 1 concept																																														
<b>Associated with</b>	<b>Id</b>	<b>Name</b>	<b>Data Set</b>																																											
	hl7chcda-dataelement-218	Document type	CDA-CH V2 2017																																											
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.2.44 Document Code (2018-04-18) ref hl7chcda-																																													
<b>Example</b>	<b>CDA-CH EMED - Prescription</b> <pre>&lt;!-- IHE PHRAM PRE defines the document code --&gt; &lt;code code="57833-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Prescription for medication"&gt;   &lt;!-- Mapping to the Swiss EPR XDS.b metadata according to the Value-Set DocumentEntry.typeCode --&gt;   &lt;translation code="761938008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Medical Prescription record (record artifact)"/&gt; &lt;/code&gt;</pre>																																													
<table border="1"> <thead> <tr> <th>Item</th><th>DT</th><th>Card</th><th>Conf</th><th>Description</th><th>Label</th></tr> </thead> <tbody> <tr> <td>hl7:code</td><td>CE</td><td>1 ... 1</td><td>M</td><td>A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.</td><td>CDA-CH V2</td></tr> <tr> <td>  └ @code</td><td>cs</td><td>1 ... 1</td><td>R</td><td>The exact value of @code MUST be specified by the CDA-CH V2 derivative.</td><td></td></tr> <tr> <td>  └ @codeSystem</td><td>oid</td><td>1 ... 1</td><td>F</td><td>2.16.840.1.113883.6.1</td><td></td></tr> <tr> <td>  └ @codeSystemName</td><td>st</td><td>1 ... 1</td><td>F</td><td>LOINC</td><td></td></tr> <tr> <td>  └ @displayName</td><td>st</td><td>1 ... 1</td><td>R</td><td>The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.</td><td></td></tr> <tr> <td>    └ hl7:translation</td><td>CD</td><td>1 ... 1</td><td>R</td><td>A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.</td><td>CDA-CH V2</td></tr> </tbody> </table>					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.	CDA-CH V2	└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.		└ @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 be specified by the CDA-CH V2 derivative.		└ hl7:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
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.	CDA-CH V2																																									
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.																																										
└ @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 be specified by the CDA-CH V2 derivative.																																										
└ hl7:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2																																									

	hl7chcda-dataelement-218	Document type	CDA-CH V2 2017
└ @code	cs	1 ... 1 R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.
└ @codeSystem	oid	1 ... 1 R	
└ @codeSystemName	st	1 ... 1 R	
└ @displayName	st	1 ... 1 R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.
	CONF		The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>DocumentEntry.type-Code (DYNAMIC)</i>

### 7.3.2.6 Document Confidentiality Code

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:
Status	Draft		Version Label	cdach_header_DocumentConfidentiality-Code as of 2018-04-18
Name	cdach_header_DocumentConfidentialityCode	Display Name	2019	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)

<b>Label</b>	CDA-CH V2												
<b>Classification</b>	CDA Header Level Template												
<b>Open/Closed</b>	Open (other than defined elements are allowed)												
Associated with 2 concepts													
<b>Associated with</b>	<b>Id</b>	<b>Name</b>											
	cdachemed-dataelement-29	🟡 Confidentiality level											
<b>Relationship</b>	hl7chcda-dataelement-222	🟡 Confidentiality level											
	Version: template 2.16.756.5.30.1.1.10.2.19 <i>Document Confidentiality Code</i> (2018-04-18) <a href="#">ref hl7chcda-</a>												
<b>Example</b>	<b>Example</b> <pre>&lt;confidentialityCode code="17621005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Normal (qualifier value)"/&gt;</pre>												
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>	<b>Label</b>								
h17:confidentialityCode	CE (required)	1 ... 1 M		Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">🟡</td> <td>cdachemed-dataelement-29</td> <td>🟡 Confidentiality level</td> <td>🟡 Dataset 1</td> </tr> <tr> <td></td> <td>hl7chcda-dataelement-222</td> <td>🟡 Confidentiality level</td> <td>🟡 CDA-CH V2 2017</td> </tr> </table>						🟡	cdachemed-dataelement-29	🟡 Confidentiality level	🟡 Dataset 1		hl7chcda-dataelement-222	🟡 Confidentiality level	🟡 CDA-CH V2 2017
🟡	cdachemed-dataelement-29	🟡 Confidentiality level	🟡 Dataset 1										
	hl7chcda-dataelement-222	🟡 Confidentiality level	🟡 CDA-CH V2 2017										
└ @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 2.16.756.5.30.1.1.10.2.22 DocumentEntry.confidentialityCode (DYNAMIC)

### 7.3.2.7 Document Language

<b>Id</b>	2.16.756.5.30.1.1.10.2.22 ref hl7chcda-	<b>Effective Date</b>	2019-09-12 14:28:13 Other versions this id:
<b>Status</b>	Draft	<b>Version Label</b>	2020
<b>Name</b>	cdach_header_DocumentLanguage	<b>Display Name</b>	Document Language
<b>Description</b>	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.		
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Associated with 2 concepts</b>			
<b>Associated with</b>	<b>Id</b>	<b>Name</b>	<b>Data Set</b>
	cdachemed-dataelement-26	Language of the document	Dataset 1
	hl7chcda-dataelement-219	Language of the document	CDA-CH V2 2017
<b>Relationship</b>	Version: template 2.16.756.5.30.1.1.10.2.22 Document Language (2018-04-18) ref hl7chcda-		

Example	US-English <code>&lt;languageCode code="en-US"/&gt;</code>
Example	Swiss-German <code>&lt;languageCode code="de-CH"/&gt;</code>
Example	Swiss-French <code>&lt;languageCode code="fr-CH"/&gt;</code>
Example	Swiss-Italian <code>&lt;languageCode code="it-CH"/&gt;</code>

Item	DT	Card	Conf	Description	Label
h17:languageCode	CS	1 ... 1	M	The RFC5646 based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
				<span style="color: orange;">⌚</span> cdachemed-dataelement-26 <span style="color: yellow;">⌚</span> Language of the document <span style="color: green;">⌚</span> hl7chcda-dataelement-219 <span style="color: yellow;">⌚</span> Language of the document	<span style="color: yellow;">⌚</span> Dataset 1 <span style="color: green;">⌚</span> CDA-CH V2 2017
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 HumanLanguage (DYNAMIC)	

### 7.3.2.8 Document Set Id and Version Number

<b>Id</b>	2.16.756.5.30.1.1.10.2.20 [ref <a href="#">hl7chcda-</a> ]	<b>Effective Date</b>	2018-04-18
<b>Status</b>	<span style="color: green;">●</span> Active	<b>Version Label</b>	2017
<b>Name</b>	cdach_header_DocumentSetIdAndVersionNumber	<b>Display Name</b>	Document Set Id and Version Number
<b>Description</b>	Unity of document versions. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	CDA Header Level Template		

Open/Closed	Open (other than defined elements are allowed)																																							
Associated with	Associated with 2 concepts																																							
Associated with	<table border="1"> <thead> <tr> <th>Id</th><th>Name</th><th>Data Set</th></tr> </thead> <tbody> <tr> <td>cdachemed-dataelement-30</td><td>Version</td><td>Dataset 1</td></tr> <tr> <td>hl7chda-dataelement-223</td><td>Version</td><td>CDA-CH V2 2017</td></tr> </tbody> </table>					Id	Name	Data Set	cdachemed-dataelement-30	Version	Dataset 1	hl7chda-dataelement-223	Version	CDA-CH V2 2017																										
Id	Name	Data Set																																						
cdachemed-dataelement-30	Version	Dataset 1																																						
hl7chda-dataelement-223	Version	CDA-CH V2 2017																																						
Example	<p>Version 1</p> <pre>&lt;!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/id/@root="807563C2-5146-11D5-A672-00B0D022E945" (equal to setId) --&gt; &lt;setId root="807563C2-5146-11D5-A672-00B0D022E945"/&gt; &lt;versionNumber value="1"/&gt;</pre>																																							
Example	<p>Version 2</p> <pre>&lt;!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/id/@root="FD05DCA1-14A9-4AAE-B57E-6B28E621D853" (not equal to setId)--&gt; &lt;setId root="807563C2-5146-11D5-A672-00B0D022E945"/&gt; &lt;versionNumber value="2"/&gt;</pre>																																							
<table border="1"> <thead> <tr> <th>Item</th><th>DT</th><th>Card</th><th>Conf</th><th>Description</th><th>Label</th></tr> </thead> <tbody> <tr> <td><code>hl7:setId</code></td><td>II</td><td>1 ... 1</td><td>R</td><td>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.</td><td>CDA-CH V2</td></tr> <tr> <td>└ <code>@root</code></td><td>uid</td><td>1 ... 1</td><td>R</td><td>The root attribute MUST contain the setId as Globally Unique Identifier (GUID).</td><td></td></tr> <tr> <td>└ <code>@extension</code></td><td>st</td><td>0</td><td>NP</td><td>NP/not present</td><td></td></tr> <tr> <td colspan="2">           Schematron assert         </td><td>role</td><td>error</td><td colspan="2">           (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))))         </td></tr> <tr> <td colspan="2">           Message         </td><td>test</td><td></td><td colspan="2">           The setId MUST be equal with the document id for version 1 and it MUST differ         </td></tr> </tbody> </table>					Item	DT	Card	Conf	Description	Label	<code>hl7:setId</code>	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	└ <code>@root</code>	uid	1 ... 1	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).		└ <code>@extension</code>	st	0	NP	NP/not present		Schematron assert		role	error	(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		test		The setId MUST be equal with the document id for version 1 and it MUST differ	
Item	DT	Card	Conf	Description	Label																																			
<code>hl7:setId</code>	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																																			
└ <code>@root</code>	uid	1 ... 1	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).																																				
└ <code>@extension</code>	st	0	NP	NP/not present																																				
Schematron assert		role	error	(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		test		The setId MUST be equal with the document id for version 1 and it MUST differ																																				

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
		<span style="color: orange;">🕒</span> cdachemed-dataelement-30 <span style="color: green;">🕒</span> hl7chcda-dataelement-223	<span style="color: yellow;">🟡</span> Version <span style="color: yellow;">🟡</span> Version	<span style="color: yellow;">🟡</span> Dataset 1 <span style="color: yellow;">🟡</span> CDA-CH V2 2017	

### 7.3.2.9 Patient - recordTarget

Id	2.16.756.5.30.1.1.10.2.1	ref <a href="#">hl7chcda-</a>	Effective Date	2019-09-12 14:53:02	Other versions this id:
Status	<span style="color: yellow;">🟡</span> Draft		Version Label	2020	
Name	cdach_header_Patient		Display Name	Patient - recordTarget	
Description	A human patient for whom this CDA document instance was created. 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 2.16.756.5.30.1.1.10.2.1				
Label	CDA-CH V2				
Classification	CDA Header Level Template				
Open/Closed	Open (other than defined elements are allowed)				
	Associated with 17 concepts				
Associated with	<span style="color: black;">Id</span>	<span style="color: black;">Name</span>	<span style="color: black;">Data Set</span>		
	cdachemed-dataelement-12	<span style="color: yellow;">🟡</span> Gender			<span style="color: yellow;">🟡</span> Dataset 1
	cdachemed-dataelement-5	<span style="color: yellow;">🟡</span> Patient/Patientin			<span style="color: yellow;">🟡</span> Dataset 1
	cdachemed-dataelement-10	<span style="color: yellow;">🟡</span> Identification number			<span style="color: yellow;">🟡</span> Dataset 1

	ment-13		
	cdachemed-dataele- ment-11	● Date of birth	● Dataset 1
	cdachemed-dataele- ment-14	● Address (es)	● Dataset 1
	hl7chcda-dataelement-47	● addressInformation	● CDA-CH V2 2017
	hl7chcda-dataelement-227	● Gender	● CDA-CH V2 2017
	hl7chcda-dataelement-186	● maritalStatus	● CDA-CH V2 2017
	hl7chcda-dataelement-181	● dateOfBirth	● CDA-CH V2 2017
	hl7chcda-dataelement-164	● languageOfCorrespondence	● CDA-CH V2 2017
	hl7chcda-dataelement-162	● personIdentification	● CDA-CH V2 2017
	hl7chcda-dataelement-183	● sex	● CDA-CH V2 2017
	hl7chcda-dataelement-226	● Date of birth	● CDA-CH V2 2017
	hl7chcda-dataelement-182	● placeOfBirth	● CDA-CH V2 2017
	hl7chcda-dataelement-184	● religion	● CDA-CH V2 2017
	hl7chcda-dataelement-228	● Identification number	● CDA-CH V2 2017
	hl7chcda-dataelement-229	● Address (es)	● CDA-CH V2 2017
Uses 5 templates			
Uses	Uses	as	Name
	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)
	2.16.756.5.30.1.1.10.9.49	Include	● Original Text Reference (2017)
	2.16.756.5.30.1.1.10.9.24	Containment	● Organization Compilation with name (2017)
Relationship	2.16.756.5.30.1.1.10.9.30	Containment	● Organization Compilation with GLN and name (2017)
	Version: template 2.16.756.5.30.1.1.10.2.1 <i>Patient - recordTarget</i> (2018-04-18) ref <a href="#">hl7chcda-</a>		

	<p>Specialization: template 2.16.840.1.113883.10.12.101 CDA recordTarget (2005-09-07) [ ref ad1bbr- ]</p>
Example	<p>Sample patient</p> <pre>&lt;recordTarget&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.1"/&gt;   &lt;patientRole&gt;     &lt;id root="2.999" extension="898989"/&gt;     &lt;addr use="HP"&gt;       &lt;streetName&gt;Leidensweg&lt;/streetName&gt;       &lt;houseNumber&gt;10&lt;/houseNumber&gt;       &lt;postalCode&gt;9876&lt;/postalCode&gt;       &lt;city&gt;Specimendorf&lt;/city&gt;       &lt;country&gt;CH&lt;/country&gt;     &lt;/addr&gt;     &lt;telecom use="HP" value="tel:+41.32.685.12.34"/&gt;     &lt;telecom use="PUB" value="mailto:sesuna.tigrinja@sampledomain.ch"/&gt;     &lt;patient&gt;       &lt;name&gt;         &lt;given&gt;Sesuna&lt;/given&gt;         &lt;family&gt;Tigrinja&lt;/family&gt;       &lt;/name&gt;       &lt;administrativeGenderCode code="F" codeSystem="2.16.840.1.113883.5.1" codeSystemName="AdministrativeGender" displayName="Female"/&gt;       &lt;birthTime value="20000404"/&gt;     &lt;/patient&gt;     &lt;providerOrganization&gt;       &lt;id root="2.51.1.3" extension="760888888888"/&gt;       &lt;name&gt;Gruppenpraxis CH, Dr. med. Allzeit Bereit&lt;/name&gt;     &lt;/providerOrganization&gt;   &lt;/patientRole&gt; &lt;/recordTarget&gt;</pre>
Example	<p>Pseudonymizing with initials</p> <pre>&lt;recordTarget&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.1"/&gt;   &lt;patientRole&gt;     &lt;id nullFlavor="MSK"/&gt;     &lt;addr nullFlavor="MSK"/&gt;     &lt;telecom nullFlavor="MSK"/&gt;     &lt;patient&gt;       &lt;name nullFlavor="MSK"&gt;         &lt;family&gt;(only first letter)&lt;/family&gt;         &lt;given&gt;(only first letter)&lt;/given&gt;       &lt;/name&gt;       &lt;administrativeGenderCode nullFlavor="MSK"/&gt;       &lt;birthTime nullFlavor="MSK"/&gt;     &lt;/patient&gt;   &lt;/patientRole&gt; &lt;/recordTarget&gt;</pre>

Item	DT	Card	Conf	Description	Label
h17:recordTarget		1 ... 1	R	<p>A human patient for whom this CDA document instance was created.</p> <ul style="list-style-type: none"> <li>▪ <b>Target patient</b> The HL7 CDA R2 (2005) standard allows multiple patients. In order to ensure that the information in a CDA document is unambiguously assigned to one and only patient, a CDA-CH V2 based document MUST contain exactly one patient. Special cases: In exceptional cases (e.g., new-born twins, both having jaundice), multiple documents MUST be created (all of the same content, but each with a unique patient).</li> <li>▪ <b>Patient identifiers</b> Multiple ids (patient identification number) MAY be declared. If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of its data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification. The patient identification number MUST be grouped with the OID of its assigning system. The patient identification number MUST be unique within the system identified by the OID. The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid-info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc. OIDs that can't be found in a public OID registry are NOT ALLOWED.</li> <li>▪ <b>Pseudonymizing</b> In special cases, the demographic data of the patient are not allowed to be transmitted or they have to be pseudonymized. While HL7 CDA or its derivatives like CDA-CH or Swiss exchange formats nevertheless require these elements in the XML structure, the affected values MUST be replaced by a nullFlavor of type "MSK" (masked), in order to support the required data format structure and simultaneously to shield the real data.</li> </ul>	CDA-CH V2

└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
└ h17:patientRole		1 ... 1	R		CDA-CH V2
└ h17:id	II	1 ... *	R	The patient's id.	CDA-CH V2
<div style="background-color: #e0f2e0; padding: 10px;"> <span>⌚ cdachemed-dataelement-13</span> <span>🟡 Identification number</span> <span>🟡 Dataset 1</span>  <span>⌚ hl7chcda-dataelement-162</span> <span>🟡 personIdentification</span> <span>🟡 CDA-CH V2 2017</span>  <span>⌚ hl7chcda-dataelement-228</span> <span>🟡 Identification number</span> <span>🟡 CDA-CH V2 2017</span> </div>					
└ @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.	
└ h17:addr	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
<div style="background-color: #e0f2e0; padding: 10px;"> <span>⌚ cdachemed-dataelement-14</span> <span>🟡 Address (es)</span> <span>🟡 Dataset 1</span>  <span>⌚ hl7chcda-dataelement-47</span> <span>🟡 addressInformation</span> <span>🟡 CDA-CH V2 2017</span>  <span>⌚ hl7chcda-dataelement-229</span> <span>🟡 Address (es)</span> <span>🟡 CDA-CH V2 2017</span> </div>					
└ h17:telecom	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
└ h17:patient		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
<div style="background-color: #e0f2e0; padding: 10px;"> <span>⌚ cdachemed-dataelement-5</span> <span>🟡 Patient/Patientin</span> <span>🟡 Dataset 1</span> </div>					

<code>└ hl7:administrativeGenderCode</code>	<b>CE</b>	<b>1 ... 1</b>	<b>R</b>	The patient's gender	CDA-CH V2
				<span style="color: orange;">🕒</span> cdachemed-dataelement-12 <span style="color: yellow;">🕒</span> Gender <span style="color: yellow;">🕒</span> Dataset 1 hl7chcda-dataelement-227 <span style="color: yellow;">🕒</span> Gender <span style="color: yellow;">🕒</span> CDA-CH V2 2017 hl7chcda-dataelement-183 <span style="color: yellow;">🕒</span> sex <span style="color: yellow;">🕒</span> CDA-CH V2 2017	
<code>└ @code</code>	cs	<b>1 ... 1</b>	<b>R</b>		
<code>└ @codeSystem</code>	oid	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.5.1	
<code>└ @codeSystemName</code>	st	<b>1 ... 1</b>	<b>F</b>	HL7 AdministrativeGender	
<code>└ @displayName</code>	st	<b>1 ... 1</b>	<b>R</b>		
<code>└ hl7:birthTime</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	The patient's birthdate.	CDA-CH V2
				<span style="color: orange;">🕒</span> cdachemed-dataelement-11 <span style="color: yellow;">🕒</span> Date of birth <span style="color: yellow;">🕒</span> Dataset 1 hl7chcda-dataelement-181 <span style="color: yellow;">🕒</span> dateOfBirth <span style="color: yellow;">🕒</span> CDA-CH V2 2017 hl7chcda-dataelement-226 <span style="color: yellow;">🕒</span> Date of birth <span style="color: yellow;">🕒</span> CDA-CH V2 2017	
<code>└ hl7:maritalStatusCode</code>	<b>CE</b>	<b>0 ... 1</b>		The patient's marital status.	CDA-CH V2
				<span style="color: orange;">🕒</span> hl7chcda-dataelement-186 <span style="color: yellow;">🕒</span> maritalStatus <span style="color: yellow;">🕒</span> CDA-CH V2 2017	
<code>└ @code</code>	cs	<b>1 ... 1</b>	<b>R</b>		
<code>└ @codeSystem</code>	oid	<b>1 ... 1</b>	<b>F</b>	2.16.840.1.113883.1.11.12212	
<code>└ @codeSystemName</code>	st	<b>1 ... 1</b>	<b>F</b>	HL7 MaritalStatus	
<code>└ @displayName</code>	st	<b>1 ... 1</b>	<b>R</b>		

		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus (DYNAMIC)</i>		
<code>hl7:translation</code>		<b>0 ... *</b>	A translation of the code to another coding system		CDA-CH V2
<code>@code</code>	cs	<b>1 ... 1</b>	R		
<code>@codeSystem</code>	oid	<b>1 ... 1</b>	R		
<code>@codeSystemName</code>	st	<b>1 ... 1</b>	R		
<code>@displayName</code>	st	<b>1 ... 1</b>	R		
<code>hl7:religiousAffiliationCode</code>	<b>CE</b>	<b>0 ... 1</b>	The patient's religion.		CDA-CH V2
hl7chcda-dataelement-184  religion					
<code>@nullFlavor</code>	cs	<b>0 ... 1</b>	F	NAV	
<code>@code</code>	cs	<b>0 ... 1</b>			
<code>@codeSystem</code>	oid	<b>0 ... 1</b>			
<code>@codeSystemName</code>	st	<b>0 ... 1</b>			
<code>@displayName</code>	st	<b>0 ... 1</b>			
<i>Included</i> <b>0 ... 1 C</b> from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference (DYNAMIC)</i> 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.					
<code>hl7:originalText</code>	<b>ED</b>	<b>0 ... 1</b>	<b>C</b>		CDA-CH V2
<code>hl7:reference</code>	<b>TEL</b>	<b>1 ... 1</b>	<b>M</b>	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

<code>└ @value</code>		<b>1 ... 1</b>	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <code>&lt;content&gt;&lt;/content&gt;</code> 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 <code>&lt;content&gt;</code> 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 ' <code>&lt;value-of select="\$idvalue"/&gt;</code> ').	
	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	(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)		
	Message			Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.	
<code>└ h17:guardian</code>		<b>0 ... *</b>		The patient's guardian.	CDA-CH V2
<code>└ h17:id</code>	II	<b>0 ... *</b>		The guardian's id.	CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1</b>	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.	
<code>└ @extension</code>	st	<b>0 ... 1</b>		The id itself. It MUST be unique within the issuing system.	

<code>└ hl7:code</code>	<b>CE</b>	<b>0 ... 1</b>	The guardian's role.	CDA-CH V2
<code>└ @nullFlavor</code>	CS	<b>0 ... 1</b>		
<code>└ @code</code>	CS	<b>0 ... 1</b>		
<code>└ @codeSystem</code>	OID	<b>0 ... 1</b>	F 2.16.840.1.113883.5.111	
<code>└ @codeSystemName</code>	ST	<b>0 ... 1</b>	F HL7RoleCode	
<code>└ @displayName</code>	ST	<b>0 ... 1</b>		
			<div style="background-color: #f08080; padding: 5px;"> <b>role</b>  error  <b>Schematron assert</b>  <b>test</b> (not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))  <b>Message</b> Either nullFlavor or a valid code is required.         </div>	
<code>└ hl7:addr</code>	<b>AD</b>	<b>0 ... *</b>	The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
			hl7chcda-dataelement-47              addressInformation              CDA-CH V2 2017	
<code>└ hl7:telecom</code>	<b>TEL</b>	<b>0 ... *</b>	The guardian's means of communication (phone, eMail, ...).	CDA-CH V2
<i>Choice</i>		<b>1 ... 1</b>	Elements to choose from:	
			<ul style="list-style-type: none"> <li>▪ hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i></li> <li>▪ hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i></li> </ul>	
<code>└ hl7:guardianPerson</code>			The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2

<code>h17:guardianOrganization</code>				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
<code>h17:birthplace</code>		<b>0 ... 1</b>		The patient's birthplace.	CDA-CH V2
hl7chcda-dataelement-182     placeOfBirth     CDA-CH V2 2017					
<code>h17:place</code>		<b>1 ... 1</b>			CDA-CH V2
<code>h17:name</code>	<b>EN</b>	<b>0 ... 1</b>		The patient's birthplace name.	CDA-CH V2
<code>h17:addr</code>	<b>AD</b>	<b>1 ... 1</b>	<b>R</b>	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
<code>h17:languageCommunication</code>		<b>0 ... *</b>		The patient's language skills.	CDA-CH V2
<code>h17:languageCode</code>	<b>CS</b>	<b>1 ... 1</b>			CDA-CH V2
hl7chcda-dataelement-164     languageOfCorrespondance     CDA-CH V2 2017					
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage (DYNAMIC)</i>		
<code>h17:modeCode</code>	<b>CE</b>	<b>0 ... 1</b>			CDA-CH V2
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbility-Mode (DYNAMIC)</i>		
<code>h17:proficiencyLevelCode</code>	<b>CE</b>	<b>0 ... 1</b>			CDA-CH V2
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbility-Proficiency (DYNAMIC)</i>		

<code>└ hl7:preferenceInd</code>	BL	0 ... 1	In case of @value=true it is the patient's correspondence language.	CDA-CH V2
<code>└ hl7:providerOrganization</code>		0 ... 1	The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name (DYNAMIC)</i>	CDA-CH V2

### 7.3.2.10 Author

Dieses Template kann nicht nur im CDA Header, sondern auch im CDA Body verwendet werden. Deshalb ist es unter Other\_CDA\_Templates dokumentiert: Author\_3.

### 7.3.2.11 Data Enterer

<b>Id</b>	2.16.756.5.30.1.1.10.2.7 <small>ref hl7chcda-</small>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	 Active	<b>Version Label</b>	2017
<b>Name</b>	cdach_header_DataEnterer	<b>Display Name</b>	Data Enterer
<b>Description</b>			
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.			
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.7		
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Uses 1 template</b>			
<b>Uses</b>	<b>Uses</b>	<b>as</b>	<b>Name</b>
	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				
Item	DT	Card	Conf	Description	Label
h17: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
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.7	
└ h17:time	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 Assigned Entity Compilation with id (DYNAMIC)	CDA-CH V2

### 7.3.2.12 CDA Informant

Dieses Template wird von CDA-CH nicht weiter spezifiziert. Der Vollständigkeit halber wird hier das Original Template von ART-DECOR abgebildet.

Id	2.16.840.1.113883.10.12.154 [ref ad1bbr-]	Effective Date	2005-09-07
Status	Active	Version Label	

Name	CDAinformant	Display Name	CDA Informant		
Description	Template CDA Informant (prototype, directly derived from POCD_RM000040 MIF)				
Classification	CDA Section Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Uses 2 templates					
Uses	Uses	as	Name		
	2.16.840.1.113883.10.12.153	Containment	 CDA AssignedEntity		
	2.16.840.1.113883.10.12.316	Containment	 CDA RelatedEntity		
Item	DT	Card	Conf	Description	Label
h17:informant		0 ... *			(CDA...ant)
└ @typeCode		0 ... 1	F	INF	
└ @contextControlCode		0 ... 1	F	OP	
Elements to choose from:					
Choice		1 ... 1		<ul style="list-style-type: none"> <li>▪ h17:assignedEntity containing template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity (DYNAMIC)</i></li> <li>▪ h17:relatedEntity containing template 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity (DYNAMIC)</i></li> </ul>	
└ h17:assignedEntity				Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity (DYNAMIC)</i>	(CDA...ant)
└ h17:relatedEntity				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity (DYNAMIC)</i>	(CDA...ant)

### 7.3.2.13 Custodian

Id	2.16.756.5.30.1.1.10.2.3	ref h17chc- da-	Effective Date	2019-10-15 09:26:07
				Other versions this id:

Status	 Draft	Version Label	cdach_header_Custodian as of 2018-04-18
Name	cdach_header_Custodian	Display Name	Custodian
<b>Description</b>			
The organization in whose name this CDA document has been created (corresponds to the sender of a letter). All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.			
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.3		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with 2 concepts			
Associated with	<b>Id</b>	<b>Name</b>	<b>Data Set</b>
	hl7chcda-dataelement-77	 addressInformation	 CDA-CH V2 2017
	hl7chcda-dataelement-73	 organisationName	 CDA-CH V2 2017
Uses 1 template			
Uses	<b>Uses</b>	<b>as</b>	<b>Version</b>
	2.16.756.5.30.1.1.10.9.35	Containment  Address Information Compilation - eCH-0010 (2017)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.104 CDA custodian (2005-09-07) <a href="#">ref ad1bbr-</a>		
Example			
Example	<pre>&lt;custodian&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.3"/&gt;   &lt;assignedCustodian&gt;     &lt;representedCustodianOrganization&gt;       &lt;id root="2.51.1.3" extension="7601234567890"/&gt;       &lt;name&gt;Gruppenpraxis CH&lt;/name&gt;</pre>		

	<pre> &lt;telecom value="tel:+41.32.234.55.66" use="WP"/&gt; &lt;addr use="WP"&gt;   &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;   &lt;houseNumber&gt;2&lt;/houseNumber&gt;   &lt;city&gt;Musterhausen&lt;/city&gt;   &lt;postalCode&gt;8888&lt;/postalCode&gt;   &lt;country&gt;CH&lt;/country&gt; &lt;/addr&gt; &lt;/representedCustodianOrganization&gt; &lt;/assignedCustodian&gt; &lt;/custodian&gt;</pre>				
Item	DT	Card	Conf	Description	Label
h17:custodian		1 ... 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.3	
└ h17:assignedCustodian		1 ... 1	R		CDA-CH V2
└ h17:representedCustodianOrganization		1 ... 1	R		CDA-CH V2
└ h17:id	II	1 ... *	M	The custodian's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ h17:name	ON	1 ... 1	R	The custodian's name.	CDA-CH V2
	<span>⌚</span> h17chcda-dataelement-73 <span>🟡</span> organisationName <span>🟡</span> CDA-CH V2 2017				
└ h17:telecom	TEL	0 ... 1		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
└ h17:addr	AD	0 ... 1		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2

### 7.3.2.14 Recipient - informationRecipient

<b>Id</b>	2.16.756.5.30.1.1.10.2.4	<small>ref hl7chcda-</small>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	🟢 Active		<b>Version Label</b>	2017
<b>Name</b>	cdach_header_InformationRecipient		<b>Display Name</b>	Recipient - informationRecipient
<b>Description</b>				
A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.				
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.4			
<b>Label</b>	CDA-CH V2			
<b>Classification</b>	CDA Header Level Template			
<b>Open/Closed</b>	Open (other than defined elements are allowed)			
<b>Associated with 3 concepts</b>				
<b>Associated with</b>	<b>Id</b>	<b>Name</b>	<b>Data Set</b>	
	hl7chcda-dataelement-239	🟡 Health facility	🟡 CDA-CH V2 2017	
	hl7chcda-dataelement-238	🟡 Identifier	🟡 CDA-CH V2 2017	
	hl7chcda-dataelement-47	🟡 addressInformation	🟡 CDA-CH V2 2017	
<b>Uses 3 templates</b>				
<b>Uses</b>	<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>
	2.16.756.5.30.1.1.10.9.35	Containment	🟢 Address Information Compilation - eCH-0010 (2017)	DYNAMIC

	<p>2.16.756.5.30.1.1.10.9.34 Containment  Person Name Information Compilation - eCH-0011 (2017) DYNAMIC</p> <p>2.16.756.5.30.1.1.10.9.24 Containment  Organization Compilation with name (2017) DYNAMIC</p>												
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.105 <i>CDA informationRecipient</i> (2005-09-07) [ref ad1bbr-]												
Example	<p><b>Primary Recipient</b></p> <pre>&lt;informationRecipient typeCode="PRCE"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.4"/&gt;   &lt;intendedRecipient&gt;     &lt;informationRecipient&gt;       &lt;name&gt;Kurhaus Blumenalp, Zentrum für orthopädische Rehabilitation, Aerztliche Leitung&lt;/name&gt;     &lt;/informationRecipient&gt;     &lt;receivedOrganization&gt;       &lt;addr use="WP"&gt;         &lt;postalCode&gt;9876&lt;/postalCode&gt;         &lt;city&gt;Blumenalp&lt;/city&gt;         &lt;country&gt;CH&lt;/country&gt;       &lt;/addr&gt;     &lt;/receivedOrganization&gt;   &lt;/intendedRecipient&gt; &lt;/informationRecipient&gt;</pre>												
Example	<p><b>Other Recipient</b></p> <pre>&lt;informationRecipient typeCode="TRC"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.4"/&gt;   &lt;intendedRecipient&gt;     &lt;informationRecipient&gt;       &lt;name&gt;Gruppenpraxis CH, Dr. med. Allzeit Bereit, FMH Allgemeine Medizin&lt;/name&gt;     &lt;/informationRecipient&gt;     &lt;receivedOrganization&gt;       &lt;addr use="WP"&gt;         &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;         &lt;houseNumber&gt;2&lt;/houseNumber&gt;         &lt;postalCode&gt;8888&lt;/postalCode&gt;         &lt;city&gt;Musterhausen&lt;/city&gt;         &lt;country&gt;CH&lt;/country&gt;       &lt;/addr&gt;     &lt;/receivedOrganization&gt;   &lt;/intendedRecipient&gt; &lt;/informationRecipient&gt;</pre>												
<table border="1"> <thead> <tr> <th>Item</th><th>DT</th><th>Card</th><th>Conf</th><th>Description</th><th>Label</th></tr> </thead> <tbody> <tr> <td>h17:informationRecipient</td><td></td><td>1 ... *</td><td>R</td><td>A recipient of this CDA document (corresponds to the addressee of a letter - person or organization).</td><td>CDA-CH V2</td></tr> </tbody> </table>		Item	DT	Card	Conf	Description	Label	h17:informationRecipient		1 ... *	R	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization).	CDA-CH V2
Item	DT	Card	Conf	Description	Label								
h17:informationRecipient		1 ... *	R	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization).	CDA-CH V2								

				<b>Recipient types:</b> <ul style="list-style-type: none"> <li>The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.</li> <li>Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).</li> </ul>	
└ @typeCode	cs	0 ... 1	CONF	The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	CDA-CH V2
└ h17:templateId	II	1 ... 1 M			CDA-CH V2
└ @root	uid	1 ... 1 F	2.16.756.5.30.1.1.10.2.4		
└ h17:intendedRecipient		1 ... 1 R			CDA-CH V2
└ h17:id	II	0 ... * R	The recipient's identification(s).		CDA-CH V2
④ h17chcda-dataelement-238		Identifier	CDA-CH V2 2017		
└ @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.		

<code>L hl7:addr</code>	<b>AD</b>	<b>0 ... *</b>	The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
			 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017	
<code>L hl7:telecom</code>	<b>TEL</b>	<b>0 ... *</b>	The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
<code>L hl7:informationRecipient</code>		<b>0 ... 1</b>	The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
<code>L hl7:receivedOrganization</code>		<b>0 ... 1</b>	The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
			 hl7chcda-dataelement-239  Health facility  CDA-CH V2 2017	

### 7.3.2.15 Legal Authenticator

<b>Id</b>	2.16.756.5.30.1.1.10.2.5 	<b>Effective Date</b>	2018-04-18
<b>Status</b>	 Active	<b>Version Label</b>	2017
<b>Name</b>	cdach_header_LegalAuthenticator	<b>Display Name</b>	Legal Authenticator
<b>Description</b>			
Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.			
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.5		
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Uses</b>	Uses 1 template		

	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 2.16.840.1.113883.10.12.106 CDA <i>legalAuthenticator</i> (2005-09-07) <a href="#">ref ad1bbr-</a>			
Example		<b>Example</b> <pre>&lt;legalAuthenticator&gt; &lt;templateId root="2.16.756.5.30.1.1.10.2.5"/&gt; &lt;time value="201711101453+0100"/&gt; &lt;signatureCode code="S"/&gt; &lt;assignedEntity&gt;   &lt;id nullFlavor="NI"/&gt;   &lt;assignedPerson&gt;     &lt;name&gt;Hausarzt&lt;/name&gt;   &lt;/assignedPerson&gt; &lt;/assignedEntity&gt; &lt;/legalAuthenticator&gt;</pre>		
Example		<b>Example</b> <pre>&lt;legalAuthenticator&gt; &lt;templateId root="2.16.756.5.30.1.1.10.2.5"/&gt; &lt;time value="20150604"/&gt; &lt;signatureCode code="S"/&gt; &lt;assignedEntity&gt;   &lt;id root="2.51.1.3" extension="7601234567890"/&gt;   &lt;assignedPerson&gt;     &lt;name&gt;       &lt;given&gt;Allzeit&lt;/given&gt;       &lt;family&gt;Bereit&lt;/family&gt;       &lt;prefix&gt;Dr. med.&lt;/prefix&gt;     &lt;/name&gt;   &lt;/assignedPerson&gt; &lt;representedOrganization&gt;   &lt;id root="2.51.1.3" extension="7608888888888"/&gt;   &lt;name&gt;Gruppenpraxis CH&lt;/name&gt;   &lt;telecom value="tel:+41.32.234.55.66" use="WP"/&gt;   &lt;telecom value="fax:+41.32.234.55.67" use="WP"/&gt;   &lt;telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/&gt;   &lt;telecom value="http:www.gruppenpraxis.ch" use="WP"/&gt;   &lt;addr use="WP"&gt;     &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;     &lt;houseNumber&gt;2&lt;/houseNumber&gt;     &lt;city&gt;Musterhausen&lt;/city&gt;     &lt;postalCode&gt;8888&lt;/postalCode&gt;     &lt;country&gt;CH&lt;/country&gt;   &lt;/addr&gt; &lt;/representedOrganization&gt;</pre>		

	</assignedEntity> </legalAuthenticator>				
Item	DT	Card	Conf	Description	Label
h17:legalAuthenticator		0 ... 1		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.5	
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
└ h17:signatureCode	CS	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	F	S	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
	CONF		The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 ParticipationSignature (DYNAMIC)		
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 Assigned Entity Compilation with id (DYNAMIC)	CDA-CH V2

### 7.3.2.16 Authenticator

Id	2.16.756.5.30.1.1.10.2.6 ref h17chcda-	Effective Date	2019-01-01 20:20:44 Other versions this id:
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Status	 Draft	Version Label	2020
Name	cdach_header_Authenticator	Display Name	Authenticator
<b>Description</b>			
Information about an authenticator of a CDA document. An authenticator MUST be a person. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.			
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.6		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Uses 1 template			
Uses	Uses	as	Name
	2.16.756.5.30.1.1.10.9.12	Containment	 Assigned Entity Compilation with id (2020)
			Version DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.107 CDA authenticator (2005-09-07) <a href="#">ref ad1bbr-</a>		
Example			
Example	<pre> &lt;authenticator&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.6"/&gt;   &lt;time value="20071205"/&gt;   &lt;signatureCode code="S"/&gt;   &lt;assignedEntity&gt;     &lt;id root="2.51.1.3" extension="760444444444"/&gt;     &lt;assignedPerson&gt;       &lt;name&gt;         &lt;prefix qualifier="AC"&gt;Dr. med.&lt;/prefix&gt;         &lt;given&gt;Freddy&lt;/given&gt;         &lt;family&gt;Fango&lt;/family&gt;         &lt;suffix&gt;Ärztlicher Leiter&lt;/suffix&gt;       &lt;/name&gt;     &lt;/assignedPerson&gt;   &lt;/assignedEntity&gt; &lt;/authenticator&gt;</pre>		

Item	DT	Card	Conf	Description	Label
h17:authenticator		0 ... *		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.6	
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
└ h17:signatureCode	CS	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	F	S	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
CONF		The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 ParticipationSignature (DYNAMIC)			
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 Assigned Entity Compilation with id (DYNAMIC)	CDA-CH V2

### 7.3.2.17 Employer - participant

Id	2.16.756.5.30.1.1.10.2.40 ref hl7chcda-	Effective Date	2019-01-01 21:13:32 Other versions this id: ▪ <input type="radio"/> cdach_header_Employer as of 2018-04-18
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Status	Draft	Version Label	2020												
Name	cdach_header_Employer	Display Name	Employer - participant												
<b>Description</b>															
Information on the patient's employer, school or other affiliated (e.g., volunteer) organization. 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 2.16.756.5.30.1.1.10.2.40														
Label	CDA-CH V2														
Classification	CDA Header Level Template														
Open/Closed	Open (other than defined elements are allowed)														
Uses 2 templates															
Uses	<table border="1"> <thead> <tr> <th>Uses</th><th>as</th><th>Name</th><th>Version</th></tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.9.34</td><td>Containment</td><td>Person Name Information Compilation - eCH-0011 (2017)</td><td>DYNAMIC</td></tr> <tr> <td>2.16.756.5.30.1.1.10.9.27</td><td>Containment</td><td>Organization Compilation with name, addr, telecom (2017)</td><td>DYNAMIC</td></tr> </tbody> </table>			Uses	as	Name	Version	2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC	2.16.756.5.30.1.1.10.9.27	Containment	Organization Compilation with name, addr, telecom (2017)	DYNAMIC
Uses	as	Name	Version												
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC												
2.16.756.5.30.1.1.10.9.27	Containment	Organization Compilation with name, addr, telecom (2017)	DYNAMIC												
Relationship	Specialization: template 2.16.840.1.113883.10.12.108 CDA participant (2005-09-07) [ref ad1bbrr]														
<b>Example</b> <pre>&lt;participant typeCode="IND"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.40"/&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.41"/&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.2"/&gt;   &lt;time&gt;     &lt;low nullFlavor="UNK"/&gt;     &lt;high nullFlavor="UNK"/&gt;   &lt;/time&gt;   &lt;associatedEntity classCode="CON"&gt;     &lt;id extension="empnr" root="2.999"/&gt;     &lt;code code="EMPLOYER" codeSystem="1.3.6.1.4.1.19376.1.5.3.3" codeSystemName="IHERoleCode"/&gt;     &lt;scopingOrganization&gt;       &lt;!-- DMST v3: 4.2 Employeur actuel --&gt;       &lt;name&gt;Soutien de famille Sarl&lt;/name&gt;       &lt;telecom nullFlavor="UNK"/&gt;       &lt;addr use="WP"&gt;         &lt;streetAddressLine&gt;bureau de la paie&lt;/streetAddressLine&gt;         &lt;postalCode&gt;1000&lt;/postalCode&gt;         &lt;city&gt;Lausanne&lt;/city&gt;         &lt;country&gt;CH&lt;/country&gt;       &lt;/addr&gt;</pre>															
Example															

	</scopingOrganization> </associatedEntity> </participant>				
Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *		Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.	CDA-CH V2
└ @typeCode	cs	1 ... 1 F		IND	
└ h17:templateId	II	1 ... 1 M		CDA-CH v2.0 ART-DECOR model of Employer.	CDA-CH V2
└ @root	uid	1 ... 1 F		2.16.756.5.30.1.1.10.2.40	
└ h17:templateId		1 ... *	M	CH-PCC ART-DECOR model of IHE PCC Employer and School Contacts.	CDA-CH V2
└ @root	cs	1 ... 1 F		2.16.756.5.30.1.1.10.2.41	
└ h17:templateId	II	1 ... 1 M		IHE PCC Employer and School Contacts.	CDA-CH V2
└ @root	uid	1 ... 1 F		1.3.6.1.4.1.19376.1.5.3.1.2.2	
└ h17:time	IVL_TS.CH.TZ	0 ... 1		Validity period of contract.	CDA-CH V2
└ h17:low	TS.CH.TZ	1 ... 1 R		Start of the contract.	CDA-CH V2
└ h17:high	TS.CH.TZ	1 ... 1 R		End of the contract.	CDA-CH V2
└ h17:associatedEntity		1 ... 1 R			CDA-CH V2
└ @classCode	cs	1 ... 1 F		CON	
└ h17:id	II	0 ... 1 R		The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2

<code>└ @root</code>	uid	<b>1 ... 1 R</b>	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.	
<code>└ @extension</code>	st	<b>0 ... 1</b>	The id itself. It MUST be unique within the issuing system.	
<code>    └ hl7:code</code>	<b>CE</b>	<b>1 ... 1 R</b>		CDA-CH V2
<code>        └ @code</code>	cs	<b>1 ... 1 R</b>		
<code>        └ @codeSystem</code>	oid	<b>1 ... 1 F</b>	1.3.6.1.4.1.19376.1.5.3.3	
<code>        └ @codeSystemName</code>	st	<b>1 ... 1 F</b>	IHERoleCode	
<code>        └ @displayName</code>	st	0     NP	NP/not present	
	<b>CONF</b>		The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.77 <i>IHERoleCode Employer and School Contacts</i> (DYNAMIC)	
<code>    └ hl7:associatedPerson</code>		<b>0 ... 1</b>	Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
<code>    └ hl7:scopingOrganization</code>		<b>1 ... 1</b>	The employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC)	CDA-CH V2

### 7.3.2.18 Insurance - participant

<b>Id</b>	2.16.756.5.30.1.1.10.2.15	<small>ref hl7chcda-</small>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	Active		<b>Version Label</b>	2017
<b>Name</b>	cdach_header_Insurance		<b>Display Name</b>	Insurance - participant
<b>Description</b>	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)				
Uses 2 templates					
Uses	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 ad1bbrc]				
Example					
Example	<pre> &lt;participant typeCode="COV"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.15"/&gt;   &lt;time&gt;     &lt;low value="20170910"/&gt;     &lt;high nullFlavor="NASK"/&gt;   &lt;/time&gt;   &lt;associatedEntity classCode="PAYOR"&gt;     &lt;id root="2.999" extension="23.253-m"/&gt;     &lt;code code="832.10" codeSystem="2.16.756.5.30.2.1.1.11" codeSystemName="ins-laws" displayName="Federal Act on Health Insurance (HIA)"/&gt;     &lt;scopingOrganization&gt;       &lt;id root="2.51.1.3" extension="7607777777777777"/&gt;       &lt;name&gt;NousPaiersonsTous assurances&lt;/name&gt;       &lt;telecom nullFlavor="NASK"/&gt;       &lt;addr use="WP"&gt;         &lt;streetName&gt;rue payant&lt;/streetName&gt;         &lt;houseNumber&gt;89&lt;/houseNumber&gt;         &lt;postalCode&gt;8888&lt;/postalCode&gt;         &lt;city&gt;Guérison-ville&lt;/city&gt;         &lt;country&gt;CH&lt;/country&gt;       &lt;/addr&gt;     &lt;/scopingOrganization&gt;   &lt;/associatedEntity&gt; &lt;/participant&gt;</pre>				
Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *		Information on a patient's insurance.	CDA-CH

					V2
└ @typeCode	cs	1 ... 1	F	COV	
└ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.15	
└ hl7:time	IVL_TS.CH.TZ	0 ... 1		Validity period of the contract.	CDA-CH V2
└ hl7:low	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
└ hl7:high	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
└ hl7:associatedEntity		1 ... 1	R		CDA-CH V2
└ @classCode	cs	1 ... 1	F	PAYOR	
└ hl7:id	II	1 ... 1	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
└ hl7:code	CE	1 ... 1	R	The underlying law for the contract.	CDA-CH V2
└ @nullFlavor	cs	0 ... 1	F	NAV	
└ @code	cs	0 ... 1		832.10, 832.20, 221.229.1, 833.1, 831.20	
└ @codeSystem	oid	0 ... 1	F	2.16.756.5.30.2.1.1.11	
└ @codeSystemName	st	0 ... 1	F	ins-laws	

<code>└ @displayName</code>	st	<b>0 ... 1</b>	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 test Message	<span style="color: red;">●</span> error (@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) Either a valid insurance law or nullFlavor="NAV" is REQUIRED.
<code>└ h17:associatedPerson</code>		<b>0 ... 1</b>	Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>
<code>└ h17:scopingOrganization</code>		<b>1 ... 1</b>	The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 <i>Organization Compilation with GLN, name, addr and telecom (DYNAMIC)</i>

### 7.3.2.19 Insurance Card - participant

<b>Id</b>	2.16.756.5.30.1.1.10.2.14 [ref <a href="#">hl7chcda-</a> ]	<b>Effective Date</b>	2018-04-18
<b>Status</b>	<span style="color: green;">●</span> Active	<b>Version Label</b>	2017
<b>Name</b>	cdach_header_InsuranceCard	<b>Display Name</b>	Insurance Card - participant
<b>Description</b>	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.		
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.14		
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Uses</b>	Uses 2 templates		
	<b>Uses</b>	<b>as</b>	<b>Name</b>
			<b>Version</b>

	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) <a href="#">[ref ad1bbrr]</a>				
Example	<p>Example</p> <pre>&lt;participant typeCode="HLD"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.14"/&gt;   &lt;time&gt;     &lt;low nullFlavor="NASK"/&gt;     &lt;!-- Expiration date of the insurance card. --&gt;     &lt;high value="20171231"/&gt;   &lt;/time&gt;   &lt;associatedEntity classCode="POLHOLD"&gt;     &lt;!-- Number of the insurance card. --&gt;     &lt;id root="2.16.756.5.30.1.123.100.1.1.1" extension="80756123450123456789"/&gt;     &lt;associatedPerson&gt;       &lt;!-- Family and given name on the insurance card. --&gt;       &lt;name&gt;         &lt;given&gt;Specimen&lt;/given&gt;         &lt;family&gt;Franz&lt;/family&gt;       &lt;/name&gt;     &lt;/associatedPerson&gt;     &lt;scopingOrganization&gt;       &lt;!-- Name of the issuing insurance. --&gt;       &lt;name&gt;WirZahlenAlles Versicherungen&lt;/name&gt;     &lt;/scopingOrganization&gt;   &lt;/associatedEntity&gt; &lt;/participant&gt;</pre>				
Example					
Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *		Information on a patient's insurance card.	CDA-CH V2
└ @typeCode	cs	1 ... 1 F		HLD	
└ h17:templateId	II	1 ... 1 M			CDA-CH V2
└ @root	uid	1 ... 1 F		2.16.756.5.30.1.1.10.2.14	
└ h17:time	IVL_TS.CH.TZ	1 ... 1 R		Validity period of the insurance card.	CDA-CH V2

<code>└ h17:low</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>		CDA-CH V2
<code>└ @nullFlavor</code>	cs	<b>1 ... 1 F</b>	NASK	
<code>└ h17:high</code>	<b>TS.CH.TZ</b>	<b>1 ... 1 R</b>	Expiration date of the insurance card.	CDA-CH V2
<code>└ h17:associatedEntity</code>		<b>1 ... 1 R</b>		CDA-CH V2
<code>└ @classCode</code>	cs	<b>1 ... 1 F</b>	POLHOLD	
<code>└ h17:id</code>	II	<b>1 ... 1 R</b>	The insurance card's id.	CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1 F</b>	2.16.756.5.30.1.1.123.100.1.1.1	
<code>└ @extension</code>	st	<b>1 ... 1 R</b>	Number of the insurance card.	
<code>└ h17:associatedPerson</code>		<b>0 ... 1</b>	Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
<code>└ h17:scopingOrganization</code>		<b>0 ... 1</b>	The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2

### 7.3.2.20 Patient Contact - participant

<b>Id</b>	2.16.756.5.30.1.1.10.2.43 <small>ref hl7chcda-</small>	<b>Effective Date</b>	2019-11-19 11:59:25 Other versions this id:
<b>Status</b>	 Draft	<b>Version Label</b>	2020
<b>Name</b>	cdach_header_PatientContact	<b>Display Name</b>	Patient Contact - participant
<b>Description</b>	Information on a patient contact. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or speciali-		

	sation.																
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.43																
Label	CDA-CH V2																
Classification	CDA Header Level Template																
Open/Closed	Open (other than defined elements are allowed)																
Associated with	<p>Associated with 1 concept</p> <table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>hl7chcda-dataelement-47</td> <td>addressInformation</td> <td>CDA-CH V2 2017</td> </tr> </tbody> </table>	Id	Name	Data Set	hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017										
Id	Name	Data Set															
hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017															
Uses	<p>Uses 3 templates</p> <table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.9.35</td> <td>Containment</td> <td>Address Information Compilation - eCH-0010 (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.9.34</td> <td>Containment</td> <td>Person Name Information Compilation - eCH-0011 (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.9.24</td> <td>Containment</td> <td>Organization Compilation with name (2017)</td> <td>DYNAMIC</td> </tr> </tbody> </table>	Uses	as	Name	Version	2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC	2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC	2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC
Uses	as	Name	Version														
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC														
2.16.756.5.30.1.1.10.9.34	Containment	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC														
2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)	DYNAMIC														
Relationship	<p>Specialization: template 2.16.840.1.113883.10.12.108 <i>CDA participant</i> (2005-09-07) [ref <a href="#">ad1bbr-</a>]</p> <p>Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.2.4 <i>IHE Patient Contacts</i> (2017-03-21 14:48:53) [ref <a href="#">IHE-PCC-</a>]</p>																
Example	<p>Daughter</p> <pre> &lt;participant typeCode="IND"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.43"/&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"&gt;     &lt;associatedEntity classCode="PRS"&gt;       &lt;code code="DAUC" codeSystem="2.16.840.1.113883.5.111" codeSystemName="HL7RoleCode" displayName="daughter"/&gt;       &lt;addr use="HP"&gt;         &lt;postalCode&gt;6780&lt;/postalCode&gt;         &lt;city&gt;Airolo&lt;/city&gt;         &lt;country&gt;CH&lt;/country&gt;       &lt;/addr&gt;       &lt;telecom use="HP" value="tel:+41.32.999.99.99"/&gt;       &lt;associatedPerson&gt;         &lt;name&gt;           &lt;family&gt;FILLE&lt;/family&gt;           &lt;given&gt;Josephine&lt;/given&gt;         &lt;/name&gt;       &lt;/associatedPerson&gt;     &lt;/associatedEntity&gt;   </pre>																

	</participant>
Example	<p>Caregiver</p> <pre> &lt;participant typeCode="IND"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.43"/&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/&gt;   &lt;associatedEntity classCode="CAREGIVER"&gt;     &lt;id root="2.51.1.3" extension="7608888888888888"/&gt;     &lt;code code="HPOWATT" codeSystem="2.16.840.1.113883.5.111" codeSystemName="HL7RoleCode" displayName="healthcare power of attorney"/&gt;     &lt;associatedPerson&gt;       &lt;name&gt;         &lt;prefix&gt;Dr. med.&lt;/prefix&gt;         &lt;given&gt;Théodore&lt;/given&gt;         &lt;family&gt;Guéri&lt;/family&gt;       &lt;/name&gt;     &lt;/associatedPerson&gt;     &lt;scopingOrganization&gt;       &lt;name&gt;Cabinet Médical CH&lt;/name&gt;       &lt;telecom use="PUB" value="tel:+41.32.234.22.33"/&gt;       &lt;telecom use="PUB" value="fax:+41.32.234.22.44"/&gt;       &lt;telecom use="PUB" value="mailto:info@ems-guerison-ville.ch"/&gt;       &lt;telecom use="PUB" value="http://www.ems-guerison-ville.ch"/&gt;       &lt;addr use="WP"&gt;         &lt;streetName&gt;Rue de l'hôpital&lt;/streetName&gt;         &lt;houseNumber&gt;2&lt;/houseNumber&gt;         &lt;postalCode&gt;8888&lt;/postalCode&gt;         &lt;city&gt;Guérison-ville&lt;/city&gt;         &lt;country&gt;CH&lt;/country&gt;       &lt;/addr&gt;     &lt;/scopingOrganization&gt;   &lt;/associatedEntity&gt; &lt;/participant&gt; </pre>

Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *		Information on a patient contact.	CDA-CH V2
└ @typeCode	cs	1 ... 1	F	IND	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.43	

<code>└ h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
<code>└ @root</code>	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
<code>└ h17:time</code>	<b>IVL_TS.CH.TZ</b>	<b>0 ... 1</b>		Validity period of the participation.	CDA-CH V2
<code>└ h17:low</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	Start of participation.	CDA-CH V2
<code>└ h17:high</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	End of participation.	CDA-CH V2
<code>└ h17:associatedEntity</code>		<b>1 ... 1</b>	R	Either the contact person or the contact's organization SHALL be present.	CDA-CH V2
<code>└ @classCode</code>	cs	1 ... 1	R	The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
<code>└ h17:code</code>	<b>CE</b>	<b>1 ... 1</b>	R	The contact's role.	CDA-CH V2
<code>└ @nullFlavor</code>	cs	<b>0 ... 1</b>			
<code>└ @code</code>	cs	<b>0 ... 1</b>			
<code>└ @codeSystem</code>	oid	<b>0 ... 1</b>	F	2.16.840.1.113883.5.111	
<code>└ @codeSystemName</code>	st	<b>0 ... 1</b>	F	HL7RoleCode	
<code>└ @displayName</code>	st	<b>0 ... 1</b>			
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.	
└ h17:addr	AD	0 ... *		The contact's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
		④ hl7chcda-dataelement-47	addressInformation	④ CDA-CH V2 2017	
└ h17:telecom	TEL	0 ... *		The contact's means of communication (phone, eMail, ...).	CDA-CH V2
└ h17:associatedPerson		0 ... 1	C	The contact person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
└ h17:scopingOrganization		0 ... 1	C	The contact's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
	Schematron assert	role test Message	error @classCode=('AGNT','CAREGIVER','ECON','NOK','PRS') The classCode attribute shall be present, and contains a value from the set AGNT, CAREGIVER, ECON, NOK, or PRS to identify contacts that are agents of the patient, care givers, emergency contacts, next of kin, or other relations respectively.		

### 7.3.2.21 Order Reference - inFulfillmentOf

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)					
Relationship	Specialization: template 2.16.840.1.113883.10.12.109 CDA <i>inFulfillmentOf</i> (2005-09-07) ref ad1bb-					
Example	Order reference on a CDA-CH V2 (2017) document					
	<pre>&lt;inFulfillmentOf&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.16"/&gt;   &lt;order&gt;     &lt;id root="9F44AE66-D70B-46DA-89AD-82A51C7A11C6"/&gt;   &lt;/order&gt; &lt;/inFulfillmentOf&gt;</pre>					
Example	Order reference to an order created by an ERP system					
	<pre>&lt;inFulfillmentOf&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.16"/&gt;   &lt;order&gt;     &lt;id root="2.999" extension="AU-20170021987"/&gt;   &lt;/order&gt; &lt;/inFulfillmentOf&gt;</pre>					
Item	DT	Card	Conf	Description	Label	
h17: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	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2	
└ @root		uid	1 ... 1	F 2.16.756.5.30.1.1.10.2.16		
└ h17:order		1 ... 1	R		CDA-CH V2	
└ h17: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.		

### 7.3.2.22 Health Service - documentationOf

<b>Id</b>	2.16.756.5.30.1.1.10.2.46 <small>ref hl7chcda-</small>	<b>Effective Date</b>	2019-01-01 20:53:33 Other versions this id:		
<b>Status</b>	Draft	<b>Version Label</b>	2019		
<b>Name</b>	cdach_header_HealthService	<b>Display Name</b>	Health Service - documentationOf		
<b>Description</b>	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.				
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.46				
<b>Label</b>	CDA-CH V2				
<b>Classification</b>	CDA Header Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Uses 1 template</b>					
<b>Uses</b>	<b>Uses</b>	<b>as</b>	<b>Name</b>		
	2.16.756.5.30.1.1.10.9.31	Include	Performer (2020) <small>DYNAMIC</small>		
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.110 CDA documentationOf (2005-09-07) <small>ref ad1bbr-</small>				
<b>Example</b>	<p>Case identification and duration</p> <pre>&lt;documentationOf typeCode="DOC"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.46"/&gt;   &lt;serviceEvent classCode="ACT" moodCode="EVN"&gt;     &lt;id root="2.999" extension="FID-124982"/&gt;     &lt;code nullFlavor="NAV"/&gt;     &lt;effectiveTime&gt;       &lt;low value="20190101"/&gt;       &lt;high value="20190102"/&gt;     &lt;/effectiveTime&gt;   &lt;/serviceEvent&gt; &lt;/documentationOf&gt;</pre>				
Item	DT	Card	Conf	Description	Label

h17:documentationOf		0 ... *	Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	cs	1 ... 1 F	DOC	
└ h17:templateId	II	1 ... 1 M		CDA-CH V2
└ @root	uid	1 ... 1 F	2.16.756.5.30.1.1.10.2.46	
└ h17:serviceEvent		1 ... 1 R		CDA-CH V2
└ @classCode	cs	1 ... 1 F	ACT	
└ @moodCode	cs	1 ... 1 F	EVN	
└ h17: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.	
└ h17: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	

<code>└ h17:translation</code>		<code>0 ... *</code>	A translation of the code to another coding system.	CDA-CH V2
<code>└ @code</code>	cs	<code>1 ... 1 R</code>		
<code>└ @codeSystem</code>	oid	<code>1 ... 1 R</code>		
<code>└ @codeSystemName</code>	st	<code>1 ... 1 R</code>		
<code>└ @displayName</code>	st	<code>1 ... 1 R</code>		
<code>└ h17:effectiveTime</code>	<b>IVL_TS.CH.TZ</b>	<code>1 ... 1 R</code>	Duration of the health service.	CDA-CH V2
<code>└ h17:low</code>	<b>TS.CH.TZ</b>	<code>1 ... 1 R</code>	Start of the health service.	CDA-CH V2
<code>└ h17:high</code>	<b>TS.CH.TZ</b>	<code>1 ... 1 R</code>	End of the health service.	CDA-CH V2
<i>Included</i>		<code>0 ... *</code>	from 2.16.756.5.30.1.1.10.9.31 <i>Performer (DYNAMIC)</i>	
<code>└ h17:performer</code>		<code>0 ... *</code>	Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
<code>└ @typeCode</code>	cs	<code>1 ... 1 F</code>	PRF	
<code>└ h17:templateId</code>	II	<code>1 ... 1 M</code>		CDA-CH V2
<code>└ @root</code>	uid	<code>1 ... 1 F</code>	2.16.756.5.30.1.1.10.9.31	
<code>└ h17:templateId</code>		<code>1 ... 1 R</code>		CDA-CH V2
<code>└ @root</code>	uid	<code>1 ... 1 F</code>	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
<code>└ h17:templateId</code>		<code>1 ... 1 R</code>		CDA-CH V2
<code>└ @root</code>	uid	<code>1 ... 1 F</code>	2.16.840.1.113883.10.12.323	

<code>L h17:time</code>	<code>IVL_TS.CH.TZ</code>	<code>0 ... 1</code>	Duration of the performance.	CDA-CH V2
<code>L h17:low</code>	<code>TS.CH.TZ</code>	<code>1 ... 1 R</code>	Start of the performance.	CDA-CH V2
<code>L h17:high</code>	<code>TS.CH.TZ</code>	<code>1 ... 1 R</code>	End of the performance.	CDA-CH V2
<code>L h17:assignedEntity</code>		<code>1 ... 1 R</code>	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

### 7.3.2.23 Document Replacement - relatedDocument

<b>Id</b>	2.16.756.5.30.1.1.10.2.13 <small>ref hl7chc-da-</small>	<b>Effective Date</b>	2019-01-01 21:22:58 Other versions this id:
<b>Status</b>	Draft	<b>Version Label</b>	2020
<b>Name</b>	cdach_header_DocumentReplacement	<b>Display Name</b>	Document Replacement - relatedDocument
<b>Description</b>	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.		
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.13		
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	CDA Header Level Template		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.111 CDA relatedDocument (2005-09-07) <small>ref ad1bbr-</small>		
<b>Example</b>	<p><b>Example</b></p> <pre>&lt;relatedDocument typeCode="RPLC"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.2.13"/&gt;   &lt;parentDocument&gt;     &lt;id root="30E19F60-3DB9-48B8-9BFD-FF04C342D0B1"/&gt;     &lt;setId root="452A118A-06AB-47D2-A29B-709F7F2EC6FE"/&gt;</pre>		

	<versionNumber value="5"/> </parentDocument> </relatedDocument>				
Item	DT	Card	Conf	Description	Label
h17:relatedDocument		0 ... *		<p>Relationship to another CDA-CH V2 based document that is replaced by the current one.</p> <p><b>Notes:</b> 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/mark as deleted/deprecated) and all values in the new document MUST be marked as valid:</p> <ul style="list-style-type: none"> <li>▪ Values that were only contained in the previous document have to be treated as deleted.</li> <li>▪ Values that are present in both documents are overwritten with the contents of the new document.</li> <li>▪ Values that are only contained in the new document are to be added.</li> </ul>	CDA-CH V2
└ @typeCode	cs	1 ... 1	F	RPLC	
				Indicates that it is a relationship to another document that needs to be replaced.	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.13	

<code>└ hl7:parentDocument</code>		<b>1 ... 1</b>	<b>R</b>	Relationship to the document that needs to be replaced.	CDA-CH V2
<code>└ hl7:id</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>	The id of the document to be replaced MUST be declared.	CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1</b>	<b>R</b>	The id (GUID) of the document to be replaced.	
<code>└ @extension</code>	st	<b>0</b>	<b>NP</b>	NP/not present	
<code>└ hl7:setId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>	The setId of the document to be replaced MUST be declared.	CDA-CH V2
<code>└ @extension</code>	st	<b>0</b>	<b>NP</b>	NP/not present	
<code>└ @root</code>	uid	<b>1 ... 1</b>	<b>R</b>	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
<code>Schematron assert</code>	role	<span style="color: red;">●</span> 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			
<code>└ hl7:versionNumber</code>	<b>INT</b>	<b>1 ... 1</b>	<b>M</b>	The version number of the document to be replaced.	CDA-CH V2
<code>Schematron assert</code>	role	<span style="color: red;">●</span> error			
	test	/hl7:ClinicalDocument/hl7:versionNumber/@value > @value			
	Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document			

### 7.3.2.24 CDA Authorization

Dieses Template wird von CDA-CH nicht weiter spezifiziert. Der Vollständigkeit halber wird hier das Original Template von ART-DECOR abgebildet.

**Id**

2.16.840.1.113883.10.12.114 ref ad1bbr-

**Effective Date**

2005-09-07

Status	Active				Version Label
Name	CDAuthorization				Display Name CDA Authorization
Description	Template CDA Authorization (prototype, directly derived from POCD_RM000040 MIF)				
Classification	CDA Header Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Item	DT	Card	Conf	Description	Label
h17:authorization		0 ... *			(CDA...ion)
└ @typeCode		0 ... 1 F	AUTH		
└ h17:consent		1 ... 1			(CDA...ion)
└ @classCode		0 ... 1 F	CONS		
└ @moodCode		0 ... 1 F	EVN		
└ h17:id	II	0 ... *			(CDA...ion)
└ h17:code	CE	0 ... 1			(CDA...ion)
	CONF	shall be drawn from concept domain "ActCode"			
└ h17:statusCode	CS	1 ... 1 R			(CDA...ion)
└ @code	CONF	0 ... 1 F	completed		

### 7.3.2.25 CDA componentOf

Dieses Template wird von CDA-CH nicht weiter spezifiziert. Der Vollständigkeit halber wird hier das Original Template von ART-DECOR abgebildet.

Id

2.16.840.1.113883.10.12.113 ref ad1bbrr-

Effective Date

2005-09-07

Status	Active			Version Label	
Name	CDAcomponentOf			Display Name	
Description	Template CDA componentOf (prototype, directly derived from POCD_RM000040 MIF)			CDA componentOf	
Classification	CDA Header Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Uses 3 templates					
Uses	Uses	as	Name	Version	
	2.16.840.1.113883.10.12.153	Containment	CDA AssignedEntity	DYNAMIC	
	2.16.840.1.113883.10.12.317	Containment	CDA Place	DYNAMIC	
	2.16.840.1.113883.10.12.151	Containment	CDA Organization	DYNAMIC	
Item	DT	Card	Conf	Description	Label
h17:componentOf		0 ... 1			(CDA...tOf)
└ @typeCode		0 ... 1 F		COMP	
└ h17:encompassingEncounter		1 ... 1			(CDA...tOf)
└ @classCode		0 ... 1 F		ENC	
└ @moodCode		0 ... 1 F		EVN	
└ h17:id	II	0 ... *			(CDA...tOf)
└ h17:code	CE	0 ... 1			(CDA...tOf)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 ActEncounter-Code (DYNAMIC)			
└ h17:effectiveTime	IVL_TS	1 ... 1 R			(CDA...tOf)

<code>└ h17:dischargeDispositionCode</code>	<b>CE</b>	<b>0 ... 1</b>		(CDA...tOf)
	<b>CONF</b>		shall be drawn from concept domain "EncounterDischargeDisposition"	
<code>└ h17:responsibleParty</code>		<b>0 ... 1</b>	Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	(CDA...tOf)
<code>└ @typeCode</code>		<b>0 ... 1 F</b>	RESP	
<code>└ h17:encounterParticipant</code>		<b>0 ... *</b>		(CDA...tOf)
<code>└ @typeCode</code>	<b>CS</b>	<b>1 ... 1 R</b>		
	<b>CONF</b>		The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19600 x_ EncounterParticipant (DYNAMIC)	
<code>└ h17:time</code>	<b>IVL_TS</b>	<b>0 ... 1</b>		(CDA...tOf)
<code>└ h17:assignedEntity</code>		<b>1 ... 1</b>	Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	(CDA...tOf)
<code>└ h17:location</code>		<b>0 ... 1</b>		(CDA...tOf)
<code>└ @typeCode</code>		<b>0 ... 1 F</b>	LOC	
<code>└ h17:healthCareFacility</code>		<b>1 ... 1</b>		(CDA...tOf)
<code>└ @classCode</code>		<b>0 ... 1 F</b>	SDLOC	
<code>└ h17:id</code>	<b>II</b>	<b>0 ... *</b>		(CDA...tOf)
<code>└ h17:code</code>	<b>CE</b>	<b>0 ... 1</b>		(CDA...tOf)
	<b>CONF</b>		The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 ServiceDeliveryLocationRoleType (DYNAMIC)	
<code>└ h17:location</code>		<b>0 ... 1</b>	Contains 2.16.840.1.113883.10.12.317 CDA Place (DYNAMIC)	(CDA...tOf)

L <a href="#">hl7:serviceProviderOrganization</a>	0 ... 1	Contains 2.16.840.1.113883.10.12.151 CDA Organization (DYNAMIC)	(CDA...tOf)
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### 7.3.3 CDA Section Level Templates

Zwei CDA Section Level Templates sind definiert, die in allen CDA Austauschformaten wiederverwendet werden können:

#### 7.3.3.1 Remarks Section - coded

<b>Id</b>	2.16.756.5.30.1.1.10.3.2 <a href="#">ref hl7chcda-</a>			<b>Effective Date</b>	2018-04-18
<b>Status</b>	Under pre-publication review			<b>Version Label</b>	2017
<b>Name</b>	cdach_section_RemarksCoded			<b>Display Name</b>	Remarks Section - coded
<b>Description</b>	This section MAY be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.				
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.2				
<b>Label</b>	CDA-CH V2				
<b>Classification</b>	CDA Section Level Template				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Associated with</b>	Associated with 1 concept				
	<b>Id</b>	<b>Name</b>	<b>Data Set</b>		
	cdachemed-dataelement-39	Allgemeine Bemerkungen*	Dataset 1		
<b>Uses</b>	Uses 1 template				
	<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>	
	2.16.756.5.30.1.1.10.4.2 Containment	Annotation Comments (2016)	DYNAMIC		
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.201 CDA Section (DYNAMIC) <a href="#">ref ad1bbr-</a>				

Example	Example				
	<pre> &lt;component&gt;   &lt;section&gt;     &lt;templateId root="2.16.756.5.30.1.1.10.3.2"/&gt;     &lt;code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/&gt;     &lt;title&gt;Kommentar&lt;/title&gt;     &lt;text&gt;       &lt;content ID="comment1"&gt; Es handelt sich beim vorliegenden Dokument um ein Muster zur Illustration. &lt;/content&gt;     &lt;/text&gt;     &lt;entry&gt;       &lt;!-- template 2.16.756.5.30.1.1.10.4.2 'Annotation Comments' --&gt;     &lt;/entry&gt;   &lt;/section&gt; &lt;/component&gt;</pre>				
Item	DT	Card	Conf	Description	Label
h17:section				This section can be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.	CDA-CH V2
└ h17:templateId	II	1 ... 1	R		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.3.2	
└ h17:id	II	0 ... 1		An ID for this section MAY be filled for traceability.	CDA-CH V2
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ h17:code	CE	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	F	48767-8	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 ... 1	F	LOINC	

<code>└ @displayName</code>	st	1 ... 1	F	Annotation comment	
<code>└ h17:title</code>	<b>ST</b>	<b>1 ... 1</b>	<b>M</b>	<p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Kommentar'</li> <li>▪ [fr]: 'Commentaire'</li> <li>▪ [it]: 'Osservazione'</li> <li>▪ [en]: 'Comment'</li> </ul>	CDA-CH V2
	Variable let	Name	languageCode		
		Value	substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)		
	Schematron assert	role	error		
		test	not(\$languageCode='ge') or (text()='Kommentar')		
		Message	The German title must read 'Kommentar'		
	Schematron assert	role	error		
		test	not(\$languageCode='fr') or (text()='Commentaire')		
		Message	The French title must read 'Commentaire'		
	Schematron assert	role	error		
		test	not(\$languageCode='it') or (text()='Osservazione')		
		Message	The Italian title must read 'Osservazione'		
	Schematron assert	role	error		
		test	not(\$languageCode='en') or (text()='Comment')		
		Message	The English title must read 'Comment'		
<code>└ h17:text</code>	<b>SD.TEXT</b>	<b>1 ... 1</b>	<b>M</b>	Human readable text of this section.	CDA-CH V2
<code>└ h17:entry</code>		<b>0 ... *</b>		Contains 2.16.756.5.30.1.1.10.4.2 Annotation Comments (DYNAMIC)	CDA-CH V2

 cdachemed-dataelement-39 Allgemeine Bemerkungen\* Dataset 1

### 7.3.3.2 Original Representation Section - coded

<b>Id</b>	2.16.756.5.30.1.1.10.3.45 <small>ref hl7chcda-</small>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	 Under pre-publication review	<b>Version Label</b>	2017
<b>Name</b>	cdach_section_OriginalRepresentationCoded	<b>Display Name</b>	Original Representation Section - coded

#### 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.

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

Uses 1 template

Uses	as	Name	Version
2.16.756.5.30.1.1.10.4.83	Containment	 Observation Media (2017)	DYNAMIC

**Relationship** Specialization: template 2.16.840.1.113883.10.12.201 CDA Section (2005-09-07) ref ad1bbrr-

Example	Example					Label
	<pre> &lt;section&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.3.45"/&gt;   &lt;code code="55108-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Clinical presentation"/&gt;   &lt;title&gt;Original representation&lt;/title&gt;   &lt;text&gt;</pre> <p>Representation of the original view which has been signed by the legal authenticator:</p> <pre>     &lt;br/&gt;     &lt;renderMultiMedia referencedObject="pdf1"/&gt;   &lt;/text&gt;   &lt;languageCode/&gt;   &lt;entry typeCode="DRIV"&gt;     &lt;!-- template 2.16.756.5.30.1.1.10.4.83 'Observation Media' --&gt;   &lt;/entry&gt; &lt;/section&gt;</pre>					
Item	DT	Card	Conf	Description		Label
h17:section				Contains the original representation of the current CDA document as it has been seen by the legal authenticator while signing.		CDA-CH V2
└ h17:templateId	II	1 ... 1	M			CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.3.45		
└ h17:id	II	0 ... 1		An ID for this section MAY be filled for traceability.		CDA-CH V2
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.		
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.		
└ h17:code	CE	1 ... 1	M			CDA-CH V2
└ @code		1 ... 1	F	55108-5		
└ @codeSystem	CONF		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ @codeSystemName		1 ... 1	F	LOINC		

<code>└ @displayName</code>		<b>1 ... 1</b>	<b>F</b>	Clinical presentation	
<code>└ h17:title</code>	<b>ST</b>	<b>1 ... 1</b>	<b>M</b>	<p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Original Darstellung'</li> <li>▪ [fr]: 'Représentation originale'</li> <li>▪ [it]: 'Rappresentazione originale'</li> <li>▪ [en]: 'Original representation'</li> </ul>	<b>CDA-CH V2</b>
	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'		
<code>└ h17:text</code>	<b>SD.TEXT</b>	<b>1 ... 1</b>	<b>M</b>	MUST contain the reference (renderMultiMedia/@referencedObject) to the corrsponding observationMedia (embedded PDF) that shows the original representation signed by the legal authenticator.	<b>CDA-CH V2</b>
<code>└ h17:renderMultiMedia</code>		<b>1 ... 1</b>	<b>M</b>		<b>CDA-CH V2</b>
<code>└ @referencedObject</code>		<b>1 ... 1</b>	<b>R</b>	The reference to the corrsponding observationMedia element.	

<code>└ h17:entry</code>		<b>1 ... 1</b>	<b>M</b>	Contains 2.16.756.5.30.1.1.10.4.83 <i>Observation Media (DYNAMIC)</i>	CDA-CH V2
<code>where [not(@nullFlavor)] [h17:observationMedia]</code>					
<code>└ @typeCode</code>	<code>st</code>	<b>1 ... 1</b>	<b>F</b>	<b>DRIV</b>	
			<code>role</code>	error	
	Schematron assert		<code>test</code>	hl7:text/hl7:renderMultiMedia/@referencedObject=hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/@ID	
			<code>Message</code>	The referenced multimedia object MUST be declared in an entry of the same section.	
			<code>role</code>	error	
	Schematron assert		<code>test</code>	hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/hl7:value/@mediaType='application/pdf'	
			<code>Message</code>	The referenced multimedia object MUST have the mime type set to 'application/pdf'.	

In jedem Fall ist es Sache der von CDA-CH v2.1 ableitenden Austauschformate, den Einsatz der CDA Sections zu spezifizieren.

### 7.3.4 CDA Entry Level Templates

Zwei Entry Level Templates wurden definiert, die in allen CDA Austauschformaten wiederverwendet werden können:

#### 7.3.4.1 Annotation Comments

<b>Id</b>	2.16.756.5.30.1.1.10.4.2	<b>ref</b>	ch-pcc-	<b>Effective Date</b>	2016-11-11
<b>Status</b>	Under pre-publication review			<b>Version Label</b>	2016
<b>Name</b>	chpcc_entry_AnnotationComments			<b>Display Name</b>	Annotation Comments
<b>Description</b>	This entry allows for a comment to be supplied with each entry.				
<b>Context</b>	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.2				
<b>Label</b>	IHE PCC TF2 Rev.11, 6.3.4.6				

<b>Classification</b>	CDA Entry Level Template															
<b>Open/Closed</b>	Open (other than defined elements are allowed)															
	Associated with 1 concept															
<b>Associated with</b>	<table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>cdachemed-dataelement-39</td> <td>Allgemeine Bemerkungen*</td> <td>Dataset 1</td> </tr> </tbody> </table>				Id	Name	Data Set	cdachemed-dataelement-39	Allgemeine Bemerkungen*	Dataset 1						
Id	Name	Data Set														
cdachemed-dataelement-39	Allgemeine Bemerkungen*	Dataset 1														
	Uses 2 templates															
<b>Uses</b>	<table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.9.14</td> <td>Include</td> <td>Narrative Text Reference (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.9.16</td> <td>Containment</td> <td>Author Compilation with name, addr and telecom (2020)</td> <td>DYNAMIC</td> </tr> </tbody> </table>				Uses	as	Name	Version	2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC	2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC
Uses	as	Name	Version													
2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC													
2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2020)	DYNAMIC													
<b>Relationship</b>	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.2 <i>Comment</i> (2013-12-20) <a href="#">ref epos-</a> Specialization: template 2.16.840.1.113883.10.20.1.40 <i>Befundtext (Anmerkungen und Kommentare)-deprecated</i> (DYNAMIC) <a href="#">ref el-ga-</a>															
<b>Example</b>	<p>Example</p> <pre>&lt;act classCode="ACT" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.2"/&gt;   &lt;templateId root="2.16.840.1.113883.10.20.1.40"/&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/&gt;   &lt;code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/&gt;   &lt;text&gt;     &lt;reference value="#narrtextref"/&gt;   &lt;/text&gt;   &lt;statusCode code="completed"/&gt; &lt;/act&gt;</pre>															
<b>Item</b>	<b>DT</b>	<b>Card</b>	<b>Conf</b>	<b>Description</b>												
h17:act		R		A comment to the parent entry.												
				<span>cdachemed-dataelement-39</span> <span>Allgemeine Bemerkungen*</span> <span>Dataset 1</span>												
				IHE PCC TF2 Rev.11, 6.3.4.6												

<code>└ @classCode</code>	cs	1 ... 1	F	ACT	
<code>└ @moodCode</code>	cs	1 ... 1	F	EVN	
<code>    └ h17:templateId</code>	II	1 ... 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.4.2	
<code>    └ h17:templateId</code>	II	1 ... 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
<code>└ @root</code>	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.40	
<code>    └ h17:templateId</code>	II	1 ... 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
<code>└ @root</code>	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.2	
<code>    └ h17:id</code>	II	0 ... 1		An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.6
<code>└ @root</code>	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.	
<code>└ @extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

<code>└ h17:code</code>	<b>CD</b>	<b>1 ... 1</b>	<b>M</b>		IHE PCC TF2 Rev.11, 6.3.4.6
<code>└ @code</code>	cs	<b>1 ... 1</b>	F	48767-8	
<code>└ @codeSystem</code>	oid	<b>1 ... 1</b>	F	2.16.840.1.113883.6.1	
<code>└ @codeSystemName</code>	st	<b>1 ... 1</b>	F	LOINC	
<code>└ @displayName</code>	st	<b>1 ... 1</b>	F	Annotation comment	
<i>Included</i>		<b>1 ... 1</b>	<b>R</b>	from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference (DYNAMIC)</i> The reference to the text in the narrative section of the section MUST be specified.	
<code>└ h17:text</code>	<b>ED</b>	<b>1 ... 1</b>	<b>M</b>		CDA-CH V2
<code>└ h17:reference</code>	<b>TEL</b>	<b>1 ... 1</b>	<b>M</b>	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
<code>└ @value</code>		<b>1 ... 1</b>	<b>R</b>	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
<b>Schematron assert</b>	<b>role</b>	error			
	<b>test</b>	starts-with(@value,'#')			
	<b>Message</b>	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content> element.			
<b>Variable let</b>	<b>Name</b>	idvalue			
	<b>Value</b>	substring-after(@value,'#')			
<b>Schematron assert</b>	<b>role</b>	error			
	<b>test</b>	ancestor::h17:structuredBody//*[@@ID=\$idvalue]			
	<b>Message</b>	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').			

<code>└ h17:statusCode</code>	CS	1 ... 1	M	The status 'completed' indicates that the comment is final.	IHE PCC TF2 Rev.11, 6.3.4.6
<code>└ @code</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 <i>ActStatusCompleted</i> (DYNAMIC)			
<code>└ h17:author</code>		0 ... *		The author of the comment MAY be specified. Contains 2.16.756.5.30.1.1.10.9.16 <i>Author Compilation with name, addr and telecom</i> (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.6
where [h17:assignedAuthor]					

### 7.3.4.2 Observation Media

Id	2.16.756.5.30.1.1.10.4.83	ref	hl7chcda-	Effective Date	2018-04-18
Status	Under pre-publication review			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)				
Relationship	Specialization: template 2.16.840.1.113883.10.12.304 CDA ObservationMedia (2005-09-07) <a href="#">ref ad1bbrr-</a>				
Example	<b>Example</b> <pre>&lt;observationMedia ID="pdf1"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.83"/&gt;   &lt;id root="2.999" extension="1095634"/&gt;   &lt;languageCode code="en-US"/&gt;   &lt;value xsi:type="ED" mediaType="application/pdf" representation="B64"&gt;JVBERi0xL ... 1DQo1JUVPRg==&lt;/value&gt; &lt;/observationMedia&gt;</pre>				
Item	DT	Card	Conf	Description	Label
h17:observationMedia					CDA-CH V2
└ @id	st	1 ... 1	R	Key for the reference to the narrative part of the document (<renderMultimedia reference-dObject="the Key...">)	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.4.83	
└ h17: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.	
└ h17: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 null-Flavor 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)		
└ h17:value	ED	1 ... 1	R	The Base-64 encoded multimedia object.	CDA-CH V2

<code>└ @representation</code>	cs	<b>1 ... 1 F</b>	B64	
			Indicates that the object is Base-64 encoded.	
<code>└ @mediaType</code>	cs	<b>1 ... 1 R</b>	Mime type of the multimedia object.	
			The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14832 <i>ApplicationMedia</i> Type (DYNAMIC)	
			or	
			The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14835 <i>AudioMedia</i> Type (DYNAMIC)	
			or	
			The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14839 <i>ImageMedia</i> Type (DYNAMIC)	
			or	
			The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14848 <i>ModelMedia</i> Type (DYNAMIC)	
			or	
			The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14850 <i>MultipartMedia</i> Type (DYNAMIC)	
			or	
			The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14825 <i>TextMedia</i> Type (DYNAMIC)	
			or	
			The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14845 <i>VideoMedia</i> Type (DYNAMIC)	
<code>└ hl7:entryRelationship</code>		<b>NP</b>	This template defines only the embedding of multimedia objects in the CDA document.	CDA-CH V2
<code>└ hl7:reference</code>		<b>NP</b>	This template defines only the embedding of multimedia objects in the CDA document.	CDA-CH V2

In jedem Fall ist es Sache der von CDA-CH v2.1 ableitenden Austauschformate, den Einsatz der CDA Entries zu spezifizieren.

### 7.3.5 Other CDA Templates

Die nachfolgenden CDA Header Level Templates werden in alphabetischer Reihenfolge aufgelistet.

#### 7.3.5.1 Address Information Compilation - eCH-0010

<b>Id</b>	2.16.756.5.30.1.1.10.9.35 <small>ref hl7chcda-</small>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	<span>Active</span>	<b>Version Label</b>	2017
<b>Name</b>	cdach_other_AddressInformationCompilation-eCH-0010	<b>Display Name</b>	Address Information Compilation - eCH-0010
<b>Description</b>			
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 <a href="https://www.ech.ch/vechweb/page?p=dossier&amp;documentNumber=eCH-0010&amp;documentVersion=7.0">https://www.ech.ch/vechweb/page?p=dossier&amp;documentNumber=eCH-0010&amp;documentVersion=7.0</a> for more information.			
<b>Label</b>	eCH-0010 V7.0 addressInformation		
<b>Classification</b>	Template type not specified		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Associated with 11 concepts</b>			
<b>Associated with</b>	<b>Id</b>	<b>Name</b>	<b>Data Set</b>
	hl7chcda-dataelement-55	<span>addressLine2</span>	<span>yellow</span> CDA-CH V2 2017
	hl7chcda-dataelement-65	<span>postOfficeBoxNumber</span>	<span>yellow</span> CDA-CH V2 2017
	hl7chcda-dataelement-58	<span>locality</span>	<span>yellow</span> CDA-CH V2 2017
	hl7chcda-dataelement-62	<span>street</span>	<span>yellow</span> CDA-CH V2 2017

	hl7:chcda-dataelement-154	foreignZipCode	CDA-CH V2 2017		
	hl7:chcda-dataelement-64	dwellingNumber	CDA-CH V2 2017		
	hl7:chcda-dataelement-54	addressLine1	CDA-CH V2 2017		
	hl7:chcda-dataelement-63	houseNumber	CDA-CH V2 2017		
	hl7:chcda-dataelement-151	swissZipCode	CDA-CH V2 2017		
	hl7:chcda-dataelement-59	town	CDA-CH V2 2017		
	hl7:chcda-dataelement-85	countryIdISO2	CDA-CH V2 2017		
Example	Swiss postal address				
	<pre>&lt;streetAddressLine&gt;c/o Muster Hans&lt;/streetAddressLine&gt; &lt;streetAddressLine&gt;Chalet Edelweiss&lt;/streetAddressLine&gt; &lt;streetName&gt;Specimengasse&lt;/streetName&gt; &lt;houseNumber&gt;99&lt;/houseNumber&gt; &lt;additionalLocator&gt;3. OG Ost&lt;/additionalLocator&gt; &lt;city&gt;Musterhausen&lt;/city&gt; &lt;postalCode&gt;9999&lt;/postalCode&gt; &lt;country&gt;CH&lt;/country&gt;</pre>				
Example	Foreign postal address				
	<pre>&lt;streetName&gt;Wishard Blvd&lt;/streetName&gt; &lt;houseNumber&gt;1050&lt;/houseNumber&gt; &lt;additionalLocator&gt;RG 5th floor&lt;/additionalLocator&gt; &lt;state&gt;IN&lt;/state&gt; &lt;city&gt;Indianapolis&lt;/city&gt; &lt;postalCode&gt;46240&lt;/postalCode&gt; &lt;country&gt;US&lt;/country&gt;</pre>				
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.	eCH-0010 V7.0 addressInformation

				addressLine1 should be used for personalized addressing (e.g., c/o-Address).	
			© hl7chcda-dataelement-54	addressLine1	● CDA-CH V2 2017
		Schematron assert	<p>role error</p> <p>see eCH-0010 V7.0, section 5.12</p> <p>test string-length(text()) &lt; 151</p> <p>Message eCH-0010 restricts the content length to max. 150 characters</p>		
h17:streetAddressLine	ADXP	0 ... 1		<p>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.</p> <p>addressLine2 should be used for non-personalized address details (e.g., additional location information, e.g. "Chalet Edelweiss").</p>	eCH-0010 V7.0 addressInformation
			© hl7chcda-dataelement-55	addressLine2	● CDA-CH V2 2017
		Schematron assert	<p>role error</p> <p>see eCH-0010 V7.0, section 5.12</p> <p>test string-length(text()) &lt; 151</p> <p>Message eCH-0010 restricts the content length to max. 150 characters</p>		
h17: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
			© hl7chcda-dataelement-62	street	● CDA-CH V2 2017
		Schematron assert	<p>role error</p> <p>see eCH-0010 V7.0, section 5.13</p> <p>test string-length(text()) &lt; 151</p> <p>Message eCH-0010 restricts the content length to max. 150 characters</p>		
h17: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

			 hl7chcda-dataelement-63	 houseNumber	 CDA-CH V2 2017
	Schematron assert		<p>role  error</p> <p>see eCH-0010 V7.0, section 5.14</p> <p>test string-length(text()) &lt; 31</p> <p>Message eCH-0010 restricts the content length to max. 30 characters</p>		
h17: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	
			 hl7chcda-dataelement-64	 dwellingNumber	 CDA-CH V2 2017
	Schematron assert		<p>role  error</p> <p>see eCH-0010 V7.0, section 5.15</p> <p>test string-length(text()) &lt; 31</p> <p>Message eCH-0010 restricts the content length to max. 30 characters</p>		
h17:postBox	ADXP	0 ... 1	C Number of the addressed post box in a maximum length of 8 characters.	eCH-0010 V7.0 addressInformation	
			 hl7chcda-dataelement-65	 postOfficeBoxNumber	 CDA-CH V2 2017
	Schematron assert		<p>role  error</p> <p>see eCH-0010 V7.0, section 5.16</p> <p>test string-length(text()) &lt; 9</p> <p>Message eCH-0010 restricts the content length to max. 8 characters</p>		
h17: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 superordinate, a separate mapping of superordinate and subordinate indication is omitted.	eCH-0010 V7.0 addressInformation	

		⌚ hl7chcda-dataelement-58	🟡 locality	🟡 CDA-CH V2 2017
h17: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
	⌚ hl7chcda-dataelement-59	🟡 town	🟡 CDA-CH V2 2017	
h17: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
	⌚ hl7chcda-dataelement-154 hl7chcda-dataelement-151	🟡 foreignZipCode 🟡 swissZipCode	🟡 CDA-CH V2 2017 🟡 CDA-CH V2 2017	
h17: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
	⌚ hl7chcda-dataelement-85	🟡 countryIdISO2	🟡 CDA-CH V2 2017	
Schematron assert	role	🔴 error		
	see	eCH-0010 V7.0, section 5.24.2		
	test	string-length(text()) < 3		
	Message	eCH-0010 restricts the content length to max. 2 characters		
Schematron assert	role	🔴 error		
	see	eCH-0007		
	test	not(hl7:state) or not(upper-case(hl7:country/text())='CH') or (upper-case(hl7:state/text())='AG', 'AI', 'AR', 'BE', 'BL', 'BS', 'FL', 'FR', 'GE', 'GL', 'GR', 'JU', 'LU', 'NE', 'NW', 'OW', 'SG', 'SH', 'SO', 'SZ', 'TG', 'TI', 'UR',		

	<p>'VD', 'VS', 'ZG', 'ZH'))</p> <p><b>Message</b> eCH-0007 cantonFIAbbreviationType restricts valid state values for Switzerland</p>
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### 7.3.5.2 Assigned Entity Compilation with GLN and name

<b>Id</b> 2.16.756.5.30.1.1.10.9.51 <small>ref hl7chda-</small>	<b>Effective Date</b> 2019-10-24 16:53:35 Other versions this id:		
<b>Status</b>  Draft	<b>Version Label</b> 2020		
<b>Name</b> cdach_other_AssignedEntityCompilationGlnName	<b>Display Name</b> Assigned Entity Compilation with GLN and name		
<b>Description</b>			
Reusable template wherever an assigned entity with a required GLN is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
<b>Label</b> CDA-CH V2			
<b>Classification</b> Template type not specified			
<b>Open/Closed</b> Open (other than defined elements are allowed)			
<b>Associated with 2 concepts</b>			
<b>Associated with</b>	<b>Id</b> hl7chda-dataelement-47 	<b>Name</b> addressInformation	<b>Data Set</b>  CDA-CH V2 2017
	hl7chda-dataelement-162 	personIdentification	 CDA-CH V2 2017
<b>Uses 4 templates</b>			
<b>Uses</b>	<b>Uses</b> 2.16.756.5.30.1.1.10.9.49	<b>as</b> Include	<b>Name</b>  Original Text Reference (2017)
			<b>Version</b> DYNAMIC

	<p>2.16.756.5.30.1.1.10.9.35 Containment  Address Information Compilation - eCH-0010 (2017)</p> <p>2.16.756.5.30.1.1.10.9.34 Containment  Person Name Information Compilation - eCH-0011 (2017)</p> <p>2.16.756.5.30.1.1.10.9.30 Containment  Organization Compilation with GLN and name (2017)</p>	DYNAMIC
Relationship	<p>Specialization: template 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC) <a href="#">ref hl7chcda-</a></p> <p>Specialization: template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (2005-09-07) <a href="#">ref ad1bbr-</a></p>	
Example	<p><b>Example</b></p> <pre>&lt;id root="2.51.1.3" extension="76088888888888"/&gt; &lt;id root="2.999" extension="p98457u-"/&gt; &lt;addr use="WP"&gt;   &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;   &lt;houseNumber&gt;2&lt;/houseNumber&gt;   &lt;city&gt;Musterhausen&lt;/city&gt;   &lt;postalCode&gt;8888&lt;/postalCode&gt;   &lt;country&gt;CH&lt;/country&gt; &lt;/addr&gt; &lt;telecom value="tel:+41.32.234.55.66" use="WP"/&gt; &lt;telecom value="fax:+41.32.234.55.67" use="WP"/&gt; &lt;telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/&gt; &lt;telecom value="http://www.gruppenpraxis.ch" use="WP"/&gt; &lt;assignedPerson&gt;   &lt;name&gt;     &lt;given&gt;Allzeit&lt;/given&gt;     &lt;family&gt;Bereit&lt;/family&gt;     &lt;prefix&gt;Dr. med.&lt;/prefix&gt;   &lt;/name&gt; &lt;/assignedPerson&gt; &lt;representedOrganization&gt;   &lt;id root="2.51.1.3" extension="76099999999999"/&gt;   &lt;name&gt;Gruppenpraxis CH&lt;/name&gt;   &lt;telecom value="tel:+41.32.234.55.66" use="WP"/&gt;   &lt;telecom value="fax:+41.32.234.55.67" use="WP"/&gt;   &lt;telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/&gt;   &lt;telecom value="http://www.gruppenpraxis.ch" use="WP"/&gt;   &lt;addr use="WP"&gt;     &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;     &lt;houseNumber&gt;2&lt;/houseNumber&gt;     &lt;city&gt;Musterhausen&lt;/city&gt;     &lt;postalCode&gt;8888&lt;/postalCode&gt;     &lt;country&gt;CH&lt;/country&gt;   &lt;/addr&gt; &lt;/representedOrganization&gt;</pre>	

Item	DT	Card	Conf	Description	Label
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<b>h17:id</b>	II	1 ... 1	R	The assigned entity's GLN (including the assigned person's GLN).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The GLN itself.	
<b>h17:id</b>	II	0 ... *	R	Other assigned entity's id (including the assigned person's id).	CDA-CH V2
		④ h17chcda-dataelement-162	🟡 personIdentification	🟡 CDA-CH V2 2017	
└ @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.	
<b>h17:code</b>	CE	0 ... 1		shall be drawn from concept domain RoleCode	CDA-CH V2
	CONF			shall be drawn from concept domain "RoleCode"	
<i>Included</i>		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference (DYNAMIC)</i> The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ h17:originalText	ED	0 ... 1	C		CDA-CH V2
└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value="#xxx"]	CDA-CH V2
└ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
Schematron assert		role	🔴 error		
Schematron assert		test	starts-with(@value,'#')		
Schematron assert		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 ' <code>&lt;value-of select="\$idvalue"/&gt;</code> ).		
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.		
└ h17: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		
h17:addr	AD	0 ... *		The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
<span>⌚</span> h17chcda-dataelement-47 <span>🟡</span> addressInformation <span>🟡</span> CDA-CH V2 2017					
h17:telecom	TEL	0 ... *		The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
h17:assignedPerson		0 ... 1		The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
h17:representedOrganization		0 ... 1		The assigned organization. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name (DYNAMIC)</i>	CDA-CH V2

### 7.3.5.3 Assigned Entity Compilation with GLN, name, addr, telecom, person and organization

<b>Id</b>	2.16.756.5.30.1.1.10.9.50 <a href="#">ref hl7chcda-</a>	<b>Effective Date</b>	2019-10-24 16:50:31 Other versions this id: <ul style="list-style-type: none"><li><a href="#">cdach_other_AssignedEntityCompilationGlnNameAddrTelecomPersonOrganization as of 2018-04-18</a></li></ul>
<b>Status</b>	Draft	<b>Version Label</b>	2020
<b>Name</b>	cdach_other_AssignedEntityCompilationGlnNameAddrTelecomPersonOrganization	<b>Display Name</b>	Assigned Entity Compilation with GLN, name, addr, telecom, person and organization
<b>Description</b>			
Reusable template wherever an assigned entity with required GLN, name, addr, telecom, person and organization (also with GLN) are used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
<b>Label</b>	CDA-CH V2		
<b>Classification</b>	Template type not specified		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Associated with</b>	Associated with 2 concepts		
	<b>Id</b>	<b>Name</b>	<b>Data Set</b>
	hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017
	hl7chcda-dataelement-162	personIdentification	CDA-CH V2 2017
<b>Uses</b>	Uses 4 templates		
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	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)
	2.16.756.5.30.1.1.10.9.26	Containment	Organization Compilation with GLN, name, addr and telecom (2017)
<b>Relationship</b>	Specialization: template 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC) <a href="#">ref hl7chcda-</a> Specialization: template 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC) <a href="#">ref hl7chcda-</a>		

## Example

```

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

```

## Example

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... 1	R	The assigned entity's GLN (including the assigned person's GLN).	CDA V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The GLN itself.	
h17:id	II	0 ... *	R	Other assigned entity's id (including the assigned person's id).	CDA V2

				⌚ hl7chcda-dataelement-162	🟡 personIdentification	🟡 CDA-CH V2 2017
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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.		
	h17:code	CE	0 ... 1	shall be drawn from concept domain RoleCode		CDA V2
		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 element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	CDA V2
	└ h17:originalText	ED	0 ... 1	C		CDA V2
	└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='xxx']	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 <content></content> element.	
		Schematron assert	role	🔴 error		
			test	starts-with(@value,'#')		
			Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content> element.		
		Variable let	Name	idvalue		
			Value	substring-after(@value,'#')		
		Schematron assert	role	🔴 error		
			test	ancestor::hl7:structuredBody//*[@@ID=\$idvalue]		
			Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').		
		Schematron assert	role	🔴 error		

			test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=\$idvalue]/text()	
		Message		The originalText content MUST be identical to the narrative text for this reference.	
└ h17:translation		0 ... *		A translation of the code to another coding system.	CDA V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	R		
└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R		
h17:addr	AD	1 ... *	R	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA V2
			⌚ hl7chcda-dataelement-47	🟡 addressInformation	🟡 CDA-CH V2 2017
h17:telecom	TEL	1 ... *	R	The assigned entity's means of communication (phone, eMail, ...).	CDA V2
h17:assignedPerson		1 ... 1	R	The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)	CDA V2
h17:representedOrganization		1 ... 1	R	The assigned organization. Contains 2.16.756.5.30.1.1.10.9.26 Organization Compilation with GLN, name, addr and telecom (DYNAMIC)	CDA V2

#### 7.3.5.4 Assigned Entity Compilation with id

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
----	---------------------------	---------------	----------------	---

Status	Draft	Version Label	2018-04-18																		
Name	cdach_other_AssignedEntityCompilationId	Display Name	Assigned Entity Compilation with id																		
<b>Description</b>																					
Reusable template wherever an assigned entity with a required id is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.																					
Label	CDA-CH V2																				
Classification	Template type not specified																				
Open/Closed	Open (other than defined elements are allowed)																				
Associated with 2 concepts																					
Associated with	<table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>hl7chcda-dataelement-47</td> <td>addressInformation</td> <td>CDA-CH V2 2017</td> </tr> <tr> <td>hl7chcda-dataelement-162</td> <td>personIdentification</td> <td>CDA-CH V2 2017</td> </tr> </tbody> </table>	Id	Name	Data Set	hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017	hl7chcda-dataelement-162	personIdentification	CDA-CH V2 2017											
Id	Name	Data Set																			
hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017																			
hl7chcda-dataelement-162	personIdentification	CDA-CH V2 2017																			
Uses 4 templates																					
Uses	<table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.9.49</td> <td>Include</td> <td>Original Text Reference (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.9.35</td> <td>Containment</td> <td>Address Information Compilation - eCH-0010 (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.9.34</td> <td>Containment</td> <td>Person Name Information Compilation - eCH-0011 (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.9.24</td> <td>Containment</td> <td>Organization Compilation with name (2017)</td> <td>DYNAMIC</td> </tr> </tbody> </table>	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
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 ad1bb-																				
<b>Example</b>																					
Example	<pre>&lt;id root="2.999" extension="p98457u-"/&gt; &lt;addr use="WP"&gt;   &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;   &lt;houseNumber&gt;2&lt;/houseNumber&gt;   &lt;city&gt;Musterhausen&lt;/city&gt;</pre>																				

```

<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="7609999999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http://www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>

```

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... *	R	The assigned entity's id (including the assigned person's id).	CDA-CH V2
	 <a href="#">hi7chcda-dataelement-162</a>		 personIdentification		 CDA-CH V2 2017
└ @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.	
h17:code	CE	0 ... 1		shall be drawn from concept domain RoleCode	CDA-CH V2
	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 element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ h17:originalText	ED	0 ... 1	C		CDA-CH V2
└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value="#xxx"]	CDA-CH V2
└ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::h17: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::h17:structuredBody//*[@@ID=\$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
└ h17: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		

<code>└ @displayName</code>	st	1 ... 1	R		
<code>hl7:addr</code>	AD	0 ... *		The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
			hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017
<code>hl7:telecom</code>	TEL	0 ... *		The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
<code>hl7:assignedPerson</code>		0 ... 1		The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
<code>hl7:representedOrganization</code>		0 ... 1		The assigned organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2

### 7.3.5.5 Assigned Entity Compilation with id, name, addr, telecom, person and organization

<b>Id</b>	2.16.756.5.30.1.1.10.9.32	ref hl7chcda-	<b>Effective Date</b>	2019-10-24 16:38:14 Other versions this id:
<b>Status</b>	Draft		<b>Version Label</b>	2020
<b>Name</b>	cdach_other_AssignedEntityCompilationIdNameAddrTelecomPersonOrganization		<b>Display Name</b>	Assigned Entity Compilation with id, name, addr, telecom, person and organization

#### Description

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

**Label** CDA-CH V2

<b>Classification</b>	Template type not specified		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
<b>Associated with</b>	Associated with 2 concepts		
	<b>Id</b>	<b>Name</b>	<b>Data Set</b>
	hl7chcda-dataelement-47	🟡 addressInformation	🟡 CDA-CH V2 2017
	hl7chcda-dataelement-162	🟡 personIdentification	🟡 CDA-CH V2 2017
<b>Uses</b>	Uses 4 templates		
	<b>Uses</b>	<b>as</b>	<b>Name</b>
	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)
<b>Relationship</b>	Specialization: template 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC) <a href="#">ref hl7chcda-</a>		
<b>Example</b>	<b>Example</b> <pre>&lt;id root="2.999" extension="p98457u-"/&gt; &lt;addr use="WP"&gt;   &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;   &lt;houseNumber&gt;2&lt;/houseNumber&gt;   &lt;city&gt;Musterhausen&lt;/city&gt;   &lt;postalCode&gt;8888&lt;/postalCode&gt;   &lt;country&gt;CH&lt;/country&gt; &lt;/addr&gt; &lt;telecom value="tel:+41.32.234.55.66" use="WP"/&gt; &lt;telecom value="fax:+41.32.234.55.67" use="WP"/&gt; &lt;telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/&gt; &lt;telecom value="http://www.gruppenpraxis.ch" use="WP"/&gt; &lt;assignedPerson&gt;   &lt;name&gt;     &lt;given&gt;Allzeit&lt;/given&gt;     &lt;family&gt;Bereit&lt;/family&gt;     &lt;prefix&gt;Dr. med.&lt;/prefix&gt;   &lt;/name&gt; &lt;/assignedPerson&gt; &lt;representedOrganization&gt;   &lt;id root="2.51.1.3" extension="760999999999"/&gt;</pre>		

```

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

```

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... *	R	The assigned entity's id (including the assigned person's id).	CDA-CH V2
				<span style="color: orange;">●</span> h17chcda-dataelement-162 <span style="color: yellow;">●</span> personIdentification <span style="color: yellow;">●</span> CDA-CH V2 2017	
└ @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.	
h17:code	CE	0 ... 1		shall be drawn from concept domain RoleCode	CDA-CH V2
	CONF			shall be drawn from concept domain "RoleCode"	
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference (DYNAMIC)</i> The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
└ h17:originalText	ED	0 ... 1	C		CDA-CH V2
└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]; reference[@value='#xxx']	CDA-CH V2
└ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		

			test	starts-with(@value,'#')	
		Message		The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content> element.	
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
		role	error		
	Schematron assert	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"/>').		
		role	error		
	Schematron assert	test	parent::*[text()=ancestor::hl7:structuredBody//*[@@ID=\$idvalue]/text()]		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
└ h17: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		
h17:addr	AD	1 ... *	R	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2
	🕒 h17chcda-dataelement-47		🟡 addressInformation		🟡 CDA-CH V2 2017
h17:telecom	TEL	1 ... *	R	The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
h17:assignedPerson		1 ... 1	R	The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011	CDA-CH V2

				(DYNAMIC)	
hl7:representedOrganization		1 ... 1	R	The assigned organization. Contains 2.16.756.5.30.1.1.10.9.33 Organization Compilation with id, name, addr and telecom (DYNAMIC)	CDA-CH V2

### 7.3.5.6 Author

Id	2.16.756.5.30.1.1.10.9.23 [ref hl7chc-data]	Effective Date	2019-09-12 13:48:28 Other versions this id:										
Status	Draft	Version Label	2020										
Name	cdach_other_Author	Display Name	Author										
<b>Description</b>													
Information about the author of a CDA document, section or entry. An author MAY be a person or a device. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template at least in the CDA Header by either reference or specialisation.													
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.9.23												
Label	CDA-CH V2												
Classification	Template type not specified												
Open/Closed	Open (other than defined elements are allowed)												
Associated with 8 concepts													
Associated with	<table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>cdachemed-dataelement-3</td> <td>Name</td> <td>Dataset 1</td> </tr> <tr> <td>cdachemed-dataelement-8</td> <td>Health facility</td> <td>Dataset 1</td> </tr> <tr> <td>cdachemed-dataelement-10</td> <td>Autorin/Autor</td> <td>Dataset 1</td> </tr> </tbody> </table>	Id	Name	Data Set	cdachemed-dataelement-3	Name	Dataset 1	cdachemed-dataelement-8	Health facility	Dataset 1	cdachemed-dataelement-10	Autorin/Autor	Dataset 1
Id	Name	Data Set											
cdachemed-dataelement-3	Name	Dataset 1											
cdachemed-dataelement-8	Health facility	Dataset 1											
cdachemed-dataelement-10	Autorin/Autor	Dataset 1											

	ment-2		
	cdachemed-dataelement-6	First names	Dataset 1
	cdachemed-dataelement-7	Identifier	Dataset 1
	hl7chcda-dataelement-233	Identifier	CDA-CH V2 2017
	hl7chcda-dataelement-234	Health facility	CDA-CH V2 2017
	hl7chcda-dataelement-162	personIdentification	CDA-CH V2 2017
Uses 4 templates			
Uses	Uses	as	Name
	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)
	2.16.756.5.30.1.1.10.9.21	Containment	Device Compilation with name (2017)
	2.16.756.5.30.1.1.10.9.24	Containment	Organization Compilation with name (2017)
Relationship	Specialization: template 2.16.840.1.113883.10.12.102 CDA author (2005-09-07) ref ad1bbr-		
Example	<p>Sample author</p> <pre>&lt;author&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.9.23"/&gt;   &lt;time value="20170905"/&gt;   &lt;assignedAuthor&gt;     &lt;id root="2.51.1.3" extension="760888888888"/&gt;     &lt;assignedPerson&gt;       &lt;name&gt;         &lt;prefix&gt;Dr. med.&lt;/prefix&gt;         &lt;given&gt;Allzeit&lt;/given&gt;         &lt;family&gt;Bereit&lt;/family&gt;       &lt;/name&gt;     &lt;/assignedPerson&gt;     &lt;representedOrganization&gt;       &lt;id root="2.51.1.3" extension="760999999999"/&gt;     &lt;/representedOrganization&gt;   &lt;/assignedAuthor&gt; &lt;/author&gt;</pre>		

	<pre> &lt;name&gt;Gruppenpraxis CH&lt;/name&gt; &lt;telecom value="tel:+41.32.234.55.66" use="WP"/&gt; &lt;telecom value="fax:+41.32.234.55.67" use="WP"/&gt; &lt;telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/&gt; &lt;telecom value="http://www.gruppenpraxis.ch" use="WP"/&gt; &lt;addr use="WP"&gt;   &lt;streetName&gt;Doktorgasse&lt;/streetName&gt;   &lt;houseNumber&gt;2&lt;/houseNumber&gt;   &lt;city&gt;Musterhausen&lt;/city&gt;   &lt;postalCode&gt;8888&lt;/postalCode&gt;   &lt;country&gt;CH&lt;/country&gt; &lt;/addr&gt; &lt;/representedOrganization&gt; &lt;/assignedAuthor&gt; &lt;/author&gt;</pre>					
Item	DT	Card	Conf	Description		Label
h17:author		1 ... *	R	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.		CDA-CH V2
				<span style="color: orange;">⌚</span> cdachemed-dataelement-2 <span style="color: yellow;">🟡</span> Autorin/Autor <span style="color: yellow;">🟡</span> Dataset 1		
└ h17:templateId	II	1 ... 1	M			CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23		
└ h17: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 <i>ParticipationFunction</i> (DYNAMIC)				
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.		CDA-CH V2
└ h17:assignedAuthor		1 ... 1	R			CDA-CH V2
		role	<span style="color: red;">🔴</span> error			
	Schematron assert	test		not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message		For device authors the element representedOrganization is REQUIRED.		

<code>└ hl7:id</code>	II	1 ... 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
				<span style="color: orange;">◎</span> cdachemed-dataelement-7 <span style="color: yellow;">●</span> Identifier <span style="color: yellow;">●</span> Dataset 1 hl7chcda-dataelement-233 <span style="color: yellow;">●</span> Identifier <span style="color: yellow;">●</span> CDA-CH V2 2017 hl7chcda-dataelement-162 <span style="color: yellow;">●</span> personIdentification <span style="color: yellow;">●</span> CDA-CH V2 2017	
<code>└ @nullFlavor</code>	cs	0 ... 1	F	NAV  Temporarily unknown, will be filled later.	
<code>└ @root</code>	cs	0 ... 1	F	2.51.1.3  OID for GS1 GLN.	
<code>└ @extension</code>	st	0 ... 1		The GS1 GLN.	
				role <span style="color: red;">●</span> error Schematron assert <span style="color: red;">●</span> test   (@root='2.51.1.3' and @extension) or (@nullFlavor='NAV') Message   Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	
<code>└ hl7:id</code>	II	0 ... *		Other ids are allowed.	CDA-CH V2
				<span style="color: orange;">◎</span> hl7chcda-dataelement-162 <span style="color: yellow;">●</span> personIdentification <span style="color: yellow;">●</span> CDA-CH V2 2017	
<code>└ @root</code>	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.	
<code>└ @extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
<code>└ hl7:addr</code>	AD	0 ... *		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2

	hl7:telecom	TEL	0 ... *	The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice			1 ... 1	Elements to choose from:	
				<ul style="list-style-type: none"> <li>▪ hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)</li> <li>▪ hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)</li> </ul>	
	hl7:assignedPerson		0 ... 1	The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
				<span style="color: orange;">●</span> cdachemed-dataelement-3 <span style="color: yellow;">●</span> Name <span style="color: yellow;">●</span> Dataset 1 <span style="color: orange;">●</span> cdachemed-dataelement-6 <span style="color: yellow;">●</span> First names <span style="color: yellow;">●</span> Dataset 1	
	hl7:assignedAuthoringDevice		0 ... 1	The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2
	hl7:representedOrganization		0 ... 1	The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
				<span style="color: orange;">●</span> cdachemed-dataelement-8 <span style="color: yellow;">●</span> Health facility <span style="color: yellow;">●</span> Dataset 1 <span style="color: orange;">●</span> hl7chcda-dataelement-234 <span style="color: yellow;">●</span> Health facility <span style="color: yellow;">●</span> CDA-CH V2 2017	

### 7.3.5.7 CDA-CH v2.1 Header Template Compilation

<b>Id</b>	2.16.756.5.30.1.1.10.9.36	<small>ref hl7chcda-</small>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	<span style="color: green;">●</span> Active		<b>Version Label</b>	2017
<b>Name</b>	cdach_other_HeaderTemplateCompilation		<b>Display Name</b>	CDA-CH v2.0 Header Template Compilation
<b>Description</b>				

CDA-CH V2 bases on HL7 CDA R2 (2005) and requires either a nonXMLBody or a StructuredBody. This circumstance is modeled in two separate templates but both MUST contain the same header templates. Therefore this template contains all header templates that are equal for all relevant document level templates. CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.

<b>Label</b>	CDA-CH V2			
<b>Classification</b>	Template type not specified			
<b>Open/Closed</b>	Open (other than defined elements are allowed)			
Uses 22 templates				
Uses	as	Name	Version	
2.16.756.5.30.1.1.10.2.23	Include	Document Id (2017)	DYNAMIC	
2.16.756.5.30.1.1.10.2.44	Include	Document Code (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	
2.16.756.5.30.1.1.10.2.1	Include	Patient - recordTarget (2020)	DYNAMIC	
2.16.756.5.30.1.1.10.9.23	Include	Author (2020)	DYNAMIC	
2.16.756.5.30.1.1.10.2.7	Include	Data Enterer (2017)	DYNAMIC	
2.16.840.1.113883.10.12.154	Include	CDA Informant	DYNAMIC	
2.16.756.5.30.1.1.10.2.3	Include	Custodian (2020)	DYNAMIC	
2.16.756.5.30.1.1.10.2.4	Include	Recipient - informationRecipient (2017)	DYNAMIC	
2.16.756.5.30.1.1.10.2.5	Include	Legal Authenticator (2017)	DYNAMIC	
2.16.756.5.30.1.1.10.2.6	Include	Authenticator (2020)	DYNAMIC	
2.16.756.5.30.1.1.10.2.40	Include	Employer - participant (2020)	DYNAMIC	
2.16.756.5.30.1.1.10.2.15	Include	Insurance - participant (2017)	DYNAMIC	
2.16.756.5.30.1.1.10.2.14	Include	Insurance Card - participant (2017)	DYNAMIC	
2.16.756.5.30.1.1.10.2.43	Include	Patient Contact - participant (2020)	DYNAMIC	

	<p>2.16.756.5.30.1.1.10.2.16    Include  Order Reference - inFulfillmentOf (2017)    DYNAMIC</p> <p>2.16.756.5.30.1.1.10.2.46    Include  Health Service - documentationOf (2019)    DYNAMIC</p> <p>2.16.756.5.30.1.1.10.2.13    Include  Document Replacement - relatedDocument (2020)    DYNAMIC</p> <p>2.16.840.1.113883.10.12.114    Include  CDA Authorization    DYNAMIC</p> <p>2.16.840.1.113883.10.12.113    Include  CDA componentOf    DYNAMIC</p>												
	<p><b>Example</b></p> <pre>&lt;!-- include template cdach_header_DocumentId[2.16.756.5.30.1.1.10.2.23] '?' (dynamic) 1..1 M --&gt; &lt;!-- include template cdach_header_DocumentCode[2.16.756.5.30.1.1.10.2.44] '?' (dynamic) 1..1 M --&gt; &lt;title&gt;CDA-CH v2.0 (2017) Sample Document&lt;/title&gt; &lt;effectiveTime value="201711091350+0100"/&gt; &lt;!-- include template cdach_header_DocumentConfidentialityCode[2.16.756.5.30.1.1.10.2.19] '?' (dynamic) 1..1 M --&gt; &lt;!-- include template cdach_header_DocumentLanguage[2.16.756.5.30.1.1.10.2.22] '?' (dynamic) 1..1 M --&gt; &lt;!-- include template cdach_header_DocumentSetIdAndVersionNumber[2.16.756.5.30.1.1.10.2.20] '?' (dynamic) --&gt; &lt;!-- include template cdach_header_Patient[2.16.756.5.30.1.1.10.2.1] '?' (dynamic) 1..1 R --&gt; &lt;!-- include template cdach_other_Author[2.16.756.5.30.1.1.10.9.23] '?' (dynamic) 1..* M --&gt; &lt;!-- include template cdach_header_DataEnterer[2.16.756.5.30.1.1.10.2.7] '?' (dynamic) 0..1 --&gt; &lt;!-- include template CDAinformant[2.16.840.1.113883.10.12.154] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_Custodian[2.16.756.5.30.1.1.10.2.3] '?' (dynamic) 1..1 R --&gt; &lt;!-- include template cdach_header_InformationRecipient[2.16.756.5.30.1.1.10.2.4] '?' (dynamic) 1..* M --&gt; &lt;!-- include template cdach_header_LegalAuthenticator[2.16.756.5.30.1.1.10.2.5] '?' (dynamic) 0..1 --&gt; &lt;!-- include template cdach_header_Authenticator[2.16.756.5.30.1.1.10.2.6] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_Employer[2.16.756.5.30.1.1.10.2.40] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_Insurance[2.16.756.5.30.1.1.10.2.15] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_InsuranceCard[2.16.756.5.30.1.1.10.2.14] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_PatientContact[2.16.756.5.30.1.1.10.2.43] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_OrderReference[2.16.756.5.30.1.1.10.2.16] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_HealthService[2.16.756.5.30.1.1.10.2.46] '?' (dynamic) 0..* --&gt; &lt;!-- include template cdach_header_DocumentReplacement[2.16.756.5.30.1.1.10.2.13] '?' (dynamic) 0..* --&gt; &lt;!-- include template CDAauthorization[2.16.840.1.113883.10.12.114] '?' (dynamic) 0..* --&gt; &lt;!-- include template CDAcomponentOf[2.16.840.1.113883.10.12.113] '?' (dynamic) 0..1 --&gt;</pre>												
Example	<table border="1"> <thead> <tr> <th>Item</th><th>DT</th><th>Card</th><th>Conf</th><th>Description</th><th>Label</th></tr> </thead> <tbody> <tr> <td>Included</td><td>1 ... 1</td><td>M</td><td></td><td>from 2.16.756.5.30.1.1.10.2.23 Document Id (DYNAMIC)</td><td></td></tr> </tbody> </table>	Item	DT	Card	Conf	Description	Label	Included	1 ... 1	M		from 2.16.756.5.30.1.1.10.2.23 Document Id (DYNAMIC)	
Item	DT	Card	Conf	Description	Label								
Included	1 ... 1	M		from 2.16.756.5.30.1.1.10.2.23 Document Id (DYNAMIC)									

h17:id	II	1 ... 1	M	A unique identifier for each CDA document instance.	CDA-CH V2
				<span style="color: orange;">🕒</span> cdachemed-dataelement-24 <span style="color: yellow;">🟡</span> Identification number of the document <span style="color: yellow;">🟡</span> Dataset 1 <span style="color: green;">🕒</span> hl7chcda-dataelement-217 <span style="color: yellow;">🟡</span> Identification number of the document <span style="color: yellow;">🟡</span> CDA-CH V2 2017	
└ @root	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).	
└ @extension	st	0	NP	NP/not present	
<i>Included</i>		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 Document Code (DYNAMIC)	
h17: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.	CDA-CH V2
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
└ @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 be specified by the CDA-CH V2 derivative.	
└ h17:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
				<span style="color: orange;">🕒</span> hl7chcda-dataelement-218 <span style="color: yellow;">🟡</span> Document type <span style="color: yellow;">🟡</span> CDA-CH V2 2017	
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
└ @codeSystem	oid	1 ... 1	R		
└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	

		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>DocumentEntry.typeCode</i> (DYNAMIC)				
h17:title	<b>ST</b>	<b>1 ... 1</b>	<b>M</b>	The expected titles (at least in English, German, French and Italian) MUST be specified by the CDA-CH V2 derivative.			CDA-CH V2
h17:effectiveTime	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>M</b>	The document's creation date and time. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.			CDA-CH V2
<i>Included</i>		<b>1 ... 1</b>	<b>M</b>	from 2.16.756.5.30.1.1.10.2.19 <i>Document Confidentiality Code</i> (DYNAMIC)			
h17:confidentialityCode	<b>CE (required)</b>	<b>1 ... 1</b>	<b>M</b>	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.			
<div style="display: flex; justify-content: space-between;"> <span>( cdachemed-dataelement-29</span> <span>( Confidentiality level</span> <span>( Dataset 1</span>   <span>hl7chcda-dataelement-222</span> <span>( Confidentiality level</span> <span>( CDA-CH V2 2017</span> </div>							
└ @code	cs	<b>1 ... 1</b>	<b>R</b>	The value of @code MUST be drawn from value set DocumentEntry.confidentialityCode			
└ @codeSystem	oid	<b>1 ... 1</b>	<b>R</b>				
└ @codeSystemName	st	<b>1 ... 1</b>	<b>R</b>				
└ @displayName	st	<b>1 ... 1</b>	<b>R</b>	The value of @displayName MUST be drawn from value set DocumentEntry.confidentialityCode			
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>DocumentEntry.confidentialityCode</i> (DYNAMIC)				
<i>Included</i>		<b>1 ... 1</b>	<b>M</b>	from 2.16.756.5.30.1.1.10.2.22 <i>Document Language</i> (DYNAMIC)			
h17:languageCode	<b>CS</b>	<b>1 ... 1</b>	<b>M</b>	The RFC5646 based language in which the narrative texts in this CDA document instance are written.			
<div style="display: flex; justify-content: space-between;"> <span>( cdachemed-dataelement-26</span> <span>( Language of the document</span> <span>( Dataset 1</span>   <span>hl7chcda-dataelement-219</span> <span>( Language of the document</span> <span>( CDA-CH V2 2017</span> </div>							
		<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)				

Included					from 2.16.756.5.30.1.1.10.2.20 Document Set Id and Version Number (DYNAMIC)
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 test Message	error	(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))))  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
<span style="color: orange;">⌚ cdachemed-dataelement-30</span> <span style="color: yellow;">⌚ Version</span> <span style="color: yellow;">⌚ Dataset 1</span> <span style="color: orange;">⌚ hl7chcda-dataelement-223</span> <span style="color: yellow;">⌚ Version</span> <span style="color: yellow;">⌚ CDA-CH V2 2017</span>					
Included					from 2.16.756.5.30.1.1.10.2.1 Patient - recordTarget (DYNAMIC)
hl7:recordTarget		1 ... 1	R	<p>A human patient for whom this CDA document instance was created.</p> <ul style="list-style-type: none"> <li>▪ <b>Target patient</b> The HL7 CDA R2 (2005) standard allows multiple patients. In order to ensure that the information in a CDA document is unambiguously assigned to one and only patient, a CDA-CH V2 based document MUST contain exactly one patient. Special cases: In exceptional cases (e.g., new-born twins, both having jaundice), multiple documents MUST be created (all of the same content, but each with a unique patient).</li> <li>▪ <b>Patient identifiers</b></li> </ul>	CDA-CH V2

				<p>Multiple ids (patient identification number) MAY be declared. If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of its data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification.</p> <p>The patient identification number MUST be grouped with the OID of its assigning system. The patient identification number MUST be unique within the system identified by the OID.</p> <p>The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid-info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc.</p> <p>OIDs that can't be found in a public OID registry are NOT ALLOWED.</p> <ul style="list-style-type: none"> <li>▪ <b>Pseudonymizing</b> In special cases, the demographic data of the patient are not allowed to be transmitted or they have to be pseudonymized. While HL7 CDA or its derivatives like CDA-CH or Swiss exchange formats nevertheless require these elements in the XML structure, the affected values MUST be replaced by a nullFlavor of type "MSK" (masked), in order to support the required data format structure and simultaneously to shield the real data.</li> </ul>	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
└ h17:patientRole		1 ... 1	R		CDA-CH V2
└ h17:id	II	1 ... *	R	The patient's id.	CDA-CH V2
<span style="color: orange;">⌚</span> cdachemed-dataelement-13 <span style="color: yellow;">🟡</span> Identification number <span style="color: yellow;">🟡</span> Dataset 1					

	hi7chcda-dataelement-162		personIdentification		CDA-CH V2 2017
	hi7chcda-dataelement-228		Identification number		CDA-CH V2 2017
@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.	
h17:addr	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
	cdachemed-dataelement-14		Address (es)		Dataset 1
	hi7chcda-dataelement-47		addressInformation		CDA-CH V2 2017
	hi7chcda-dataelement-229		Address (es)		CDA-CH V2 2017
h17:telecom	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
h17:patient		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
	cdachemed-dataelement-5		Patient/Patientin		Dataset 1
h17:administrativeGenderCode	CE	1 ... 1	R	The patient's gender	CDA-CH V2
	cdachemed-dataelement-12		Gender		Dataset 1
	hi7chcda-dataelement-227		Gender		CDA-CH V2 2017
	hi7chcda-dataelement-183		sex		CDA-CH V2 2017
@code	cs	1 ... 1	R		
@codeSystem	oid	1 ... 1	F	2.16.840.1.113883.5.1	
@codeSystemName	st	1 ... 1	F	HL7 AdministrativeGender	

<code>└ @displayName</code>	st	1 ... 1	R		
<code>└ h17:birthTime</code>	TS.CH.TZ	1 ... 1	R	The patient's birthdate.	CDA-CH V2
				<span style="color: orange;">⌚</span> cdachemed-dataelement-11 <span style="color: yellow;">⌚</span> Date of birth <span style="color: yellow;">⌚</span> Dataset 1 h17chcda-dataelement-181 <span style="color: yellow;">⌚</span> dateOfBirth <span style="color: yellow;">⌚</span> CDA-CH V2 2017 h17chcda-dataelement-226 <span style="color: yellow;">⌚</span> Date of birth <span style="color: yellow;">⌚</span> CDA-CH V2 2017	
<code>└ h17:maritalStatusCode</code>	CE	0 ... 1		The patient's marital status.	CDA-CH V2
				<span style="color: orange;">⌚</span> h17chcda-dataelement-186 <span style="color: yellow;">⌚</span> maritalStatus <span style="color: yellow;">⌚</span> CDA-CH V2 2017	
<code>└ @code</code>	cs	1 ... 1	R		
<code>└ @codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.1.11.12212	
<code>└ @codeSystemName</code>	st	1 ... 1	F	HL7 MaritalStatus	
<code>└ @displayName</code>	st	1 ... 1	R		
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 MaritalStatus (DYNAMIC)	
<code>└ h17:translation</code>		0 ... *		A translation of the code to another coding system	CDA-CH V2
<code>└ @code</code>	cs	1 ... 1	R		
<code>└ @codeSystem</code>	oid	1 ... 1	R		
<code>└ @codeSystemName</code>	st	1 ... 1	R		
<code>└ @displayName</code>	st	1 ... 1	R		

<code>└ h17:religiousAffiliationCode</code>	<b>CE</b>	<b>0 ... 1</b>	The patient's religion.	CDA-CH V2
			<a href="#">h17chcda-dataelement-184</a> religion  CDA-CH V2 2017	
<code>└ @nullFlavor</code>	cs	<b>0 ... 1</b>	F	NAV
<code>└ @code</code>	cs	<b>0 ... 1</b>		
<code>└ @codeSystem</code>	oid	<b>0 ... 1</b>		
<code>└ @codeSystemName</code>	st	<b>0 ... 1</b>		
<code>└ @displayName</code>	st	<b>0 ... 1</b>		
<i>Included</i>				from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference (DYNAMIC)</i>
		<b>0 ... 1</b>	<b>C</b>	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.
<code>└ h17:originalText</code>	<b>ED</b>	<b>0 ... 1</b>	<b>C</b>	CDA-CH V2
<code>└ h17:reference</code>	<b>TEL</b>	<b>1 ... 1</b>	<b>M</b>	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
<code>└ @value</code>		<b>1 ... 1</b>	<b>R</b>	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.
<code>└ Schematron assert</code>	role	error		
	test	starts-with(@value,'#')		
<code>└ Variable let</code>	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content> element.		
	Name	idvalue		
<code>└ Schematron assert</code>	Value	substring-after(@value,'#')		
	role	error		
	test	ancestor::h17:structuredBody//*[@@ID=\$idvalue]		

		<b>Message</b>	No narrative text found for this reference (no content element within this document has an ID that corresponds to ' <code>&lt;value-of select="\$idvalue"/&gt;</code> ').	
		<b>role</b>	 error	
	<b>Schematron assert</b>	<b>test</b>	<code>parent::*/text()=ancestor::hl7:structuredBody//*[@ID=\$idvalue]/text()</code>	
		<b>Message</b>	The originalText content MUST be identical to the narrative text for this reference.	
		<b>role</b>	 error	
	<b>Schematron assert</b>	<b>test</b>	(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)	
		<b>Message</b>	Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.	
 <code>hl7:guardian</code>		<b>0 ... *</b>	The patient's guardian.	CDA-CH V2
 <code>hl7:id</code>	<b>II</b>	<b>0 ... *</b>	The guardian's id.	CDA-CH V2
 <code>@root</code>	<code>uid</code>	<b>1 ... 1</b>	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.	
 <code>@extension</code>	<code>st</code>	<b>0 ... 1</b>	The id itself. It MUST be unique within the issuing system.	
 <code>hl7:code</code>	<b>CE</b>	<b>0 ... 1</b>	The guardian's role.	CDA-CH V2
 <code>@nullFlavor</code>	<code>cs</code>	<b>0 ... 1</b>		
 <code>@code</code>	<code>cs</code>	<b>0 ... 1</b>		
 <code>@codeSystem</code>	<code>oid</code>	<b>0 ... 1</b>	F 2.16.840.1.113883.5.111	
 <code>@codeSystemName</code>	<code>st</code>	<b>0 ... 1</b>	F HL7RoleCode	
 <code>@displayName</code>	<code>st</code>	<b>0 ... 1</b>		
	<b>Schematron assert</b>	<b>role</b>	 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.
<code>hl7:addr</code>	AD	<b>0 ... *</b>		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>
			hl7chcda-dataelement-47	addressInformation  CDA-CH V2 2017
<code>hl7:telecom</code>	TEL	<b>0 ... *</b>		The guardian's means of communication (phone, eMail, ...).
Elements to choose from:				
<i>Choice</i>		<b>1 ... 1</b>		<ul style="list-style-type: none"> <li>▪ hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i></li> <li>▪ hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i></li> </ul>
<code>hl7:guardianPerson</code>				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>
<code>hl7:guardianOrganization</code>				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>
<code>hl7:birthplace</code>		<b>0 ... 1</b>		The patient's birthplace.
			hl7chcda-dataelement-182	placeofBirth  CDA-CH V2 2017
<code>hl7:place</code>		<b>1 ... 1</b>		
<code>hl7:name</code>	EN	<b>0 ... 1</b>		The patient's birthplace name.
<code>hl7:addr</code>	AD	<b>1 ... 1</b>	R	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>

				eCH-0010 (DYNAMIC)		
└ h17:languageCommunication		0 ... *		The patient's language skills.	CDA-CH V2	
└ h17:languageCode	CS	1 ... 1			CDA-CH V2	
<span>⌚ hl7chda-dataelement-164</span> <span>🟡 languageOfCorrespondance</span> <span>🟡 CDA-CH V2 2017</span>						
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)				
└ h17:modeCode	CE	0 ... 1			CDA-CH V2	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbilityMode</i> (DYNAMIC)				
└ h17:proficiencyLevelCode	CE	0 ... 1			CDA-CH V2	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbilityProficiency</i> (DYNAMIC)				
└ h17:preferenceInd	BL	0 ... 1		In case of @value=true it is the patient's correspondence language.	CDA-CH V2	
└ h17:providerOrganization		0 ... 1		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	CDA-CH V2	
<i>Included</i>		1 ... *	M	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)		
h17:author		1 ... *	M	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2	
<span>⌚ cdachemed-dataelement-2</span> <span>🟡 Autorin/Autor</span> <span>🟡 Dataset 1</span>						
└ h17:templateId	II	1 ... 1	M		CDA-CH V2	

<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23	
<code>└ h17:functionCode</code>	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 <i>ParticipationFunction</i> (DYNAMIC)			
<code>└ h17:time</code>	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.	CDA-CH V2
<code>└ h17:assignedAuthor</code>		1 ... 1	R		CDA-CH V2
	role			error	
	Schematron assert	test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
	Message	For device authors the element representedOrganization is REQUIRED.			
<code>└ h17:id</code>	II	1 ... 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
				<span style="color: orange;">⌚</span> cdachemed-dataelement-7 <span style="color: yellow;">🟡</span> Identifier <span style="color: yellow;">🟡</span> Dataset 1 h17chcda-dataelement-233 <span style="color: yellow;">🟡</span> Identifier <span style="color: yellow;">🟡</span> CDA-CH V2 2017 h17chcda-dataelement-162 <span style="color: yellow;">🟡</span> personIdentification <span style="color: yellow;">🟡</span> CDA-CH V2 2017	
<code>└ @nullFlavor</code>	cs	0 ... 1	F	NAV	
				Temporarily unknown, will be filled later.	
<code>└ @root</code>	cs	0 ... 1	F	2.51.1.3	
				OID for GS1 GLN.	
<code>└ @extension</code>	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	
└ h17:id	II	0 ... *	Other ids are allowed.	CDA-CH V2
			④ hl7chcda-dataelement-162	🟡 personIdentification
└ @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.
└ h17:addr	AD	0 ... *		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>
└ h17:telecom	TEL	0 ... *		The author's means of communication (phone, eMail, ...).
Choice		1 ... 1	Elements to choose from:	
			<ul style="list-style-type: none"> <li>hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i></li> <li>hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name (DYNAMIC)</i></li> </ul>	
└ h17:assignedPerson		0 ... 1	The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
			④ cdachemed-dataelement-3	🟡 Name
			cdachemed-dataelement-6	🟡 First names
└ h17:assignedAuthoringDevice		0 ... 1	The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name (DYNAMIC)</i>	CDA-CH V2
└ h17:representedOrganization		0 ... 1	The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2

				<span style="color: orange;">⌚</span> cdachemed-dataelement-8 <span style="color: yellow;">⌚</span> Health facility <span style="color: orange;">⌚</span> hl7chcda-dataelement-234 <span style="color: yellow;">⌚</span> Health facility	<span style="color: yellow;">⌚</span> Dataset 1 <span style="color: yellow;">⌚</span> CDA-CH V2 2017
<i>Included</i>					
			<b>0 ... 1</b>	from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)	
hl7:dataEnterer			<b>0 ... 1</b>	Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
└ hl7:templateId	II		<b>1 ... 1</b>	M	CDA-CH V2
└ @root	uid		<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.7
└ hl7:time	TS.CH.TZ		<b>0 ... 1</b>	Timestamp of the data input.	
└ hl7:assignedEntity			<b>1 ... 1</b>	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)
<i>Included</i>					
hl7:informant			<b>0 ... *</b>	from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)	
└ @typeCode			<b>0 ... 1</b>	F	INF
└ @contextControlCode			<b>0 ... 1</b>	F	OP
Elements to choose from:					
<i>Choice</i>					
			<b>1 ... 1</b>	<ul style="list-style-type: none"> <li>hl7:assignedEntity containing template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)</li> <li>hl7:relatedEntity containing template 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)</li> </ul>	
└ hl7:assignedEntity				Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	
└ hl7:relatedEntity				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	

<i>Included</i>		<b>1 ... 1</b>	<b>R</b>	from 2.16.756.5.30.1.1.10.2.3 <i>Custodian</i> (DYNAMIC)	
h17:custodian		<b>1 ... 1</b>	<b>R</b>	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
└ h17:templateId	II	<b>1 ... 1</b>	<b>M</b>		CDA-CH V2
└ @root	uid	<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.1.10.2.3	
└ h17:assignedCustodian		<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
└ h17:representedCustodianOrganization		<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
└ h17:id	II	<b>1 ... *</b>	<b>M</b>	The custodian's id.	CDA-CH V2
└ @root	uid	<b>1 ... 1</b>	<b>R</b>	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	<b>0 ... 1</b>		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ h17:name	ON	<b>1 ... 1</b>	<b>R</b>	The custodian's name.	CDA-CH V2
		© h17chcda-dataelement-73	organisationName	© CDA-CH V2 2017	
└ h17:telecom	TEL	<b>0 ... 1</b>		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
└ h17:addr	AD	<b>0 ... 1</b>		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
		© h17chcda-dataelement-77	addressInformation	© CDA-CH V2 2017	
<i>Included</i>		<b>1 ... *</b>	<b>M</b>	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)	
h17:informationRecipient		<b>1 ... *</b>	<b>M</b>	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization).	CDA-CH V2
				<b>Recipient types:</b>	

				<ul style="list-style-type: none"> <li>The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.</li> <li>Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).</li> </ul>	
<span style="color: #ccc;">└ @typeCode</span>				<p>The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.</p>	
	cs	0 ... 1			
			CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 x_Information-Recipient (DYNAMIC)	
<span style="color: #ccc;">└ h17:templateId</span>	II	1 ... 1	M		CDA-CH V2
<span style="color: #ccc;">└ @root</span>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4	
<span style="color: #ccc;">└ h17:intendedRecipient</span>		1 ... 1	R		CDA-CH V2
<span style="color: #ccc;">└ h17:id</span>	II	0 ... *	R	The recipient's identification(s).	CDA-CH V2
			④ h17chcda-dataelement-238	Identifier	④ CDA-CH V2 2017
<span style="color: #ccc;">└ @root</span>	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.	
<span style="color: #ccc;">└ @extension</span>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

<code>└ hl7:addr</code>	<b>AD</b>	<b>0 ... *</b>	The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
			 <b>hl7chcda-dataelement-47</b>  <b>addressInformation</b>  <b>CDA-CH V2 2017</b>	
<code>└ hl7:telecom</code>	<b>TEL</b>	<b>0 ... *</b>	The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
<code>└ hl7:informationRecipient</code>		<b>0 ... 1</b>	The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
<code>└ hl7:receivedOrganization</code>		<b>0 ... 1</b>	The addressee organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
			 <b>hl7chcda-dataelement-239</b>  <b>Health facility</b>  <b>CDA-CH V2 2017</b>	
<i>Included</i>				
		<b>0 ... 1</b>	from 2.16.756.5.30.1.1.10.2.5 <i>Legal Authenticator (DYNAMIC)</i>	
<code>hl7:legalAuthenticator</code>		<b>0 ... 1</b>	Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
<code>└ hl7:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>	CDA-CH V2
<code>└ @root</code>	<code>uid</code>	<b>1 ... 1</b>	<code>F</code>	2.16.756.5.30.1.1.10.2.5
<code>└ hl7:time</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	Timestamp of the signature.
<code>└ hl7:signatureCode</code>	<b>CS</b>	<b>1 ... 1</b>	<b>R</b>	CDA-CH V2
<code>└ @code</code>	<code>cs</code>	<b>1 ... 1</b>	<code>F</code>	<code>S</code>
<code>└ @codeSystem</code>	<code>oid</code>	<code>0</code>	<code>NP</code>	NP/not present
<code>└ @codeSystemName</code>	<code>st</code>	<code>0</code>	<code>NP</code>	NP/not present

<code>└ @displayName</code>	st	0	NP	NP/not present	
	<b>CONF</b>		The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)		
<code>└ h17:assignedEntity</code>		<b>1 ... 1</b>	<b>R</b>	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		<b>0 ... *</b>	from 2.16.756.5.30.1.1.10.2.6 <i>Authenticator</i> (DYNAMIC)		
<code>h17:authenticator</code>		<b>0 ... *</b>	Information about an authenticator of a CDA document. An authenticator MUST be a person.		
<code>└ h17:templateId</code>	<b>II</b>	<b>1 ... 1</b>	<b>M</b>		CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1</b>	<b>F</b>	2.16.756.5.30.1.1.10.2.6	
<code>└ h17:time</code>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	<b>R</b>	Timestamp of the signature.	CDA-CH V2
<code>└ h17:signatureCode</code>	<b>CS</b>	<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
<code>└ @code</code>	cs	<b>1 ... 1</b>	<b>F</b>	S	
<code>└ @codeSystem</code>	oid	0	NP	NP/not present	
<code>└ @codeSystemName</code>	st	0	NP	NP/not present	
<code>└ @displayName</code>	st	0	NP	NP/not present	
	<b>CONF</b>		The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)		
<code>└ h17:assignedEntity</code>		<b>1 ... 1</b>	<b>R</b>	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		<b>0 ... *</b>	from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)		
<code>h17:participant</code>		<b>0 ... *</b>	Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.		

<code>└ @typeCode</code>	cs	1 ... 1	F	IND	
└ <code>h17:templateId</code>	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model of Employer.	CDA-CH V2
└ <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.40	
└ <code>h17:templateId</code>		1 ... *	M	CH-PCC ART-DECOR model of IHE PCC Employer and School Contacts.	CDA-CH V2
└ <code>@root</code>	cs	1 ... 1	F	2.16.756.5.30.1.1.10.2.41	
└ <code>h17:templateId</code>	II	1 ... 1	M	IHE PCC Employer and School Contacts.	CDA-CH V2
└ <code>@root</code>	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.2	
└ <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of contract.	CDA-CH V2
└ <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
└ <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
└ <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
└ <code>@classCode</code>	cs	1 ... 1	F	CON	
└ <code>h17:id</code>	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
└ <code>@root</code>	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.	
└ <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
└ <code>h17:code</code>	CE	1 ... 1	R		CDA-CH V2

<code>└ @code</code>	cs	1 ... 1	R		
<code>└ @codeSystem</code>	oid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.3	
<code>└ @codeSystemName</code>	st	1 ... 1	F	IHERoleCode	
<code>└ @displayName</code>	st	0	NP	NP/not present	
	CONF		The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.77 <i>IHERoleCode Employer and School Contacts</i> (DYNAMIC)		
<code>└ h17:associatedPerson</code>		0 ... 1		Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
<code>└ h17:scopingOrganization</code>		1 ... 1		The employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.15 <i>Insurance - participant</i> (DYNAMIC)	
<code>h17:participant</code>		0 ... *		Information on a patient's insurance.	CDA-CH V2
<code>└ @typeCode</code>	cs	1 ... 1	F	COV	
<code>└ h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
<code>└ @root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.15	
<code>└ h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of the contract.	CDA-CH V2
<code>└ h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
<code>└ h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2

<code>└ h17:associatedEntity</code>		<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
<code>└ @classCode</code>	cs	<b>1 ... 1</b>	F	PAYOR	
<code>└ h17:id</code>	II	<b>1 ... 1</b>	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
<code>└ @root</code>	uid	<b>1 ... 1</b>	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.	
<code>└ @extension</code>	st	<b>0 ... 1</b>		The id itself. It MUST be unique within the issuing system.	
<code>└ h17:code</code>	<b>CE</b>	<b>1 ... 1</b>	R	The underlying law for the contract.	CDA-CH V2
<code>└ @nullFlavor</code>	cs	<b>0 ... 1</b>	F	NAV	
<code>└ @code</code>	cs	<b>0 ... 1</b>		832.10, 832.20, 221.229.1, 833.1, 831.20	
<code>└ @codeSystem</code>	oid	<b>0 ... 1</b>	F	2.16.756.5.30.2.1.1.11	
<code>└ @codeSystemName</code>	st	<b>0 ... 1</b>	F	ins-laws	
<code>└ @displayName</code>	st	<b>0 ... 1</b>		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)	
<code>Schematron assert</code>	role		<span style="color: red;">●</span> 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 @codeSystem-Name='ins-laws' and @code and @displayName)	
	Message			Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
<code>└ h17:associatedPerson</code>		<b>0 ... 1</b>		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
<code>└ h17:scopingOrganization</code>		<b>1 ... 1</b>		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 Organization Compilation with GLN,	CDA-CH V2

				<i>name, addr and telecom (DYNAMIC)</i>	
<i>Included</i>		<b>0 ... *</b>		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant (DYNAMIC)</i>	
<i>hl7:participant</i>		<b>0 ... *</b>		Information on a patient's insurance card.	CDA-CH V2
└ <i>@typeCode</i>	cs	<b>1 ... 1</b>	F	HLD	
└ <i>hl7:templateId</i>	II	<b>1 ... 1</b>	M		CDA-CH V2
└ <i>@root</i>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.2.14	
└ <i>hl7:time</i>	<b>IVL_TS.CH.TZ</b>	<b>1 ... 1</b>	R	Validity period of the insurance card.	CDA-CH V2
└ <i>hl7:low</i>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>			CDA-CH V2
└ <i>@nullFlavor</i>	cs	<b>1 ... 1</b>	F	NASK	
└ <i>hl7:high</i>	<b>TS.CH.TZ</b>	<b>1 ... 1</b>	R	Expiration date of the insurance card.	CDA-CH V2
└ <i>hl7:associatedEntity</i>		<b>1 ... 1</b>	R		CDA-CH V2
└ <i>@classCode</i>	cs	<b>1 ... 1</b>	F	POLHOLD	
└ <i>hl7:id</i>	II	<b>1 ... 1</b>	R	The insurance card's id.	CDA-CH V2
└ <i>@root</i>	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.123.100.1.1.1	
└ <i>@extension</i>	st	<b>1 ... 1</b>	R	Number of the insurance card.	
└ <i>hl7:associatedPerson</i>		<b>0 ... 1</b>		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
└ <i>hl7:scopingOrganization</i>		<b>0 ... 1</b>		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i>	CDA-CH V2

				(DYNAMIC)	
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.43 Patient Contact - participant (DYNAMIC)	
h17:participant		0 ... *		Information on a patient contact.	CDA-CH V2
@typeCode	cs	1 ... 1	F	IND	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
@root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.43	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
@root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└ h17:time	IVL_TS.CH.TZ	0 ... 1		Validity period of the participation.	CDA-CH V2
└ h17:low	TS.CH.TZ	1 ... 1	R	Start of participation.	CDA-CH V2
└ h17:high	TS.CH.TZ	1 ... 1	R	End of participation.	CDA-CH V2
└ h17:associatedEntity		1 ... 1	R	Either the contact person or the contact's organization SHALL be present.	CDA-CH V2
└ @classCode				The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
└ h17:code	CE	1 ... 1	R	The contact's role.	CDA-CH V2
└ @nullFlavor	CS	0 ... 1			

<code>└ @code</code>	cs	<b>0 ... 1</b>		
<code>└ @codeSystem</code>	oid	<b>0 ... 1</b>	F	2.16.840.1.113883.5.111
<code>└ @codeSystemName</code>	st	<b>0 ... 1</b>	F	HL7RoleCode
<code>└ @displayName</code>	st	<b>0 ... 1</b>		
	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.	
<code>└ hl7:addr</code>	AD	<b>0 ... *</b>	The contact's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010 (DYNAMIC)</i>	CDA-CH V2
<span style="color: orange;">⌚</span> hl7chcda-dataelement-47 <span style="color: yellow;">📍</span> addressInformation <span style="color: yellow;">⌚</span> CDA-CH V2 2017				
<code>└ hl7:telecom</code>	TEL	<b>0 ... *</b>	The contact's means of communication (phone, eMail, ...).	CDA-CH V2
<code>└ hl7:associatedPerson</code>		<b>0 ... 1</b>	C The contact person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011 (DYNAMIC)</i>	CDA-CH V2
<code>└ hl7:scopingOrganization</code>		<b>0 ... 1</b>	C The contact's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name (DYNAMIC)</i>	CDA-CH V2
	Schematron assert	role	error	
		test	@classCode=('AGNT','CAREGIVER','ECON','NOK','PRS')	
		Message	The classCode attribute shall be present, and contains a value from the set AGNT, CAREGIVER, ECON, NOK, or PRS to identify contacts that are agents of the patient, care givers, emergency contacts, next of kin, or other relations respectively.	
<i>Included</i>		<b>0 ... *</b>	from 2.16.756.5.30.1.1.10.2.16 <i>Order Reference - inFulfillmentOf (DYNAMIC)</i>	

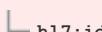
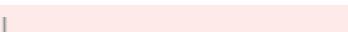
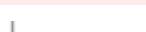
h17:inFulfillmentOf		0 ... *		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16	
└ h17:order		1 ... 1	R		CDA-CH V2
└ h17: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.	
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)	
h17:documentationOf		0 ... *		Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	CS	1 ... 1	F	DOC	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46	
└ h17:serviceEvent		1 ... 1	R		CDA-CH V2
└ @classCode	CS	1 ... 1	F	ACT	
└ @moodCode	CS	1 ... 1	F	EVN	
└ h17:id	II	0 ... *		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2

<code>└ @root</code>	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.	
<code>└ @extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
<code>└ h17:code</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
<code>└ @nullFlavor</code>	st	1 ... 1	F	NAV	
<code>└ @code</code>	cs	0	NP	NP/not present	
<code>└ @codeSystem</code>	oid	0	NP	NP/not present	
<code>└ @codeSystemName</code>	st	0	NP	NP/not present	
<code>└ @displayName</code>	st	0	NP	NP/not present	
<code>└ h17:translation</code>		0 ... *		A translation of the code to another coding system.	CDA-CH V2
<code>└ @code</code>	cs	1 ... 1	R		
<code>└ @codeSystem</code>	oid	1 ... 1	R		
<code>└ @codeSystemName</code>	st	1 ... 1	R		
<code>└ @displayName</code>	st	1 ... 1	R		
<code>└ h17:effectiveTime</code>	IVL_TS.CH.TZ	1 ... 1	R	Duration of the health service.	CDA-CH V2
<code>└ h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the health service.	CDA-CH V2
<code>└ h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the health service.	CDA-CH V2

<i>Included</i>		<b>0 ... *</b>	from 2.16.756.5.30.1.1.10.9.31 <i>Performer</i> (DYNAMIC)		
	└ h17:performer		<b>0 ... *</b>	Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
	└ @typeCode	cs	<b>1 ... 1</b>	F	PRF
	└ h17:templateId	II	<b>1 ... 1</b>	M	
	└ @root	uid	<b>1 ... 1</b>	F	2.16.756.5.30.1.1.10.9.31
	└ h17:templateId		<b>1 ... 1</b>	R	
	└ @root	uid	<b>1 ... 1</b>	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5
	└ h17:templateId		<b>1 ... 1</b>	R	
	└ @root	uid	<b>1 ... 1</b>	F	2.16.840.1.113883.10.12.323
	└ h17:time	IVL_TS.CH.TZ	<b>0 ... 1</b>		Duration of the performance.
	└ h17:low	TS.CH.TZ	<b>1 ... 1</b>	R	Start of the performance.
	└ h17:high	TS.CH.TZ	<b>1 ... 1</b>	R	End of the performance.
	└ h17:assignedEntity		<b>1 ... 1</b>	R	Contains 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC)
<i>Included</i>		<b>0 ... *</b>	from 2.16.756.5.30.1.1.10.2.13 <i>Document Replacement - relatedDocument</i> (DYNAMIC)		
	h17:relatedDocument		<b>0 ... *</b>	Relationship to another CDA-CH V2 based document that is replaced by the current one.	CDA-CH V2

					<p><b>Notes:</b> 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/mark as deleted/deprecated) and all values in the new document MUST be marked as valid:</p> <ul style="list-style-type: none"> <li>▪ Values that were only contained in the previous document have to be treated as deleted.</li> <li>▪ Values that are present in both documents are overwritten with the contents of the new document.</li> <li>▪ Values that are only contained in the new document are to be added.</li> </ul>	
└ @typeCode	cs	1 ... 1	F	RPLC		
					Indicates that it is a relationship to another document that needs to be replaced.	
└ h17:templateID	II	1 ... 1	M			CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.13		
└ h17:parentDocument		1 ... 1	R	Relationship to the document that needs to be replaced.		CDA-CH V2
└ h17: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		

<code>└ hl7:setId</code>	II	1 ... 1	M	The setId of the document to be replaced MUST be declared.	CDA-CH V2
<code>└ @extension</code>	st	0	NP	NP/not present	
<code>└ @root</code>	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.	
		role	<span style="color: red;">●</span> error		
	Schematron assert	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		
<code>└ hl7:versionNumber</code>	INT	1 ... 1	M	The version number of the document to be replaced.	CDA-CH V2
		role	<span style="color: red;">●</span> error		
	Schematron assert	test	/hl7:ClinicalDocument/hl7:versionNumber/@value > @value		
		Message	ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document		
<i>Included</i>		0 ... *		from 2.16.840.1.113883.10.12.114 CDA Authorization (DYNAMIC)	
<code>    hl7:authorization</code>		0 ... *			CDA-CH V2
<code>    └ @typeCode</code>		0 ... 1	F	AUTH	
<code>    └ hl7:consent</code>		1 ... 1			CDA-CH V2
<code>    └ @classCode</code>		0 ... 1	F	CONS	
<code>    └ @moodCode</code>		0 ... 1	F	EVN	
<code>        └ hl7:id</code>	II	0 ... *			CDA-CH V2
<code>        └ hl7:code</code>	CE	0 ... 1			CDA-CH V2

		<b>CONF</b>	shall be drawn from concept domain "ActCode"		
 h17:statusCode	<b>CS</b>	<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
 @code	<b>CONF</b>	<b>0 ... 1</b>	<b>F</b>	completed	
<i>Included</i>					
		<b>0 ... 1</b>		from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)	
 h17:componentOf		<b>0 ... 1</b>			CDA-CH V2
 @typeCode		<b>0 ... 1</b>	<b>F</b>	COMP	
 h17:encompassingEncounter		<b>1 ... 1</b>			CDA-CH V2
 @classCode		<b>0 ... 1</b>	<b>F</b>	ENC	
 @moodCode		<b>0 ... 1</b>	<b>F</b>	EVN	
 h17:id	<b>II</b>	<b>0 ... *</b>			CDA-CH V2
 h17:code	<b>CE</b>	<b>0 ... 1</b>			CDA-CH V2
	<b>CONF</b>	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 ActEncounter-Code (DYNAMIC)			
 h17:effectiveTime	<b>IVL_TS</b>	<b>1 ... 1</b>	<b>R</b>		CDA-CH V2
 h17:dischargeDispositionCode	<b>CE</b>	<b>0 ... 1</b>			CDA-CH V2
	<b>CONF</b>	shall be drawn from concept domain "EncounterDischargeDisposition"			
 h17:responsibleParty		<b>0 ... 1</b>		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
 @typeCode		<b>0 ... 1</b>	<b>F</b>	RESP	

<code>└ h17:encounterParticipant</code>		<b>0 ... *</b>			CDA-CH V2
<code>└ @typeCode</code>	CS	<b>1 ... 1</b>	R		
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19600 <i>x_Encounter-Participant</i> (DYNAMIC)			
<code>└ h17:time</code>	IVL_TS	<b>0 ... 1</b>			CDA-CH V2
<code>└ h17:assignedEntity</code>		<b>1 ... 1</b>		Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2
<code>└ h17:location</code>		<b>0 ... 1</b>			CDA-CH V2
<code>└ @typeCode</code>		<b>0 ... 1</b>	F	LOC	
<code>└ h17:healthCareFacility</code>		<b>1 ... 1</b>			CDA-CH V2
<code>└ @classCode</code>		<b>0 ... 1</b>	F	SDLOC	
<code>└ h17:id</code>	II	<b>0 ... *</b>			CDA-CH V2
<code>└ h17:code</code>	CE	<b>0 ... 1</b>			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocationRoleType</i> (DYNAMIC)			
<code>└ h17:location</code>		<b>0 ... 1</b>		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)	CDA-CH V2
<code>└ h17:serviceProviderOrganization</code>		<b>0 ... 1</b>		Contains 2.16.840.1.113883.10.12.151 <i>CDA Organization</i> (DYNAMIC)	CDA-CH V2

### 7.3.5.8 Device Compilation with name

<b>Id</b>	2.16.756.5.30.1.1.10.9.21	<small>[ref <a href="#">hl7chcda-</a>]</small>	<b>Effective Date</b>	2018-04-18	
<b>Status</b>	<span style="color: green;">●</span> Active		<b>Version Label</b>	2017	
<b>Name</b>	cdach_other_DeviceCompilationWithName		<b>Display Name</b>	Device Compilation with name	
<b>Description</b>					
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).					
<b>Label</b>	CDA-CH V2				
<b>Classification</b>	Template type not specified				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.315 CDA Device (2005-09-07)				
<b>Example</b>	<p><b>Software</b></p> <pre>&lt;manufacturerModelName&gt;4.0&lt;/manufacturerModelName&gt; &lt;softwareName&gt;New generation KIS&lt;/softwareName&gt;</pre>				
<b>Example</b>	<p><b>Physical device</b></p> <pre>&lt;manufacturerModelName&gt;w872&lt;/manufacturerModelName&gt; &lt;softwareName&gt;Pipette laboratory analyzer&lt;/softwareName&gt;</pre>				
Item	DT	Card	Conf	Description	Label
h17:manufacturerModelName	SC	0 ... 1		The model name of the device MAY be declared.	CDA-CH V2
h17:softwareName	SC	1 ... 1	R	<p>The name of the device MUST be declared.</p> <p><b>Note:</b> Although this element is called softwareName, it contains also the name of physical devices (e.g. laboratory analyzer).</p>	CDA-CH V2

### 7.3.5.9 Narrative Text Reference

<b>Id</b>	2.16.756.5.30.1.1.10.9.14	<small>[ref <a href="#">hl7chcda-</a>]</small>	<b>Effective Date</b>	2018-04-18
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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)					
Example	<b>Example</b> <pre>&lt;text&gt;   &lt;reference value="#nartext1"/&gt; &lt;/text&gt;</pre>					
Item	DT	Card	Conf	Description		Label
h17:text	ED	1 ... 1	M			CDA-CH V2
└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']		CDA-CH V2
└ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.		
	Schematron assert	role	error			
		test	starts-with(@value,'#')			
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content> element.			
	Variable let	Name	idvalue			
		Value	substring-after(@value,'#')			
		role	error			
	Schematron assert	test	ancestor::h17:structuredBody//*[@@ID=\$idvalue]			
		Message	No narrative text found for this reference (no content element within this docu-			

ment has an ID that corresponds to '<value-of select="\$idvalue"/>').

### 7.3.5.10 Organization Compilation with GLN and name

<b>Id</b>	2.16.756.5.30.1.1.10.9.30 <small>ref hl7chcda-</small>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	Active	<b>Version Label</b>	2017
<b>Name</b>	cdach_other_OrganizationCompilationGlnName	<b>Display Name</b>	Organization Compilation with GLN and name
<b>Description</b>			
Reusable template wherever an organization with required GLN as id and name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
<b>Label</b>	CDA-CH V2	<b>Data Set</b>	
<b>Classification</b>	Template type not specified	<b>Data Set</b>	
<b>Open/Closed</b>	Open (other than defined elements are allowed)	<b>Data Set</b>	
<b>Associated with</b>			
Associated with 4 concepts			
<b>Associated with</b>	<b>Id</b>	<b>Name</b>	<b>Data Set</b>
	hl7chcda-dataelement-73	organisationName	CDA-CH V2 2017
	hl7chcda-dataelement-75	organisationNameAddOn2	CDA-CH V2 2017
	hl7chcda-dataelement-77	addressInformation	CDA-CH V2 2017
<b>Uses</b>	hl7chcda-dataelement-74	organisationNameAddOn1	CDA-CH V2 2017
	<b>Uses 1 template</b>		
	<b>Uses</b>	<b>as</b>	<b>Name</b>
			<b>Version</b>

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC) <small>ref hl7chcda-</small>				
Example	Example				
Item	DT	Card	Conf	Description	Label
hl7:id	II	1 ... 1	R	The organization's id (GLN).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The organization's GLN.	
hl7:id	II	0 ... *		Other organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
	 hl7chcda-dataelement-73  organisationName  CDA-CH V2 2017  hl7chcda-dataelement-75  organisationNameAddOn2  CDA-CH V2 2017  hl7chcda-dataelement-74  organisationNameAddOn1  CDA-CH V2 2017				
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 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
	 hl7chcda-dataelement-77  addressInformation  CDA-CH V2 2017				

### 7.3.5.11 Organization Compilation with GLN, name, addr and telecom

<b>Id</b>	2.16.756.5.30.1.1.10.9.26	<b>ref</b>	hl7chcda-	<b>Effective Date</b>	2018-04-18			
<b>Status</b>	Active			<b>Version Label</b>	2017			
<b>Name</b>	cdach_other_OrganizationCompilationGlnNameAddrTelecom	<b>Display Name</b>	Organization Compilation with GLN, name, addr and telecom					
<b>Description</b>								
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.								
<b>Label</b>	CDA-CH V2							
<b>Classification</b>	Template type not specified							
<b>Open/Closed</b>	Open (other than defined elements are allowed)							
<b>Associated with</b>	Associated with 4 concepts							
	<b>Id</b>	<b>Name</b>						
	hl7chcda-dataelement-75	organisationNameAddOn2						
	hl7chcda-dataelement-73	organisationName						
	hl7chcda-dataelement-77	addressInformation						
<b>Uses</b>	<b>Id</b>	<b>Name</b>	<b>Data Set</b>					
	hl7chcda-dataelement-74	organisationNameAddOn1	CDA-CH V2 2017					
	2.16.756.5.30.1.1.10.9.35	Containment	CDA-CH V2 2017					
	2.16.756.5.30.1.1.10.9.35	Containment	CDA-CH V2 2017					
	2.16.756.5.30.1.1.10.9.35	Containment	CDA-CH V2 2017					
<b>Relationship</b>	Specialization: template 2.16.756.5.30.1.1.10.9.33 <i>Organization Compilation with id, name, addr and telecom</i> (DYNAMIC)							
	<b>ref</b>							

Example	Example					
	<pre> &lt;id root="2.51.1.3" extension="7601111111111111"/&gt; &lt;name&gt;Fuchsbau Medical Services AG&lt;/name&gt; &lt;telecom value="tel:+41.99.888.77.66" use="WP"/&gt; &lt;telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/&gt; &lt;telecom value="https://fuchsbau-medical-services.ch" use="WP"/&gt; &lt;addr&gt;   &lt;streetName&gt;Specimengasse&lt;/streetName&gt;   &lt;houseNumber&gt;99&lt;/houseNumber&gt;   &lt;city&gt;Musterhausen&lt;/city&gt;   &lt;postalCode&gt;9999&lt;/postalCode&gt;   &lt;country&gt;CH&lt;/country&gt; &lt;/addr&gt; </pre>					
Item	DT	Card	Conf	Description	Label	
h17: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.		
h17:id	II	0 ... *		Other organization's id.	CDA-CH V2	
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.		
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.		
h17:name	ON	1 ... *	R	The organization's name.	CDA-CH V2	
	<span style="color: orange;">◎</span> h17chcda-dataelement-75 <span style="color: yellow;">●</span> organisationNameAddOn2 <span style="color: yellow;">●</span> CDA-CH V2 2017 h17chcda-dataelement-73 <span style="color: yellow;">●</span> organisationName <span style="color: yellow;">●</span> CDA-CH V2 2017 h17chcda-dataelement-74 <span style="color: yellow;">●</span> organisationNameAddOn1 <span style="color: yellow;">●</span> CDA-CH V2 2017					
h17:telecom	TEL	1 ... *	R	The organization's means of communication (phone, eMail, ...).	CDA-CH V2	
h17: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	

⌚ hl7hcda-dataelement-77

📍 addressInformation

🟡 CDA-CH V2 2017

### 7.3.5.12 Organization Compilation with id, name, addr and telecom

<b>Id</b>	2.16.756.5.30.1.1.10.9.33	ref <a href="#">hl7hcda-</a>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	🟢 Active		<b>Version Label</b>	2017
<b>Name</b>	cdach_other_OrganizationCompilationIdNameAddrTelecom		<b>Display Name</b>	Organization Compilation with id, name, addr and telecom
<b>Description</b>				
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.				
<b>Label</b>	CDA-CH V2			
<b>Classification</b>	Template type not specified			
<b>Open/Closed</b>	Open (other than defined elements are allowed)			
<b>Associated with</b>	Associated with 4 concepts			
	<b>Id</b>	<b>Name</b>	<b>Data Set</b>	
	hl7hcda-dataelement-75	🟡 organisationNameAddOn2	🟡 CDA-CH V2 2017	
	hl7hcda-dataelement-73	🟡 organisationName	🟡 CDA-CH V2 2017	
	hl7hcda-dataelement-77	🟡 addressInformation	🟡 CDA-CH V2 2017	
<b>Uses</b>	Uses 1 template			

	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 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC) <small>ref hl7chcda-</small>			
Example	<p><b>Example</b></p> <pre>&lt;id root="2.999" extension="432ohjb"/&gt; &lt;name&gt;Fuchsbau Medical Services AG&lt;/name&gt; &lt;telecom value="tel:+41.99.888.77.66" use="WP"/&gt; &lt;telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/&gt; &lt;telecom value="https://fuchsbau-medical-services.ch" use="WP"/&gt; &lt;addr&gt;   &lt;streetName&gt;Specimengasse&lt;/streetName&gt;   &lt;houseNumber&gt;99&lt;/houseNumber&gt;   &lt;city&gt;Musterhausen&lt;/city&gt;   &lt;postalCode&gt;9999&lt;/postalCode&gt;   &lt;country&gt;CH&lt;/country&gt; &lt;/addr&gt;</pre>			
Item	DT	Card	Conf	Description
h17:id	II	1 ... *	R	The organization'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 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.
h17:name	ON	1 ... *	R	The organization's name.
	h17chcda-dataelement-75     organisationNameAddOn2     CDA-CH V2 2017 h17chcda-dataelement-73     organisationName     CDA-CH V2 2017 h17chcda-dataelement-74     organisationNameAddOn1     CDA-CH V2 2017			
h17:telecom	TEL	1 ... *	R	The organization's means of communication (phone, eMail, ...).
h17: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)

### 7.3.5.13 Organization Compilation with name

<b>Id</b>	2.16.756.5.30.1.1.10.9.24	<b>ref</b>	hl7chcda-	<b>Effective Date</b>	2018-04-18
<b>Status</b>	Active			<b>Version Label</b>	2017
<b>Name</b>	cdach_other_OrganizationCompilationWithName			<b>Display Name</b>	Organization Compilation with name
<b>Description</b>					
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.					
<b>Label</b>	CDA-CH V2				
<b>Classification</b>	Template type not specified				
<b>Open/Closed</b>	Open (other than defined elements are allowed)				
<b>Associated with</b>	Associated with 4 concepts				
	<b>Id</b>	<b>Name</b>	<b>Data Set</b>		
	hl7chcda-dataelement-75	organisationNameAddOn2	⑥ CDA-CH V2 2017		
	hl7chcda-dataelement-73	organisationName	⑥ CDA-CH V2 2017		
	hl7chcda-dataelement-77	addressInformation	⑥ CDA-CH V2 2017		
<b>Uses</b>	Uses 1 template				
	<b>Uses</b>	<b>as</b>	<b>Name</b>	<b>Version</b>	

	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) <a href="#">ref ad1bbr-</a>				
Example	<b>Example</b> <name>Fuchsbau Medical Services AG</name>				
Item	DT	Card	Conf	Description	Label
h17: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.	
h17:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
				 hl7chcda-dataelement-75  organisationNameAddOn2  CDA-CH V2 2017 hl7chcda-dataelement-73  organisationName  CDA-CH V2 2017 hl7chcda-dataelement-74  organisationNameAddOn1  CDA-CH V2 2017	
h17:telecom	TEL	0 ... *		The organization's means of communication (phone, eMail, ...).	CDA-CH V2
h17: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
				 hl7chcda-dataelement-77  addressInformation  CDA-CH V2 2017	

### 7.3.5.14 Organization Compilation with name, addr, telecom

Id	2.16.756.5.30.1.1.10.9.27	<a href="#">ref hl7chcda-</a>	Effective Date	2018-04-18
Status	 Active		Version Label	2017

Name	cdach_other_OrganizationCompilationWithNameAddrTelecom	Display Name	Organization Compilation with name, addr, telecom													
<b>Description</b>																
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)															
Associated with 4 concepts																
Associated with	<table border="1"> <thead> <tr> <th>Id</th> <th>Name</th> <th>Data Set</th> </tr> </thead> <tbody> <tr> <td>hl7chcda-dataelement-75</td><td>organisationNameAddOn2</td><td>CDA-CH V2 2017</td></tr> <tr> <td>hl7chcda-dataelement-73</td><td>organisationName</td><td>CDA-CH V2 2017</td></tr> <tr> <td>hl7chcda-dataelement-77</td><td>addressInformation</td><td>CDA-CH V2 2017</td></tr> <tr> <td>hl7chcda-dataelement-74</td><td>organisationNameAddOn1</td><td>CDA-CH V2 2017</td></tr> </tbody> </table>	Id	Name	Data Set	hl7chcda-dataelement-75	organisationNameAddOn2	CDA-CH V2 2017	hl7chcda-dataelement-73	organisationName	CDA-CH V2 2017	hl7chcda-dataelement-77	addressInformation	CDA-CH V2 2017	hl7chcda-dataelement-74	organisationNameAddOn1	CDA-CH V2 2017
Id	Name	Data Set														
hl7chcda-dataelement-75	organisationNameAddOn2	CDA-CH V2 2017														
hl7chcda-dataelement-73	organisationName	CDA-CH V2 2017														
hl7chcda-dataelement-77	addressInformation	CDA-CH V2 2017														
hl7chcda-dataelement-74	organisationNameAddOn1	CDA-CH V2 2017														
Uses 1 template																
Uses	<table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.9.35</td><td>Containment</td> <td>Address Information Compilation - eCH-0010 (2017)</td><td>DYNAMIC</td></tr> </tbody> </table>	Uses	as	Name	Version	2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC							
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 <i>Organization Compilation with name</i> (DYNAMIC) ref hl7chcda-															
Example	<b>Example</b> <pre>&lt;name&gt;Fuchsbau Medical Services AG&lt;/name&gt; &lt;telecom value="tel:+41.99.888.77.66" use="WP"/&gt; &lt;telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/&gt; &lt;telecom value="https://fuchsbau-medical-services.ch" use="WP"/&gt; &lt;addr&gt;</pre>															

	<pre> &lt;streetName&gt;Specimengasse&lt;/streetName&gt; &lt;houseNumber&gt;99&lt;/houseNumber&gt; &lt;city&gt;Musterhausen&lt;/city&gt; &lt;postalCode&gt;9999&lt;/postalCode&gt; &lt;country&gt;CH&lt;/country&gt; &lt;/addr&gt; </pre>					
Item	DT	Card	Conf	Description	Label	
h17:id	II	0 ... *	R	The organization's id.	CDA-CH V2	
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.		
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.		
h17:name	ON	1 ... *	R	The organization's name.	CDA-CH V2	
	<span style="color: orange;">⌚</span> h17chcda-dataelement-75 <span style="color: yellow;">⌚</span> organisationNameAddOn2 <span style="color: yellow;">⌚</span> CDA-CH V2 2017 <span style="color: orange;">⌚</span> h17chcda-dataelement-73 <span style="color: yellow;">⌚</span> organisationName <span style="color: yellow;">⌚</span> CDA-CH V2 2017 <span style="color: orange;">⌚</span> h17chcda-dataelement-74 <span style="color: yellow;">⌚</span> organisationNameAddOn1 <span style="color: yellow;">⌚</span> CDA-CH V2 2017					
h17:telecom	TEL	1 ... *	R	The organization's means of communication (phone, eMail, ...).	CDA-CH V2	
h17: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	
	<span style="color: orange;">⌚</span> h17chcda-dataelement-77 <span style="color: yellow;">⌚</span> addressInformation <span style="color: yellow;">⌚</span> CDA-CH V2 2017					

### 7.3.5.15 Original Text Reference

Id	2.16.756.5.30.1.1.10.9.49 [ref h17chcda-]	Effective Date	2018-04-18
Status	<span style="color: green;">●</span> Active	Version Label	2017
Name	cdach_other_OriginalTextElementWithReferenceToNarrativeText	Display Name	Original Text Ref-

## 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.

<b>Label</b>	CDA-CH V2
<b>Classification</b>	Template type not specified
<b>Open/Closed</b>	Open (other than defined elements are allowed)
<b>Example</b>	<b>Example</b> <pre>&lt;originalText&gt;   demo     &lt;reference value="#nartext1"/&gt; &lt;/originalText&gt;</pre>

Item	DT	Card	Conf	Description	Label
h17:originalText	ED	0 ... 1	C		CDA-CH V2
└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value="#xxx"]	CDA-CH V2
└ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
				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,'#')	
				role  error test ancestor::h17: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 <code>parent::*/text()=ancestor::hl7:structuredBody//*[@ID=\$idvalue]/text()</code>
	Message The originalText content MUST be identical to the narrative text for this reference.

### 7.3.5.16 Performer

Id	2.16.756.5.30.1.1.10.9.31  <a href="#">ref hl7chcd-a-</a>	Effective Date	2018-12-24 19:51:04 Other versions this id:
Status	 Draft	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)		
Uses	Uses 1 template		
	Uses	as	Name
	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)  <a href="#">ref ad1bbr-</a> 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)  <a href="#">ref IHE-PCC-</a>		
Example	Example		
	<pre>&lt;performer typeCode="PRF"&gt;</pre>		

```

<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="7609999999999999"/>
    <name>Gruppenpraxis CH</name>
    <telecom value="tel:+41.32.234.55.66" use="WP"/>
    <telecom value="fax:+41.32.234.55.67" use="WP"/>
    <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
    <telecom value="http://www.gruppenpraxis.ch" use="WP"/>
    <addr use="WP">
      <streetName>Doktorgasse</streetName>
      <houseNumber>2</houseNumber>
      <city>Musterhausen</city>
      <postalCode>8888</postalCode>
      <country>CH</country>
    </addr>
  </representedOrganization>
</assignedEntity>
</performer>

```

Item	DT	Card	Conf	Description	Label
h17:performer				Information about a healthcare provider who was the primary performer of the act.	(cda...mer)

<code>└ @typeCode</code>	cs	1 ... 1 F	PRF	
└ <code>h17:templateID</code>	II	1 ... 1 M		(cda...mer)
└ <code>@root</code>	uid	1 ... 1 F	2.16.756.5.30.1.1.10.9.31	
└ <code>h17:templateID</code>		1 ... 1 R		(cda...mer)
└ <code>@root</code>	uid	1 ... 1 F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
└ <code>h17:templateID</code>		1 ... 1 R		(cda...mer)
└ <code>@root</code>	uid	1 ... 1 F	2.16.840.1.113883.10.12.323	
└ <code>h17:time</code>	<b>IVL_TS.CH.TZ</b>	0 ... 1	Duration of the performance.	(cda...mer)
└ <code>h17:low</code>	<b>TS.CH.TZ</b>	1 ... 1 R	Start of the performance.	(cda...mer)
└ <code>h17:high</code>	<b>TS.CH.TZ</b>	1 ... 1 R	End of the performance.	(cda...mer)
└ <code>h17:assignedEntity</code>		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)

### 7.3.5.17 Person Name Information Compilation - eCH-0011

<b>Id</b>	2.16.756.5.30.1.1.10.9.34	ref <a href="#">h17chcda-</a>	<b>Effective Date</b>	2018-04-18
<b>Status</b>	Active		<b>Version Label</b>	2017
<b>Name</b>	cdach_other_PersonNameInformationCompilation-eCH-0011			
<b>Description</b>	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.

<b>Label</b>	eCH-0011 V8.1 nameData		
<b>Classification</b>	Template type not specified		
<b>Open/Closed</b>	Open (other than defined elements are allowed)		
Associated with 23 concepts			
	<b>Id</b>	<b>Name</b>	<b>Data Set</b>
<b>Associated with</b>	cdachemed-dataelement-3	 Name	 Dataset 1
	cdachemed-dataelement-6	 First names	 Dataset 1
	cdachemed-dataelement-10	 First names	 Dataset 1
	cdachemed-dataelement-9	 Names	 Dataset 1
	hl7chcda-dataelement-224	 Names	 CDA-CH V2 2017
	hl7chcda-dataelement-44	 title	 CDA-CH V2 2017
	hl7chcda-dataelement-225	 First names	 CDA-CH V2 2017
	hl7chcda-dataelement-173	 callName	 CDA-CH V2 2017
	hl7chcda-dataelement-232	 First names	 CDA-CH V2 2017
	hl7chcda-dataelement-237	 First names	 CDA-CH V2 2017
	hl7chcda-dataelement-156	 nameData	 CDA-CH V2 2017
	hl7chcda-dataelement-223	 firstName	 CDA-CH V2 2017

	ment-178		
	hl7chcda-dataelement-177	● name	● CDA-CH V2 2017
	hl7chcda-dataelement-180	● firstName	● CDA-CH V2 2017
	hl7chcda-dataelement-179	● name	● CDA-CH V2 2017
	hl7chcda-dataelement-45	● firstName	● CDA-CH V2 2017
	hl7chcda-dataelement-172	● otherName	● CDA-CH V2 2017
	hl7chcda-dataelement-169	● originalName	● CDA-CH V2 2017
	hl7chcda-dataelement-171	● aliasName	● CDA-CH V2 2017
	hl7chcda-dataelement-231	● Name	● CDA-CH V2 2017
	hl7chcda-dataelement-168	● firstName	● CDA-CH V2 2017
	hl7chcda-dataelement-46	● lastName	● CDA-CH V2 2017
	hl7chcda-dataelement-236	● Name	● CDA-CH V2 2017
Example	Minimal name		
	<pre>&lt;name&gt;   &lt;family&gt;Muster&lt;/family&gt;   &lt;given&gt;Hildegard&lt;/given&gt; &lt;/name&gt;</pre>		
Example	Maiden name		
	<pre>&lt;!-- @use attribute is optional, here --&gt; &lt;name use="L"&gt;   &lt;family&gt;Muster&lt;/family&gt;</pre>		

	<pre> &lt;given&gt;Hildegard&lt;/given&gt; &lt;!-- @qualifier attribute indicates the maiden name --&gt; &lt;family qualifier="BR"&gt;Hugentobler&lt;/family&gt; &lt;/name&gt; </pre>
Example	<p>Call name</p> <pre> &lt;!-- @use attribute is optional, here --&gt; &lt;name use="L"&gt;   &lt;family&gt;Muster&lt;/family&gt;   &lt;given&gt;Hildegard&lt;/given&gt;   &lt;!-- @qualifier attribute indicates the call name --&gt;   &lt;given qualifier="CL"&gt;Hildi&lt;/given&gt; &lt;/name&gt; </pre>
Example	<p>Pseudonym</p> <pre> &lt;!-- @use attribute is optional for the legal name --&gt; &lt;name use="L"&gt;   &lt;family&gt;Muster&lt;/family&gt;   &lt;given&gt;Hildegard&lt;/given&gt; &lt;/name&gt; &lt;!-- @use attribute indicates that this name is a pseudonym (Artist, VIP, etc.) --&gt; &lt;name use="P"&gt;   &lt;family&gt;Lady&lt;/family&gt;   &lt;given&gt;Vip&lt;/given&gt; &lt;/name&gt; </pre>

Item	DT	Card	Conf	Description	Label
h17:name	PN	1 ... 1	R	The person's legal name (with required family and given name).	eCH-0011 V8.1 nameData

			⌚ hl7chcda-dataelement-156	🟡 nameData	🟡 CDA-CH V2 2017
└ @use		set_cs 0 ... 1 F	L		
			Legal. This is the default. Thus, name elements without @use are legal names.		
└ h17:prefix	ENXP	0 ... *	The person's academic title (such as Dr. med. or Prof.).		eCH-0011 V8.1 na- meData
			⌚ hl7chcda-dataelement-44	🟡 title	🟡 CDA-CH V2 2017
└ @qualifier		set_cs 1 ... 1 F	AC		
			Academic.		
└ h17:family	ENXP	1 ... * R	The person's family name ([ge]: Nachname; [fr]: nom de famille).		eCH-0011 V8.1 na- meData
			⌚ cdachemed-dataelement-3	🟡 Name	🟡 Dataset 1
			cdachemed-dataelement-9	🟡 Names	🟡 Dataset 1
			hl7chcda-dataelement-224	🟡 Names	🟡 CDA-CH V2 2017
			hl7chcda-dataelement-231	🟡 Name	🟡 CDA-CH V2 2017
			hl7chcda-dataelement-46	🟡 lastName	🟡 CDA-CH V2 2017
			hl7chcda-dataelement-236	🟡 Name	🟡 CDA-CH V2 2017
└ @qualifier		set_cs 0	NP	NP/not present	
			Default.		
└ h17:family	ENXP	0 ... *	The person's maiden name ([ge]: Ledigname; [fr]: nom de célibataire).		eCH-0011 V8.1 na- meData
			⌚ hl7chcda-dataelement-169	🟡 originalName	🟡 CDA-CH V2 2017

<code>└ @qualifier</code>		<code>set_cs 1 ... 1 F</code>	BR	
			Birth name.	
<code>└ h17:given</code>	<code>ENXP 1 ... * R</code>		The person's given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 na- meData
			<span style="color: orange;">⌚</span> cdachemed-dataelement-6 <span style="color: yellow;">🟡</span> First names cdachemed-dataelement-10 <span style="color: yellow;">🟡</span> First names hl7chcda-dataelement-225 <span style="color: yellow;">🟡</span> First names hl7chcda-dataelement-232 <span style="color: yellow;">🟡</span> First names hl7chcda-dataelement-237 <span style="color: yellow;">🟡</span> First names hl7chcda-dataelement-45 <span style="color: yellow;">🟡</span> firstName hl7chcda-dataelement-168 <span style="color: yellow;">🟡</span> firstName	<span style="color: yellow;">🟡</span> Dataset 1 <span style="color: yellow;">🟡</span> Dataset 1 <span style="color: yellow;">🟡</span> CDA-CH V2 2017 <span style="color: yellow;">🟡</span> CDA-CH V2 2017
<code>└ @qualifier</code>		<code>set_cs 0</code>	NP	NP/not present
			Default.	
<code>└ h17:given</code>	<code>ENXP 0 ... *</code>		The person's call name ([ge]: Rufname; [fr]: nom usuel).	eCH-0011 V8.1 na- meData
			<span style="color: orange;">⌚</span> hl7chcda-dataelement-173 <span style="color: yellow;">🟡</span> callName	<span style="color: yellow;">🟡</span> CDA-CH V2 2017
<code>└ @qualifier</code>		<code>set_cs 1 ... 1 F</code>	CL	
			Callme.	
<code>h17:name</code>	<code>PN</code>	<code>0 ... *</code>		The person's alias name.
<code>└ @use</code>		<code>set_cs 1 ... 1 F</code>	P	
			Pseudonym.	

<code>h17:prefix</code>	<b>ENXP</b>	<b>0 ... *</b>	The person's title.	eCH-0011 V8.1 nameData
<code>@qualifier</code>	<code>set_cs</code>	<b>1 ... 1 F</b>	TITLE  Title.	
<code>h17:family</code>	<b>ENXP</b>	<b>0 ... *</b>	The person's pseudonym family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
<a href="#">h17chcda-dataelement-171</a> aliasName                CDA-CH V2 2017				
<code>@qualifier</code>	<code>set_cs</code>	<b>0</b>	NP	NP/not present  Default.
<code>h17:given</code>	<b>ENXP</b>	<b>0 ... *</b>	The person's pseudonym given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
<code>@qualifier</code>	<code>set_cs</code>	<b>0</b>	NP	NP/not present  Default.
<code>h17:name</code>	<b>PN</b>	<b>0 ... *</b>	Other person's name.	eCH-0011 V8.1 nameData
<code>@use</code>	<code>set_cs</code>	<b>1 ... 1 F</b>	ASGN  Assigned.	
<code>h17:prefix</code>	<b>ENXP</b>	<b>0 ... *</b>	The person's title.	eCH-0011 V8.1 nameData
<code>@qualifier</code>	<code>set_cs</code>	<b>1 ... 1 F</b>	TITLE  Title.	

<code>└ hl7:family</code>	<b>ENXP</b>	<b>0 ... *</b>	Other official person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 na- meData
			<span style="color: orange;">◎</span> hl7chcda-dataelement-177 <span style="color: yellow;">●</span> name <span style="color: yellow;">●</span> CDA-CH V2 2017 hl7chcda-dataelement-179 <span style="color: yellow;">●</span> name <span style="color: yellow;">●</span> CDA-CH V2 2017 hl7chcda-dataelement-172 <span style="color: yellow;">●</span> otherName <span style="color: yellow;">●</span> CDA-CH V2 2017	
<code>└ @qualifier</code>	set_cs	0	NP	NP/not present
				Default.
<code>└ hl7:given</code>	<b>ENXP</b>	<b>0 ... *</b>	Other official given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 na- meData
			<span style="color: orange;">◎</span> hl7chcda-dataelement-178 <span style="color: yellow;">●</span> firstName <span style="color: yellow;">●</span> CDA-CH V2 2017 hl7chcda-dataelement-180 <span style="color: yellow;">●</span> firstName <span style="color: yellow;">●</span> CDA-CH V2 2017	
<code>└ @qualifier</code>	set_cs	0	NP	NP/not present
				Default.

### 7.3.5.18 PlayingEntity Compilation with name

<b>Id</b>	2.16.756.5.30.1.1.10.9.20	<b>ref</b>	hl7chcda-	<b>Effective Date</b>	2018-04-18
<b>Status</b>	<span style="color: green;">●</span> Active			<b>Version Label</b>	2017
<b>Name</b>	cdach_other_PlayingEntityCompilationWithName			<b>Display Name</b>	PlayingEntity Compilation with na- me

#### 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.

<b>Label</b>	CDA-CH V2												
<b>Classification</b>	Template type not specified												
<b>Open/Closed</b>	Open (other than defined elements are allowed)												
<b>Relationship</b>	Specialization: template 2.16.840.1.113883.10.12.313 CDA PlayingEntity (2005-09-07) <a href="#">ref ad1bbrr-</a>												
<b>Example</b>	<p>Name unstructured</p> <pre>&lt;name&gt;Muster Franz&lt;/name&gt;</pre>												
<b>Example</b>	<p>Name structured</p> <pre>&lt;name&gt;   &lt;family&gt;Muster&lt;/family&gt;   &lt;given&gt;Franz&lt;/given&gt; &lt;/name&gt;</pre>												
<b>Item</b>	<table border="1"> <thead> <tr> <th></th><th>DT</th><th>Card</th><th>Conf</th><th>Description</th><th>Label</th></tr> </thead> <tbody> <tr> <td><code>hl7:name</code></td><td>PN</td><td>1 ... *</td><td>R</td><td>The playing entity's name.</td><td>CDA-CH V2</td></tr> </tbody> </table>		DT	Card	Conf	Description	Label	<code>hl7:name</code>	PN	1 ... *	R	The playing entity's name.	CDA-CH V2
	DT	Card	Conf	Description	Label								
<code>hl7:name</code>	PN	1 ... *	R	The playing entity's name.	CDA-CH V2								

### 7.3.6 Codes und Wertebereiche

Die nachfolgenden Value-Sets werden in alphabetischer Reihenfolge aufgelistet.

#### 7.3.6.1 HL7 MaritalStatus

Im Sinne der internationalen Interoperabilität schreibt die vorliegende Spezifikation den Einsatz des international akzeptierten Vokabulars vor. Um gleichzeitig den schweizerischen Gegebenheiten zu entsprechen, ist nach dem folgenden Value-Set eine entsprechende Mapping-Tabelle dokumentiert: Mapping zu eCH-0011 maritalStatus - Zivilstand

<b>Id</b>	2.16.840.1.113883.1.11.12212 <a href="#">ref ad2bbrr-</a>	<b>Effective Date</b>	2014-03-26
-----------	---	-----------------------	------------

Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	MaritalStatus	Display Name	MaritalStatus
<b>History description 2014-03-26:</b> Lock all value sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26			
<b>Description:</b>			
The domestic partnership status of a person.			
<i>Example:</i> Married, separated, divorced, widowed, common-law marriage.			
Source Code System	2.16.840.1.113883.5.2 - MaritalStatus - <a href="http://terminology.hl7.org/CodeSystem/v3-MaritalStatus">http://terminology.hl7.org/CodeSystem/v3-MaritalStatus</a>		
Level/ Type	Code	Display Name	Code System
0-L	A	Annulled	MaritalStatus
0-L	D	Divorced	MaritalStatus
0-L	I	Interlocutory	MaritalStatus
0-L	L	Legally Separated	MaritalStatus
0-L	M	Married	MaritalStatus
0-L	P	Polygamous	MaritalStatus
0-L	S	Never Married	MaritalStatus
0-L	T	Domestic partner	MaritalStatus
0-L	W	Widowed	MaritalStatus

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

#### Mapping zu eCH-0011 maritalStatus - Zivilstand

Siehe auch eCH-0011: Datenstandard Personendaten v8.1, Kapitel "3.3.5.1 maritalStatus - Zivilstand: Zivilstand"

Das nachfolgend genannte Zielkonzept wird im code-Element deklariert. Das länderspezifische Quellkonzept wird im translation-Element deklariert.

Quellkonzept eCH-0011 maritalStatus OID: 2.16.756.5.30.1.170.11.1	Zielkonzept HL7 MaritalStatus OID: 2.16.840.1.113883.5.2	Vergleich Quell- zu Zielkonzept Äquivalenz Grad gemäss ART-DECOR level of equivalence (vgl. ISO 12300 equivalency rating)
1 = ledig/célibataire	S = Never Married	equivalent
2 = verheiratet/marié/e	M = Married	equivalent
3 = verwitwet/ veuf/veuve	W = Widowed	equivalent
4 = geschieden/divorcé/e	D = Divorced	equivalent
5 = unverheiratet/non marié/e	U = unmarried	equivalent
6 = in eingetragener Partnerschaft/lié/e par un partenariat enregistré	T = Domestic partner	wider
7 = aufgelöste Partnerschaft/partenariat dissous	U = unmarried	wider
9 = unbekannt	nullFlavor verwenden: UNK = Unknown	unmatched

[Tabelle 3] Mapping zu eCH-0011 maritalStatus - Zivilstand

### 7.3.6.2 HL7 NullFlavor

Id	2.16.840.1.113883.1.11.10609	ref ad2bbr-	Effective Date	2014-03-26
Status	Final		Version Label	DEFN=UV=VO=1360-20160323
Name	NullFlavor		Display Name	NullFlavor
Description	History description 2014-03-26: Lock all value sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26			
Source Code System	2.16.840.1.113883.5.1008 - Null Flavor - <a href="http://terminology.hl7.org/CodeSystem/v3-NullFlavor">http://terminology.hl7.org/CodeSystem/v3-NullFlavor</a>			
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.

### 7.3.6.3 HL7 ParticipationSignature

<b>Id</b>	2.16.840.1.113883.1.11.10282	<small>ref ad2bbr-</small>	<b>Effective Date</b>	2014-03-26
<b>Status</b>	 Final		<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	ParticipationSignature		<b>Display Name</b>	ParticipationSignature

	<b>History description 2014-03-26:</b> Lock all value sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
	<b>description:</b>		
Description	A code specifying whether and how the participant has attested his participation through a signature and or whether such a signature is needed.		
	<i>Examples:</i> A surgical Procedure act object (representing a procedure report) requires a signature of the performing and responsible surgeon, and possibly other participants. (See also: Participation.signatureText.)		
Source Code System	2.16.840.1.113883.5.89 - <i>Participation Signature</i> - <a href="http://terminology.hl7.org/CodeSystem/v3-ParticipationSignature">http://terminology.hl7.org/CodeSystem/v3-ParticipationSignature</a>		
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.

### 7.3.6.4 HL7 ReligiousAffiliation

Im Sinne der internationalen Interoperabilität schreibt die vorliegende Spezifikation den Einsatz des international akzeptierten Vokabulars vor. Um gleichzeitig den schweizerischen Gegebenheiten zu entsprechen, ist nach dem folgenden Value-Set eine entsprechende Mapping-Tabelle dokumentiert: Mapping zu eCH-0011 religion – Konfessionszugehörigkeit

<b>Id</b>	2.16.840.1.113883.1.11.19185	<b>ref</b>	ad2bbr-	<b>Effective Date</b>	2014-03-26
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Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	ReligiousAffiliation	Display Name	ReligiousAffiliation
<b>Description</b>			<b>History description 2014-03-26:</b> Lock all value sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26
<b>Description</b>			<b>description:</b>
Assignment of spiritual faith affiliation			
Source Code System	2.16.840.1.113883.5.1076 - ReligiousAffiliation - <a href="http://terminology.hl7.org/CodeSystem/v3-ReligiousAffiliation">http://terminology.hl7.org/CodeSystem/v3-ReligiousAffiliation</a>		
Level/ Type	Code	Display Name	Code System
0-L	1001	Adventist	ReligiousAffiliation
0-L	1002	African Religions	ReligiousAffiliation
0-L	1003	Afro-Caribbean Religions	ReligiousAffiliation
0-L	1004	Agnosticism	ReligiousAffiliation
0-L	1005	Anglican	ReligiousAffiliation
0-L	1006	Animism	ReligiousAffiliation
0-L	1007	Atheism	ReligiousAffiliation
0-L	1008	Babi & Baha'i faiths	ReligiousAffiliation
0-L	1009	Baptist	ReligiousAffiliation
0-L	1010	Bon	ReligiousAffiliation
0-L	1011	Cao Dai	ReligiousAffiliation
0-L	1012	Celticism	ReligiousAffiliation
0-L	1013	Christian (non-Catholic, non-specific)	ReligiousAffiliation
0-L	1014	Confucianism	ReligiousAffiliation

0-L	1015	Cyberculture Religions	ReligiousAffiliation
0-L	1016	Divination	ReligiousAffiliation
0-L	1017	Fourth Way	ReligiousAffiliation
0-L	1018	Free Daism	ReligiousAffiliation
0-L	1019	Gnosis	ReligiousAffiliation
0-L	1020	Hinduism	ReligiousAffiliation
0-L	1021	Humanism	ReligiousAffiliation
0-L	1022	Independent	ReligiousAffiliation
0-L	1023	Islam	ReligiousAffiliation
0-L	1024	Jainism	ReligiousAffiliation
0-L	1025	Jehovah's Witnesses	ReligiousAffiliation
0-L	1026	Judaism	ReligiousAffiliation
0-L	1027	Latter Day Saints	ReligiousAffiliation
0-L	1028	Lutheran	ReligiousAffiliation
0-L	1029	Mahayana	ReligiousAffiliation
0-L	1030	Meditation	ReligiousAffiliation
0-L	1031	Messianic Judaism	ReligiousAffiliation
0-L	1032	Mitraism	ReligiousAffiliation
0-L	1033	New Age	ReligiousAffiliation
0-L	1034	non-Roman Catholic	ReligiousAffiliation
0-L	1035	Occult	ReligiousAffiliation
0-L	1036	Orthodox	ReligiousAffiliation
0-L	1037	Paganism	ReligiousAffiliation

0-L	1038	Pentecostal	ReligiousAffiliation
0-L	1039	Process, The	ReligiousAffiliation
0-L	1040	Reformed/Presbyterian	ReligiousAffiliation
0-L	1041	Roman Catholic Church	ReligiousAffiliation
0-L	1042	Satanism	ReligiousAffiliation
0-L	1043	Scientology	ReligiousAffiliation
0-L	1044	Shamanism	ReligiousAffiliation
0-L	1045	Shiite (Islam)	ReligiousAffiliation
0-L	1046	Shinto	ReligiousAffiliation
0-L	1047	Sikism	ReligiousAffiliation
0-L	1048	Spiritualism	ReligiousAffiliation
0-L	1049	Sunni (Islam)	ReligiousAffiliation
0-L	1050	Taoism	ReligiousAffiliation
0-L	1051	Theravada	ReligiousAffiliation
0-L	1052	Unitarian-Universalism	ReligiousAffiliation
0-L	1053	Universal Life Church	ReligiousAffiliation
0-L	1054	Vajrayana (Tibetan)	ReligiousAffiliation
0-L	1055	Veda	ReligiousAffiliation
0-L	1056	Voodoo	ReligiousAffiliation
0-L	1057	Wicca	ReligiousAffiliation
0-L	1058	Yaohushua	ReligiousAffiliation
0-L	1059	Zen Buddhism	ReligiousAffiliation
0-L	1060	Zoroastrianism	ReligiousAffiliation

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

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

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

## Mapping zu eCH-0011 religion – Konfessionszugehörigkeit

Siehe auch [eCH-0011: Datenstandard Personendaten v8.1](#), Kapitel "3.3.4.1 religion – Konfessionszugehörigkeit".

Abhängig vom Kontext können auch andere Codes ausgetauscht werden. Für die Lieferung an das BFS sind aber nur die, unter 'eCH-0011 religion' aufgeführten Codes zulässig.

Das nachfolgend genannte Zielkonzept wird im code-Element deklariert. Das länderspezifische Quellkonzept wird im translation-Element deklariert.

Quellkonzept eCH-0011 religion OID: 2.16.756.5.30.1.170.11.2	Zielkonzept HL7 ReligiousAffiliation OID: 2.16.840.1.113883.5.1076	Vergleich Quell- zu Zielkonzept Äquivalenz Grad gemäss ART-DECOR level of equivalence (vgl. ISO 12300 equivalence rating)
111 = evangelisch-reformierte (protestantische) Kirche	1077 = Protestant	wider
121 = römisch-katholische Kirche	1041 = Roman Catholic Church	equivalent
122 = christkatholische / altkatholische Kirche	1013 = Christian (non-Catholic, non-specific)	inexact
211 = israelitische Gemeinschaft / jüdische Glaubensgemeinschaft	1026 = Judaism	wider
211201 = Israelitische Cultusgemeinde	1026 = Judaism	wider
211301 = Jüdisch Liberale Gemeinde	1026 = Judaism	wider
000 = Unbekannt	nullFlavor verwenden: UNK = Unknown	unmatched

[Tabelle 4] Mapping zu eCH-0011 religion – Konfessionszugehörigkeit

### 7.3.6.5 HL7 RoleCode

Diese Tabelle existiert derzeit leider noch nicht als Value-Set in ART-DECOR. Siehe deshalb das Vocabulary im HL7 CDA Standard R2 (2005) oder die aktuelle Tabelle im Wiki von HL7 Deutschland: [Kodesystem RoleCode](#).

### 7.3.6.6 HL7 x\_InformationRecipient

<b>Id</b>	2.16.840.1.113883.1.11.19366	<small>ref ad2bbr-</small>	<b>Effective Date</b>	2014-03-26
<b>Status</b>	 Final		<b>Version Label</b>	DEFN=UV=VO=1360-20160323
<b>Name</b>	x_InformationRecipient		<b>Display Name</b>	x_InformationRecipient

Description	<p><b>History description 2014-03-26:</b> Lock all value sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26</p> <p><b>description:</b></p> <p>Used to represent participant(s) who should receive a copy of a document.</p>		
Source Code System	2.16.840.1.113883.5.90 - <i>ParticipationType</i> - <a href="http://terminology.hl7.org/CodeSystem/v3-ParticipationType">http://terminology.hl7.org/CodeSystem/v3-ParticipationType</a>		
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.

### 7.3.6.7 DocumentEntry.confidentialityCode

<b>Id</b>	2.16.756.5.30.1.127.3.10.1.5	<small>ref ch-epr-</small>	<b>Effective Date</b>	2019-12-11 09:52:17
<b>Status</b>	Draft		<b>Version Label</b>	201907.2-stable
<b>Name</b>	DocumentEntry.confidentialityCode		<b>Display Name</b>	DocumentEntry.confidentialityCode
<b>Description</b>	Document confidentiality as per Annex; EPRO-FDHA.			
<b>Copyright</b>	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 <a href="http://www.snomed.org/snomed-ct/getsnomed-ct">http://www.snomed.org/snomed-ct/getsnomed-ct</a> or info@snomed.org.			
<b>2 Source Code Systems</b>	2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i> - <a href="http://snomed.info/sct">http://snomed.info/sct</a> 2.16.756.5.30.1.127.3.4 - <i>SNOMED Clinical Terms Swiss Extension</i> - <a href="urn:oid:2.16.756.5.30.1.127.3.4">urn:oid:2.16.756.5.30.1.127.3.4</a>			
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.

### 7.3.6.8 DocumentEntry.typeCode

<b>Id</b>	2.16.756.5.30.1.127.3.10.1.27 <small>ref ch-epr-</small>	<b>Effective Date</b>	2019-11-03 13:11:50	
<b>Status</b>	Final	<b>Version Label</b>	201907.1-stable	
<b>Name</b>	DocumentEntry.typeCode	<b>Display Name</b>	DocumentEntry.typeCode	
<b>Description</b>		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.		
<b>Copyright</b>		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 <a href="http://www.snomed.org/snomed-ct/getsnomed-ct">http://www.snomed.org/snomed-ct/getsnomed-ct</a> or info@snomed.org.		
<b>2 Source Code Systems</b>		2.16.840.1.113883.6.96 - SNOMED Clinical Terms - <a href="http://snomed.info/sct">http://snomed.info/sct</a> 2.16.756.5.30.1.127.3.4 - SNOMED Clinical Terms Swiss Extension - <a href="urn:oid:2.16.756.5.30.1.127.3.4">urn:oid:2.16.756.5.30.1.127.3.4</a>		
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 artifact)	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 artifact)	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.

## **7.4 Vorgaben für die Validierung**

### **7.4.1 Erforderliche Schematron Regeln**

Für sämtliche Austauschformate, welche auf CDA-CH V2 (2020) aufbauen muss ein Set an Schematron Regeln mitgeliefert werden. Dieses kann aus ART-DECOR generiert werden. Schematron Regeln aus ART-DECOR bilden alle Struktur-Prüfungen ab, welche im Modell abgebildet werden (vom Datentyp bis zu Kardinalitäten). Wichtige Geschäftsregeln, welche in der Beschreibung des Modells erfasst sind, kann ART-DECOR aber nicht automatisiert in Schematron umwandeln. Dazu ist es notwendig, dass solche Regeln zusätzlich im ART-DECOR Modell als Schematron assert oder report eingetragen werden.

Beispiel:

Für die Rolle des Autors muss das Value-Set gemäss EPDV, Anhang 3 (Metadaten) verwendet werden. Der Eintrag '133932002' (Other Caregiver) muss aber mit einem zusätzlichen Klartext ergänzt werden. Dazu wurde in den Templates Author und Performer der folgende Schematron assert ergänzt:

Test: not(@code='133932002') or (originalText/text())

Message: Other Caregivers description MUST be declared in the originalText element.

### **7.4.2 Veröffentlichung der Schematron Regeln**

Die Schematron Regeln müssen der HL7 Benutzergruppe Schweiz zur öffentlich frei verfügbaren Publikation im dafür vorgesehenen Git Repository (im Folgenden Git genannt) abgegeben werden. Das Git Repository wird durch die HL7 Benutzergruppe Schweiz gepflegt. Das technisches Komitee der HL7 Benutzergruppe Schweiz ist zuständig für den Inhalt des Repositories und verwaltet auch die Schreibrechte.

Git Repository: <https://github.com/hl7ch/hl7ch-cda>

### **7.4.3 Versionierung der Schematron Regeln**

Die Versionierung der Schematron Regeln obliegt dem Herausgeber eines CDA-CH Austauschformats. Zugelassen ist die Angabe je einer Haupt- und Unterversion pro Datei in Form einer natürlichen Zahl (Major.Minor). Beispiel: 2.11

Die Revisionsnummer wird durch das Git Repository vergeben.

### **7.4.4 Kontinuität**

CDA-CH Austauschformate Dokumentvorlagen (Templates; Set von Schematronregeln) sollen rückwärts-kompatibel implementiert werden. Ein Bruch der Rückwärtskompatibilität ist - wenn immer möglich - zu vermeiden. Falls sich ein Bruch der Rückwärtskompatibilität nicht vermeiden lässt, ist dies ausschliesslich in Hauptversionen (neue Major Version) zugelassen.

Hinweis: CDA-CH V2.1 (2020) ist nicht 100% rückwärtskompatibel zu CDA-CH V2 (2019) sowie CDA-CH V1.2 (2009).

### **7.4.5 Metadaten zu den Schematron Regeln**

Der Herausgeber eines CDA-CH Austauschformats muss die Schematron Regeln mit einer Hauptkategorie und einer Unterkategorie deklarieren. Diese Angaben werden für den Aufbau der Baumstruktur im Git Repository verwendet und dürfen max. 20 Zeichen umfassen. Als Sonderzeichen sind \_ und - zugelassen. Leerzeichen sind nicht erlaubt. Die Angaben müssen innerhalb des jeweiligen Astes im Git Repository eindeutig sein. In Streitfällen entscheidet endgültig der Vorstand der HL7 Benutzergruppe Schweiz resp. eine durch diesen Vorstand dazu ernannte Stelle.

Beispiele:

- Firma\Produkt
- Projekt\Formular

#### **7.4.6 Pfadangaben in Schematron Regeln**

Werden in den Schematron Dateien wiederverwendbare Entities referenziert, muss die Pfadangabe mittels relativen Pfaden erfolgen und der Verzeichnisstruktur im Git Repository entsprechen.

#### **7.4.7 Baumstruktur im Git Repository**

Der Aufbau der Baumstruktur im Git Repository erfolgt folgendermassen:

schematrons/Hauptkategorie/Unterkategorie/Version/

Unterhalb dieser Kategorie ist der Herausgeber einer CDA-Vorlage frei in der Definition von Unterordnern.

Beispiel:

- schematrons/HL7.ch/CDA-CH/v2.1

## **8 Validierung, Technologien und Tools**

Dieser Themenbereich wurde zwecks Wiederverwendbarkeit in verschiedenen Austauschformaten basierend auf CDA-CH in ein eigenständiges Dokument ausgelagert. Es wird auf das Whitepaper [CDA-CH - Validierung, Technologien und Tools](#) verwiesen.

Ausserdem enthält auch die Spezifikation [CDA-CH-II \(2011\)](#) ein Schematron Tutorial und Informationen zu Best Practices.

Hinweis: Obschon CDA-CH-II (2011) mit der Genehmigung von CDA-CH V2 (2017) ausser Kraft gesetzt wird, bleiben dort rein informativ lesenswert:

- Kapitel "8 Schematron Tutorial"
- Kapitel "9 Schematron Best Practices"

### **8.1 Beispieldokumente und Schematronregeln**

Beispieldokumente und Schematronregeln sind unter folgenden Links im Open Source Repository der HL7 Benutzergruppe Schweiz veröffentlicht:

- [Schematronregeln](#)
- Beispieldokumente:
  - CDA-CH V2 Fallbeispiel "Hüftgelenkersatz"
    - [Deutsch](#)
    - [Französisch](#)
  - CDA-CH V2 Best practices
    - [Englisch](#)
  - [Weitere Beispieldokumente](#)

Hinweis: Diese basieren teilweise auf CDA-CH V1.2 (2009) resp. CDA-CH-II (2011) und sind nicht vollständig auf CDA-CH V2 (2020 oder 2017) migriert.

## **9 Anhang**

### **9.1 Lizenzen**

#### **SNOMED Clinical Terms® (SNOMED CT®)**

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### **9.2 Anmerkungen**

1. HL7 Interoperability Work Group. Coming To Terms - Scoping Interoperability for Health Care. 2007; Siehe auch: <http://www.hln.com/assets/pdf/Coming-to-Terms-February-2007.pdf>
2. Elektronisches Patientendossier (EPDG)
3. Bundesgesetz über die Bekämpfung übertragbarer Krankheiten des Menschen (Epidemiengesetz)
4. Bundesgesetz über die Invalidenversicherung
5. Bundesgesetz über die Alters- und Hinterlassenenversicherung
6. Bundesgesetz über die Krankenversicherung
7. Die Zentrale Ausgleichsstelle (ZAS). Sie führt die Identifikationsdatenbank UPI (Unique Personal Identifier Database), auf die die EPD-(Stamm-)Gemeinschaften zugreifen dürfen.

### **9.3 Referenzierte Dokumente**

1. IHE IT Infrastructure Technical Framework Volume 2b (ITI TF-2b), [http://www.ihe.net/uploadedFiles/Documents/ITI/IHE\\_ITI\\_TF\\_Vol2b.pdf](http://www.ihe.net/uploadedFiles/Documents/ITI/IHE_ITI_TF_Vol2b.pdf)

### **9.4 Abbildungen**

1. Bezug zu anderen Standards und Leitfäden – Referenzpyramide
2. Dokumenten-Workflow Fallbeispiel Hüftgelenkersatz
3. Communication vs. Content
4. Original Darstellung mittels eingebettetem PDF/A im CDA Body
5. PDF/A Ausprägungen
6. Inhalt CDA Dokument
7. Administrative Daten im CDA Header
8. Akteure gemäss IHE
9. „Share content“ Akteure und Transaktionen (konkret für XDS)
10. „Share content“ Akteure und Transaktionen (konkret für XDR)

11. „Share content“ Akteure und Transaktionen (konkret für XDM)

## 9.5 Tabellen

1. Auflistung von Beispielen von medizinischen Dokumenten
2. Notationen in diesem Dokument
3. Mapping zu eCH-0011 maritalStatus - Zivilstand
4. Mapping zu eCH-0011 religion – Konfessionszugehörigkeit