



# Austauschformat Rettungsprotokoll




HL7 Benutzergruppe Schweiz

<http://hl7.ch>

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**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 unter [Implementierungsleitfaden Rettungsprotokoll](#) abgerufen werden. Die normative Spezifikation inklusive den Schematron-Regeln ist auf Art-Decor unter folgendem Link publiziert: [Art-Decor Rettungsdienstprotokoll](#)

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# 1 Zusammenfassung

## 1.1 Ausgangslage

Als Grundlage für Projekte zur Digitalisierung der Prozesse im Schweizer Rettungswesen und zur Anbindung dieser Organisationen am Elektronischen Patientendossier (EPD) soll ein für Schweizer Rettungsorganisationen anwendbarer, standardisierter Informationsfluss definiert werden. Das Projekt läuft unter der Führung des Interverbandes für Rettungswesen. Dabei sind die Informationsinhalte auf der Basis des internationalen Standards HL7, im Speziellen der Clinical Document Architecture (CDA) und die Abläufe technisch nach IHE Integrationsprofilen (ebenfalls eine internationale, mit HL7 eng kooperierende Organisation) beschrieben. Dieser Informationsfluss wird beim Verein eCH unter der Nummer eCH-0207 und bei eHealth Suisse unter der Bezeichnung CDA-CH-RESP als Standard etabliert.

Die Dokumentation erfolgt mit den Mitteln, die durch eHealth Suisse bereitgestellt werden (e-health-wiki und ART-DECOR). So wird eine maximale Verbindung mit bereits bestehenden Leitfäden (eMedikation, Laborbefunde, Impfdossier) und künftigen sichergestellt.

Es herrscht Konsens darüber, dass dieser Implementationsleitfaden verhindern soll, dass weiterhin jede Rettungsorganisation eigene Lösungen beschreiben und implementieren muss. Viele Rettungsorganisationen haben die Absicht geäußert, einen landesweit standardisierten Informationsfluss in ihren Systemen zu implementieren, sobald ein solcher verfügbar ist. Mit Blick auf das EPD und die entsprechende eHealth Architektur Schweiz ist es ein Gebot der Zeit, die Spitäler als Partner im Informationsfluss des Rettungswesens unter den Aspekten einer EPD-Gemeinschaft einzubeziehen. Das entsprechende eidgenössische Gesetz (EPDG) wurde im Frühjahr 2017 in Kraft gesetzt.

Mit einer breiten Abstützung bei vielen Stakeholdern (Rettungsorganisationen, Berufsgruppen) können Unsicherheiten und Risiken aufgefangen werden. Die unterschiedlichen Zuordnungen von Rettungsorganisationen und Spitälern zu Gemeinden und Kantonen werden bei der Entwicklung des Leitfadens abgefangen. So kann dieser dann bei Projekten als Vorgabe und Ausschreibungsbestandteil genutzt werden.

## 1.2 Ziele

Gesucht ist eine Dokumentation, die die Use Cases beschreibt und die Spezifikationen für Ausschreibungen und Implementationen liefert. Im Wesentlichen handelt es sich um:

1. die Beschreibung eines generischen (nicht abschliessenden) Informationsflusses unter den Teilnehmenden bei einem Rettungseinsatz (Sanitätsnotrufzentrale, Rettungsfahrzeuge, Zielspital, Backoffice des Rettungsdienstes, etc.)
2. die Definition eines elektronischen Einsatzprotokolls, d. h. eines Informationscontainers, der die benötigten medizinischen, demografischen und sonstigen Informationen zwischen den Teilnehmenden transportiert

Randbedingung: Die Wiederverwendung von geeigneten internationalen Standards oder Teilen davon ist ausdrücklich beabsichtigt.

## 1.3 Ergebnis

Das Ergebnis ist ein Implementationsleitfaden nach Massgabe der Regulatorien zum EPD und als Grundlage für jegliche digitalen Prozesse im Zusammenhang mit dem Rettungswesen.

Grundlegend für den Implementationsleitfaden sind:



- zwei generische Use Cases, die sachdienlich sind, Diskussionen im Detail aber vermeiden
- eine umfassende Beschreibung der Datenstrukturen und Value Sets in ART-DECOR
- ein Set an CDA Templates für die sinnvollerweise strukturierten Elemente als Grundlage für die Implementation

Auf der Basis dieses Leitfadens können sowohl Ausschreibungen als auch Implementationen vollzogen werden.

## 2 Einleitung

### 2.1 Ausgangslage und Motivation

Im schweizerischen Rettungswesen ist die Dokumentation nach wie vor papierbasiert. Die Folgen sind oftmals schlecht leserliche Dokumente und es kann sein, dass während eines Einsatzes auf mehreren Formularen dokumentiert wird und diese Informationen im Rettungsteam gezielt ausgetauscht werden müssen. Vollständigkeitskontrollen sind schwierig und nach der Übergabe an die nachbehandelnde Stelle (Notfallaufnahme o. Ä.) müssen die Informationen übernommen und ggf. übertragen werden. Immer mehr Geräte, die bei Rettungen eingesetzt werden, sind in der Lage, Informationen digital bereitzustellen, was genutzt werden soll. Das Rettungsprotokoll der Zukunft wird deshalb ein elektronisches Dokument sein. Mit dem Projekt „Elektronisches Rettungsprotokoll“ will eCH mit eHealth Suisse ein weiteres national koordiniertes eHealth-Vorhaben unterstützen. Die Thematik Rettung und Rettungsprotokoll eignet sich gut, um mit digitalen Prozessen „bis auf die Strasse“ vorzudringen und die Arbeit auf den Rettungsplätzen zu erleichtern.

### 2.2 Status und Zweck

Das vorliegende Dokument beschreibt den Inhalt von „CDA-CH-RESP (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 "7 Spezifikation (normativ)" die normative Spezifikation und im Kapitel "8 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 "5 Anwendungsfälle".

### 2.4 Ziele und Abgrenzungen

#### 2.4.1 Voraussetzungen Interoperabilität

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>.

kung 1] .

- 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-RESP (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 "5 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

Mit Blick auf das EPD und die entsprechende eHealth Architektur Schweiz ist es ein Gebot der Zeit, die Spitäler als Partner im Informationsfluss des Rettungswesens unter den Aspekten einer EPD-Gemeinschaft einzubeziehen.

Der vorliegende Implementierungsleitfaden beinhaltet die Spezifikationen für die semantische Interoperabilität von Systemen rund um das schweizerische Rettungswesen. Er enthält:

- die Beschreibung eines allgemein akzeptierten, generischen Prozesses bei der Behandlung von Opfern bei akuten Ereignissen mit gesundheitlichen Folgen
- die Beschreibung eines allgemein akzeptierten, generischen Protokolls zur Dokumentation der Erhebungen, Befundungen/Diagnosen und Behandlungen von Opfern bei akuten Ereignissen mit gesundheitlichen Folgen; abgebildet ist dieses mit Struktur und Value Sets in ART-DECOR

Der Implementationsleitfaden beschreibt die Anforderungen für Evaluationen oder Implementierungen von ICT-Lösungen im schweizerischen Rettungswesen.

## 2.4.3 Abgrenzungen

Dieser Leitfaden beschreibt ein eHealth- und damit EPD-taugliches Informationsobjekt und führt aus, in welchem generischen Prozess dieses eingesetzt werden soll.

Unterschiede, die sich aus den Regionen der Rettungsdienste ergeben, spiegeln sich in den Value Sets und Codesystemen. Im Zweifelsfall und wenn das möglich ist, konzentriert sich der Leitfaden darauf, die Grundlagen für solche Zuordnungen zu erheben, die Scores o. Ä. zu generieren und nicht direkt erfassen zu lassen.

Dieser Implementationsleitfaden beschreibt ausdrücklich nicht, wie sich Rettungsdienste in der Welt des EPD mit den Gemeinschaften verbinden sollen. Es bleibt also diesen selbst überlassen, ob sie eigenständig oder als Teil eines Leistungserbringers funktionieren und welcher (Stamm-)Gemeinschaft sie sich anschliessen wollen, respektive ob sie selber eine bereichsspezifische Gemeinschaft bilden wollen.

## 2.5 Grundlagen und Basistechnologien

Die Anwendungsfälle rund um "CDA-CH-RESP (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 "3.1 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-RESP (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 Anwendenden.

Die Kodierung von einzelnen Informationen in diesem Austauschformat basiert auf definierten Value Sets, welche die akzeptierten Codes enthalten.

Die Value Sets basieren auf:

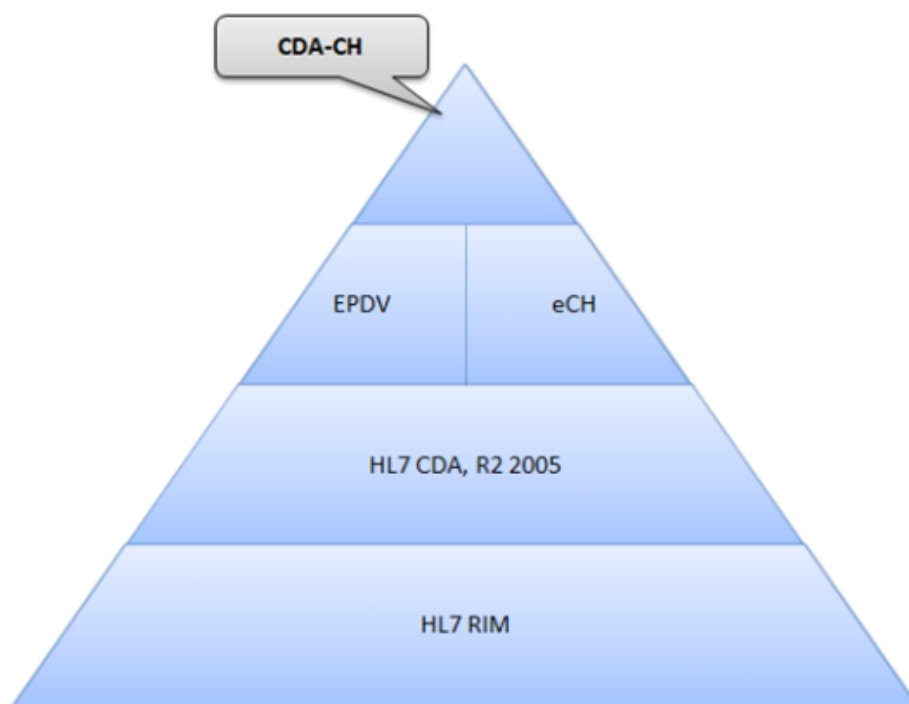
- SNOMED CT
- ICD-10
- IVR Codeset

### 3 Formelle Grundlagen

#### 3.1 Bezug zu anderen Standards und Leitfäden

Die Anwendungsfälle rund um das Rettungsprotokoll lassen sich nach dem EPDG mit TOZ und der Strategie eHealth Schweiz umsetzen. Die elektronischen Informationen dazu sollen im elektronischen Patientendossier zugänglich gemacht und für gerichtete Kommunikation eingesetzt werden können sowie den Beteiligten eine elektronische Verarbeitung ermöglichen. Das vorliegende Austauschformat basiert auf Integrationsprofilen von IHE und auf der HL7 Clinical Document Architecture (CDA).

Das vorliegende Austauschformat baut auf folgenden Grundlagen auf:



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

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. Im Jahr 2010 wurde IHE Suisse gegründet.

Dokumente, welche basierend auf IHE Inhaltsprofilen (Content Profiles) erstellt werden, können in einem Ordner (Folder) in der IHE-Cross-Enterprise-Document-Sharing-Architektur (XDS) abgelegt werden. Dieses IHE Integrationsprofil ist die Basis für das Elektronische Patientendossier (EPD) in der Schweiz.

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

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 findet seinen Ursprung im Jahre 1987 in den USA. Mittlerweile ist es eine Organisation (HL7.org), die HL7 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 fusst 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.

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 sind und die im sogenannten HL7 Reference Information Model (RIM) dokumentiert ist.

Zusätzlich, was nicht direkt in oben dargestellter Referenzpyramide integrierbar ist, nimmt das vorliegende Dokument Bezug auf bereits bestehende Empfehlungen von eHealth Suisse respektive auf das EPDG und diesbezüglich in erster Linie auf die Verordnung und deren Anhänge. Insbesondere der Anhang 4 mit den Austauschformaten orientiert sich an HL7 CDA als Dokumentenformat.

Das vorliegende Austauschformat ist konform zu den oben genannten Empfehlungen von eHealth Suisse und damit zur eHealth-Strategie und -Architektur in der Schweiz. Durch die Wahl von IHE und HL7 als technologische Basis sind entsprechend erstellte Dokumente zudem auch grenzüberschreitend interoperabel.

### **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. Gleich-

zeitig 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 fusst 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

Die nachfolgenden Definitionen sind wichtig für ein gemeinsames Verständnis. Sie stammen unter anderem aus dem Internet (z.B. von Firmen- und Institutionswebseiten, Wikipedia, Google). Sie dienen zum Verständnis der gebrauchten Begriffe insbesondere im Kapitel Anwendungsfälle.

| Begriff         | Definition  |
|-----------------|---|
| ART-DECOR       | Modellierungswerkzeug von eHealth Suisse für Gesundheitsdaten <a href="http://www.art-decor.org">www.art-decor.org</a>  |
| BAG             | Bundesamt für Gesundheit  |
| CDA             | Clinical Document Architecture;   |
| CDA-CH          | CDA mit Helvetisierungen  |
| eHealth Suisse  | Schweizerische Kompetenz- und Koordinationsstelle von Bund und Kantonen für eHealth   |
| EPD             | Elektronisches Patientendossier, <a href="https://www.e-health-suisse.ch/elektronisches-patientendossier.html">https://www.e-health-suisse.ch/elektronisches-patientendossier.html</a>  |
| EPDG            | Bundesgesetz über das elektronische Patientendossier, <a href="https://www.admin.ch/opc/de/classified-compilation/20111795/index.html">https://www.admin.ch/opc/de/classified-compilation/20111795/index.html</a>   |
| EPDV            | Verordnung über das elektronische Patientendossier, <a href="https://www.admin.ch/opc/de/classified-compilation/20163256/index.html">https://www.admin.ch/opc/de/classified-compilation/20163256/index.html</a>   |
| EPDV-EDI        | Verordnung des EDI über das elektronische Patientendossier, <a href="https://www.admin.ch/opc/de/classified-compilation/20163257/index.html">https://www.admin.ch/opc/de/classified-compilation/20163257/index.html</a>   |
| GLN             | Global Location Number; weltweit eindeutige Bezeichnung von juristischen und natürlichen Partnern im Gesundheitswesen, Datenbank wird gepflegt von <a href="http://www.refdata.ch">www.refdata.ch</a>   |
| H+              | Die Spitäler der Schweiz ist der nationale Verband der öffentlichen und privaten Spitäler, Kliniken und Pflegeinstitutionen.  |
| HL7             | Health Level 7, internationaler Standard für den Austausch von Daten zwischen Organisationen im Gesundheitswesen und deren Computersystemen   |
| HL7 Schweiz     | Verein, der die Förderung, Verbreitung und Weiterentwicklung des HL7-Standards im schweizerischen Gesundheitswesen bezweckt.  |
| ICD-10          | International Statistical Classification of Diseases and Related Health Problems Codierungs-System (primär) für Diagnosen   |
| IHE             | Integrating the Healthcare Enterprise; internationale Initiative, welche die Umsetzung von medizinischen Prozessabläufen zwischen Organisationen und Systemen im Gesundheitswesen harmonisieren will. Die Schaffung von Interoperabilität steht hierbei im Vordergrund. |
| IHE Switzerland | Der Verein IHE Suisse engagiert sich für die Umsetzung der „Strategie eHealth Schweiz“. Er ist die Plattform zur Evaluation und Erarbeitung von IHE-Profilen, welche die Strategieumsetzung unterstützen.   |
| IPAG            | Interprofessionelle Arbeitsgruppe Elektronisches Patientendossier   |
| IVR             | Interverband für Rettungswesen  |



|           |  |
|-----------|--|
| LOINC     | Logical Observation Identifiers Names and Codes Codierungs-System für medizinische Begriffe                |
| OID       | Object Identifier; weltweit eindeutiger Bezeichner, der benutzt wird um ein Informationsobjekt zu benennen |
| RD        | Rettungsdienst   |
| Rega      | Schweizerische Rettungsflugwacht   |
| SGAR      | Schweizerischen Gesellschaft für Anästhesiologie und Reanimation   |
| SGNOR     | Schweizerischen Gesellschaft für Notfall- und Rettungsmedizin  |
| SNOMED CT | Systematized Nomenclature of Medicine - Clinical Terms Codierungs-System für medizinische Begriffe         |
| SNZ       | Sanitätsnotrufzentrale   |
| VRS       | Verband der Rettungssanitäter  |

## 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

In Abhängigkeit vom Ereignis, das den Rettungseinsatz auslöst, kann der Ablauf im Detail unterschiedlich ausfallen. Wir gehen in diesem Leitfaden jedoch davon aus, dass jeder Einsatz mit einem Auslöser bei der Disposition in einer Notrufzentrale beginnt und mit der Qualitätskontrolle und der Verrechnung abgeschlossen wird. Die Daten, die dabei erhoben werden, sind immer wieder dieselben und Teil einer vereinigten Gesamtmenge aller Möglichkeiten. Die Unterschiede in den Abläufen führen dazu, dass Datengruppen oder einzelne Elemente ausführlich und detailliert, in einfacher Form oder gar nicht erhoben und bearbeitet werden. Im Gegensatz zu einem Papierformular kann ein elektronisches auf solche Unterschiede eingehen, was die Erfassung erheblich vereinfacht. Allerdings ist die Spezifikation dazu nicht Teil dieses Leitfadens.

Die Grafik beschreibt also einen möglichst generischen Ablauf, der sachdienlich ist, Diskussionen im Detail aber vermeidet.

### 5.2 Storyboard

In der Sanitätsnotrufzentrale geht ein Anruf ein. Dieser geht entweder (a) von einem Unfall- oder einer akuten Gesundheitsattacke aus und ist schnellstmöglich mit höchster Priorität auszuführen oder betrifft (b) einen geplanten Transport einer Person mit medizinischen Einschränkungen.

Bei diesem Anruf werden die ersten Daten zur Domäne Einsatz (Einsatz- und Zielort) erhoben und dokumentiert. Beim Zielort sind bei einem Grossereignis Vorbehalte möglich, die aber zwischen dem Start des Teams von der Basis und der Abfahrt vom Einsatzort geklärt werden müssen.

Die Disposition in der Zentrale lässt sich möglichst viele Informationen zu den betroffenen Personen geben. Während das im Fall (a) möglicherweise auf die (Anzahl) Person(en), deren ungefähres Alter und deren Geschlecht beschränkt bleiben muss, können sie im Fall (b) mit dem Auftrag abschliessend erfasst werden.

Aufgrund der verfügbaren Informationen bestimmt die Disposition die nötige Besetzung und Ausrüstung des Einsatzteams, wählt ein verfügbares aus oder organisiert ein solches, durch Umstellungen in den laufenden Einsätzen oder bei Partnerorganisationen.

Damit sind alle Informationen zum Szenario „Einsatz“ bestimmt. Einzig die Statuszeiten müssen noch hergeleitet oder erfasst werden.

Das Einsatzteam erhält den Einsatzauftrag und beginnt mit der Umsetzung. Auf dem Weg zum Einsatzort können die verfügbaren Informationen ausgewertet und ggf. weitere Informationen angefordert werden.

Am Einsatzort wird eine Lagebeurteilung gemacht, es werden:

- eine Anamnese erstellt
- Erstbefunde erhoben
- Diagnosen gestellt
- Massnahmen eingeleitet
- Die Medikation muss auf die Anamnese und vor allem auf eine laufende Medikation abgestimmt werden.

Alle diese Schritte werden im Rettungsprotokoll festgehalten und dokumentiert.

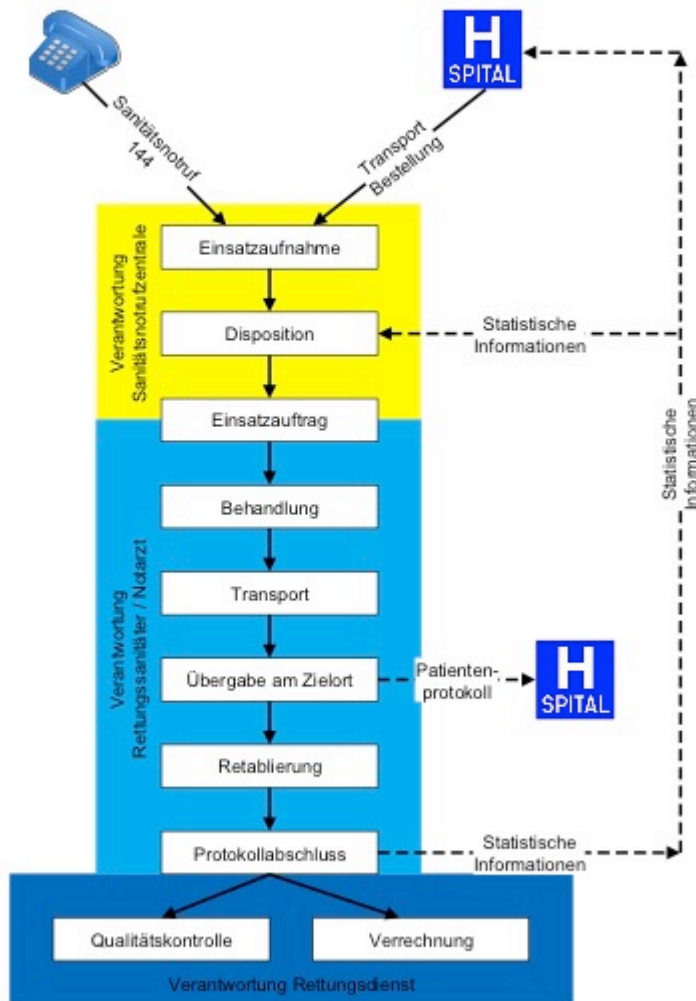
Während die Daten zur Person und zur Administration bei einem geplanten Einsatz von Beginn an bekannt sind, müssen Sie bei einem Noteinsatz oft am Einsatzort noch einmal ergänzt werden. Dies kann parallel zur Erhebung der Anamnese und Befunde geschehen; im einfachsten Fall verfügt der Patient über einen Ausweis und/oder eine Versicherungskarte.

Sobald der Patient transportfähig und der Zielort (meist Notfallstation mit Aufnahmekapazität) bekannt ist, wird der Transport ausgelöst.

Am Zielort wird der Patient sowie das Rettungsprotokoll übergeben.

Bei einem Notfalleinsatz ist auch zu diesem Zeitpunkt noch nicht garantiert, dass der Patient abschliessend identifiziert werden konnte. Die Aufgabe, dies zu tun und den Fall auch administrativ zum Abschluss zu bringen, liegt dann beim behandelnden Spital.

Das Team kehrt mit dem Fahrzeug auf die Basis zurück, führt die Retablierung durch und schliesst das Protokoll ab. Die Qualitätssicherung und die Abrechnung (gegenüber dem Patienten oder gegenüber dem Zielort) sind nun Aufgabe des Backoffice des Rettungsdienstes.



### 5.3 Use cases - Vorbemerkungen

Für das Rettungsdienstprotokoll werden 2 Use cases beschrieben:

1. Primäreinsatz mit identifizierbarem Patienten: Einsatz, in dem der Rettungsdienst den ersten Kontakt mit dem Patienten hat und diesen auf Grund eines Ausweises, auf Grund einer Aussage des Patienten o.Ä. eindeutig identifizieren kann. Häufig handelt es sich hierbei um Notfalleinsätze. Primäreinsätze sind für den Rettungsdienst mehrheitlich nicht planbar.
2. Primäreinsatz mit unbekanntem Patienten: Einsatz, in dem das Team des Rettungsdienstes bis zum Abschluss des Einsatzes den Patienten nicht identifizieren kann. Gründe dafür können z.B. sein, dass sich die Person nicht äussern kann und keine Ausweise auf sich trägt oder dass im Falle eines Grossereignisses die Identifikation der Verletzten auf dem Schadenplatz mangels Zeit nicht erfolgen konnte.

Beide Use Cases sind frei erfunden. Sie dienen allein der Illustration, wie Angaben, die im Verlauf eines Einsatzes erfahren werden, im Datensatz des CDA-CH-RESP abgebildet werden. Die Use Cases können deshalb Angaben enthalten, die einsatztaktisch oder medizinisch nicht sinnvoll sind. Die Beschreibung der beiden Use Cases enthält Daten, die in den Beispieldaten des Datensatzes soweit möglich wieder aufgenommen werden. Falls bei einem Datensatz-Attribut mehr als ein Bei-

spiel aufgeführt wird, so betreffen diese einen oder beide der Use Cases. Die Beschreibung der Use Cases ist weniger detailliert als die Beispieldaten. Dies bedeutet, dass es Beispieldaten gibt, die in beiden oder nur in einem der beiden Use Cases erwähnt werden, aber auch Daten, die in den Use Cases gar nicht erwähnt werden.

### 5.3.1 Use case 1 - Primäreinsatz mit identifizierbarem Patienten

Am 10.12.2016 um 12.09 Uhr (Statuszeit ALARM) ruft Herr Peter Muster den Notruf 144 an. Er befindet sich irgendwo oberhalb Zürichs am Waldrand und schildert, dass er starke Schmerzen in der Brust und im linken Oberarm verspürt und kaum atmen kann. Die Sanitätsnotrufzentrale Zürich (GLN 7601002156370) vermutet aufgrund der Befragung des Patienten ein akutes Koronarsyndrom (ACS) und definiert dies als Einsatzstichwort. Die Ortung des Patienten ergibt, dass er sich auf den Koordinaten 47.392115, 8.553192 befindet.

Die Sanitätsnotrufzentrale (SNZ) legt am 10.12.2016 um 12.11 Uhr (Statuszeit DISPOSITION, Bezeichnung Status: DP) einen Einsatz mit der Einsatznummer S12345678 an und disponiert unter der Nummer D12345678 das Team 111 des Rettungsdienstes Schutz & Rettung (GLN 7601002156363) mit einem Rettungswagen (Z-220) und der Besatzung Petra Muster, dipl. Rettungssanitäterin HF (höhere Fachschule), GLN 7601003330434, und Hans Beispiel, Transportsanitäter FA (Fachausweis), GLN 7601000211804, an den Einsatzort. Die Fahrt ist dringlich und wird deshalb mit Sondersignal ausgeführt. Sie fahren 12.13 Uhr in der Wache von Schutz und Rettung Zürich (SRZ) los (Statuszeit ROLLOUT, Bezeichnung Status: 1). Parallel dazu wird auch ein Notarzt aufgeboten (Dr. med. Hans Notarzt, Notarzt SGNOR, GLN 7601000028105, fix bei SRZ stationiert), der separat mit einem Fahrzeug an den Einsatzort kommen wird. Aufgrund der Schilderung des Patienten und des Einsatzortes legt die SNZ provisorisch fest, dass der Transport in die interdisziplinäre Notfallstation des Universitätsspitals Zürich (USZ, Rämistrasse 100, 8091 Zürich, GLN 7601002155939) erfolgen soll.

Die Fahrt des Rettungswagens dauert vier Minuten, d. h. Ankunftszeit am Ereignisort ist 12.17 Uhr (Statuszeit ARRIVAL ON SCENE, Bezeichnung Status: 2). Allerdings kann der Rettungswagen nicht direkt zum Patienten vorfahren. Das Team braucht weitere fünf Minuten, um mit sämtlichem Material zu Fuss zum Patienten zu gelangen. Statuszeit ARRIVAL PATIENT (Bezeichnung Status: Kontakt Patient) ist demzufolge 12.22 Uhr. (Bemerkung: Für statistische Auswertungen wird als Ankunftszeit immer die Statuszeit ARRIVAL ON SCENE verwendet.) Die betreuende Rettungssanitäterin Petra Muster und der kurz darauf ebenfalls eintreffende Notarzt beurteilen den Patienten mittels des standardisierten ABCDE-Abfragealgorithmus. Dabei werden die folgenden Beobachtungen um 12.25 Uhr gemacht: Glasgow Coma Scale (GCS): Augenöffnung spontan (4), verbale Antwort orientiert (5), motorische Reaktion befolgt Anweisungen (6), total 15; Schmerz 5; Blutdruck 120/80, gemessen am rechten Arm; Temperatur 37,2 °C. Der Notarzt kommt zum Schluss, dass die Einschätzung der SNZ (ACS) richtig gewesen ist und erstellt die Verdachtsdiagnose eines akuten transmuralen Myokardinfarkts der Vorderwand, kurz ACS/STEMI VW mit dem ICD-10-Code I21.0. Sie legen dem Patienten sofort eine Infusion und verabreichen ihm um 12.30 Uhr eine erste Dosis von zwei Hüben Nitrolingual-Spray. Parallel zur Erstversorgung des Patienten stellt Petras Teamkollege anhand der Krankenkassenskarte des Patienten fest, dass es sich um Peter Muster, männlich, geb. 10.1.1961, AHV-Nr. 7560123123499 mit der Kartenummer 80756003760012390001 von der Krankenversicherung KPT handelt. Gemäss der Aussage seiner Ehefrau Erika Muster, die ebenfalls anwesend ist, wohnt der Patient an der Bahnhofstr. 1, 8001 Zürich und ist Bürger von Musterdorf ZH. Seine Frau hat mitgeteilt, dass er ein elektronisches Patientendossier hat. Herr Muster wurde von SRZ schon einmal transportiert und hat deshalb bei SRZ bereits eine Patienten-ID: 762354. Das Team hat von der Ehefrau die folgenden Informationen erhalten:

- Peter Muster hat keine Patientenverfügung erstellt
- Er ist allergisch auf Baumpollen und es gibt eine bekannte Unverträglichkeitsreaktion auf einzelne Medikamente

- Seit einem Herzvorfall vor vier Jahren, der im Triemlispital in Zürich behandelt wurde, nimmt Peter Muster Aspirin Cardio 100 (1 Tbl./Tag)
- Es sind keine anderen medizinischen Probleme bekannt.

Seit dem Frühstück um ca. 8 Uhr hat er nichts mehr gegessen. Der Patient wird nach der Erstversorgung mit einem Rettungsbrett in den Rettungswagen gebracht und transportbereit gemacht. Der Rettungswagen fährt um 12.48 Uhr am Einsatzort ab (Status: DEPARTURE FROM SCENE, Bezeichnung Status: 3). Während sich der Notarzt unterwegs um den Patienten kümmert, meldet Hans Beispiel den Patienten bereits mit allen relevanten Informationen in der Notaufnahme des USZ an. Er fährt aufgrund der Verdachtsdiagnose mit Sondersignal ins USZ. Petra verstaut die Effekten von Peter Muster in einen Wertsachenbeutel und erstellt ein Wertsachenverzeichnis, welches später zusammen mit dem Wertsachenbeutel im USZ abgegeben wird. Um 12.54 Uhr trifft der Rettungswagen im USZ ein (Status: ARRIVAL AT TARGET, Bezeichnung Status: 4). Der Notarzt und Petra übergeben den Patienten dem zuständigen Arzt, Dr. Spitalarzt, GLN 7601000404268, in der Notaufnahme des USZ. Parallel dazu trägt Hans Beispiel noch die folgenden Informationen im Protokoll nach: Der GCS beträgt immer noch 15; der NACA bei der Übergabe ist III (stationärer Aufenthalt des Patienten angezeigt); der Schmerz hat sich etwas reduziert auf 4; der Zustand des Patienten hat sich im Verlauf des Einsatzes verbessert. Petra unterzeichnet das Dokument um 13.05 Uhr und sendet dieses medizinische Abschlussprotokoll verschlüsselt an die E-Mail-Adresse des USZ. Alternativ hätte sie das Protokoll auch lokal im Rettungswagen ausdrucken und in der Notaufnahme in Papierform abgeben können. Dieses medizinische Abschlussprotokoll wird bei SRZ rechtsverbindlich archiviert, falls es zu juristischen Abklärungen mit medizinischem Hintergrund kommen sollte.

Während sich der Notarzt nach der Patientenübergabe an den Stützpunkt zurückbegibt, bereiten Petra und Hans den Rettungswagen wieder so weit vor, dass das Team für einen weiteren Notfalleinsatz bereit wäre. Dafür wird Reservematerial, das auf dem Rettungswagen vorhanden ist, verwendet. Da kein Anschlusseinsatz erfolgt, fährt das Team nun mit dem Rettungswagen zum Stützpunkt zurück. Abfahrt am Zielort (Status: DEPARTURE FROM TARGET, Bezeichnung Status: 5). Dort wird das Fahrzeug wieder vollständig einsatzbereit gemacht, d.h. sämtliches verwendetes Material wird wieder aufgefüllt, das Fahrzeug gereinigt, etc. Danach ist das Team wieder voll einsatzbereit (Status: OPERATIONAL READINESS, Bezeichnung Status: 6). Das Team 111 erfasst nun alle weiteren für den Einsatz relevanten Daten (alternative Rechnungsadresse, verbrauchtes Material, gefahrene Kilometer, Daten für die Gewaltstatistik, ...) im elektronischen Patientenprotokoll. Nachdem alle notwendigen Daten erfasst worden sind, schliessen Petra und ihr Kollege den Einsatz auch administrativ ab. Das Einsatzprotokoll wird nun nochmals archiviert, jetzt aber mit allen administrativen und verrechnungstechnisch relevanten Daten. Damit können auch juristische Fragen mit nicht-medizinischem Hintergrund zweifelsfrei dokumentiert werden.

Mit diesem Schritt ist der Einsatz für das Team vollständig abgeschlossen.

Umsetzungsbeispiele:

- Elektronisch: [1-Einsatzprotokoll.xml](#)
- Elektronisch: [1b-Einsatzprotokoll.xml](#)

### 5.3.2 Use case 2 - Primäreinsatz mit unbekanntem Patienten

Am 10.12.2016 um 12.09 Uhr erhält die Sanitätsnotrufzentrale Zürich (GLN 7601002156370) einen Notruf (Status ALARM). Es wird gemeldet, dass eine unbekannte Person auf der Strasse zusammengebrochen und nicht ansprechbar ist, aber atmet und deshalb Nothilfe benötigt wird. Als Einsatzort wird 8050 Zürich, Sternen Oerlikon, Schaffhauserstr. 350, angegeben. Genauere Angaben sind zum Zeitpunkt des Anrufs nicht vorhanden.

Die Sanitätsnotrufzentrale Zürich disponiert um 12.11 Uhr (Status: DISPOSITION, DP) das Team 111 mit dem Rettungswagen (Z-211) mit Sondersignal an den Einsatzort. Das Team 111 besteht aus Petra Muster, dipl. Rettungssanitäterin HF, GLN 7601003330434, und Hans Beispiel, Transportsanitäter FA, GLN 7601000211804. Beide nehmen die Rolle von Betreuungspersonen ein. Der Einsatz erhält von der SNZ die Einsatznummer S12345678 und die Dispositionsnummer D12345678. Als Einsatzstichwort wird aufgrund des unklaren Geschehens „unklare Situation, Abklärung vor Ort“ angegeben. Aufgrund der wenigen verfügbaren Informationen und des Einsatzortes legt die SNZ provisorisch fest, dass der Transport des Patienten bei Bedarf in die interdisziplinäre Notfallstation des Universitätsspitals Zürich (USZ, Rämistrasse 100, 8091 Zürich, GLN 7601002155939) erfolgen soll.

Team 111 fährt um 12.13 Uhr in der Wache von SRZ los (Status: ROLLOUT, Bezeichnung Status: 1) und trifft 12.17 Uhr am Ereignisort ein (Statuszeit ARRIVAL ON SCENE, Bezeichnung Status: 2). Bei der Ankunft des Teams wird festgestellt, dass der Patient von einem Laienhelfer betreut wird, der bereits erste Hilfe geleistet hat. Das Team übernimmt daraufhin den Patienten vom Laienhelfer. Da der Patient keine Angaben zu seiner Person machen kann, keine Identitätsmittel auf sich trägt und ihn keine anwesende Person kennt, versieht ihn Petra Muster zur Identifikation mit einer Patientenleitsystem (PLS) Tasche mit der Nummer MU43221.

Die betreuende Rettungssanitäterin Petra Muster beurteilt den männlichen Patienten, ca. 50-jährig, mittels des standardisierten ABCDE-Abfragealgorithmus. Dabei werden die folgenden Beobachtungen um 12.25 Uhr gemacht. Airway: die Atemwege sind nicht verlegt; Breathing: der Patient hat eine unauffällige Spontanatmung; Cardiology: sein Puls ist tastbar, es liegt kein Herz-Kreislauf-Stillstand vor; Frequenz 84/Minute, Blutdruck 170/90, gemessen am rechten Arm; Disabilities AV-PU: V (reagiert auf laute Ansprache); Glasgow Coma Scale: Augenöffnung bei Ansprache (3), gibt Einzelworte von sich (3), Dekortikationsstarre (3), total 9; Temperatur 37,2 °C; die Augen zeigen eine deutliche Anisokorie auf.

Petra stellt damit die Verdachtsdiagnose „Stroke“ mit dem ICD-10-Code I63.-.

Sie legt dem Patienten sofort eine Infusion mit 500 ml Ringer. Der Patient wird liegend in den Rettungswagen verladen.

Der Rettungswagen fährt um 12.48 Uhr am Einsatzort ab (Status: DEPARTURE FROM SCENE, Bezeichnung Status: 3). Während sich Petra unterwegs um den Patienten kümmert, meldet Hans Beispiel den Patienten bereits mit allen relevanten Informationen in der Notaufnahme des USZ an. Er fährt aufgrund der Verdachtsdiagnose mit Sondersignal ins USZ und meldet, dass der Patient in der Notaufnahme das Stroke-Team benötigt und deshalb die Aufnahmedringlichkeit „rot“ ist. Petra verstaut die Effekten des Patienten in einen Wertsachenbeutel und erstellt ein Wertsachenverzeichnis, welches später zusammen mit dem Wertsachenbeutel im USZ abgegeben wird. Um 12.54 Uhr trifft der Rettungswagen im USZ ein (Status: ARRIVAL AT TARGET, Bezeichnung Status: 4).

Petra übergibt den Patienten dem zuständigen Arzt, Dr. Spitalarzt, GLN 7601000404268, in der Notaufnahme des USZ. Parallel dazu trägt Hans Beispiel noch die folgenden Informationen im Protokoll nach: Der GCS beträgt jetzt 10; der NACA bei der Übergabe ist III (stationärer Aufenthalt des Patienten angezeigt); der Zustand des Patienten hat sich im Verlauf des Einsatzes verbessert. Petra unterzeichnet das Dokument um 13.05 Uhr und sendet dieses medizinische Abschlussprotokoll verschlüsselt an die E-Mail-Adresse des USZ. Dieses medizinische Abschlussprotokoll wird bei SRZ rechtsverbindlich archiviert, falls es zu juristischen Abklärungen mit medizinischem Hintergrund kommen sollte.

Petra und Hans bereiten den Rettungswagen wieder so weit vor, dass das Team für einen weiteren Notfalleinsatz bereit wäre. Dafür wird Reservematerial, das auf dem Rettungswagen vorhanden ist, verwendet. Da kein Anschlusseinsatz erfolgt, fährt das Team nun mit dem Rettungswagen zum Stützpunkt zurück. Abfahrt am Zielort (Status: DEPARTURE FROM TARGET, Bezeichnung Status: 5). Dort wird das Fahrzeug wieder vollständig einsatzbereit gemacht, d. h. sämtliches verwendetes Material wird wieder aufgefüllt, das Fahrzeug gereinigt, etc. Danach ist das Team wieder voll ein-

satzbereit (Status: OPERATIONAL READINESS, Bezeichnung Status: 6). Das Team 111 erfasst nun alle weiteren für den Einsatz relevanten Daten (alternative Rechnungsadresse, verbrauchtes Material, gefahrene Kilometer, Daten für die Gewaltstatistik, ...) im elektronischen Patientenprotokoll. Nachdem alle notwendigen Daten erfasst worden sind, schliessen Petra und ihr Kollege den Einsatz auch administrativ ab.

Mit diesem Schritt ist der Einsatz für das Team vollständig abgeschlossen.

Umsetzungsbeispiele:

- Elektronisch: [2-Einsatzprotokoll.xml](#)
- Elektronisch: [2b-Einsatzprotokoll.xml](#)

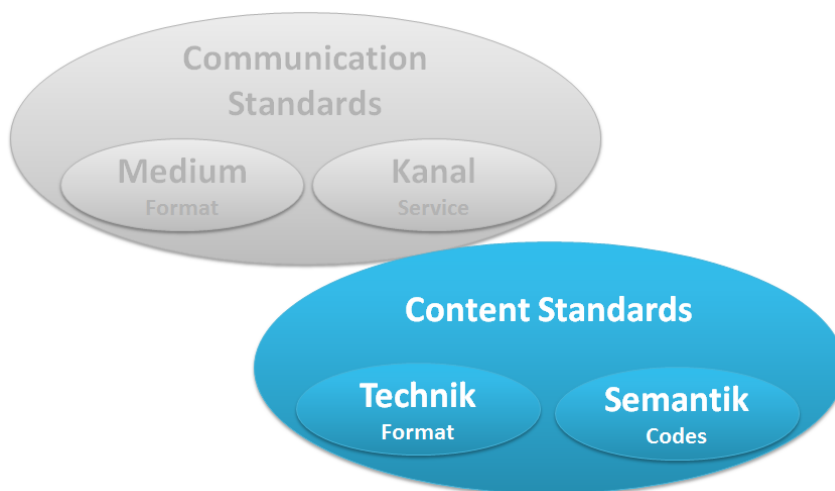


## 6 Empfehlungen

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 2] *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 Umgang mit Metadaten in [CDA-CH V2 \(2017\)](#) genannt, ist im Zusammenhang mit dem elektronischen Patientendossier ist ein harmonisierter Umgang mit Metadaten zu den Dokumenten, welche mit CDA-CH V2 erstellt werden wichtig.

### 6.2.1 Empfehlung zum Umgang mit Metadaten

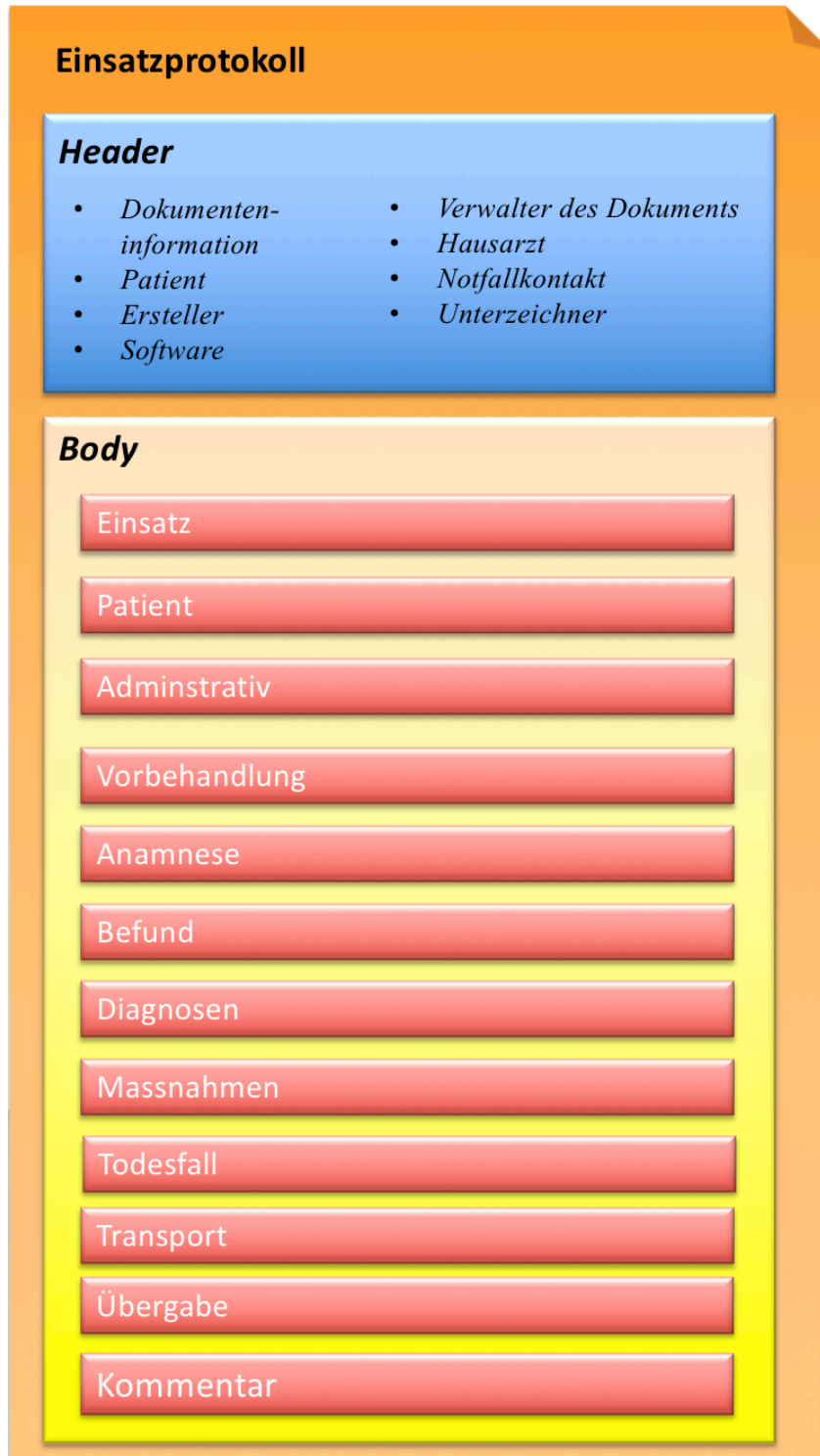
Wenn ein CDA Dokument, welches der vorliegenden Spezifikation entspricht, in das elektronische Patientendossier eingestellt wird, sollen die Metadaten gemäss dieser Beschreibung zugeordnet werden: [Metadaten gemäss EPDV](#)

Ausserdem enthält die vorliegende Spezifikation eine konkret Vorgabe für das Metadaten-Attribut **typeCode** (siehe dazu Template 'Document Code'). Das Metadaten-Attribut **classCode** lässt sich davon gemäss der Tabelle "2.11 Typ des Dokumentes (2.16.756.5.30.1.127.3.10.1.27)" in Anhang 3 der Verordnung des EDI über das elektronische Patientendossier (Metadaten)<sup>[Anmerkung 2]</sup> ableiten (Spalte 4, 'Gehört zu Dokumentenklasse aus 2.3').

## 7 Spezifikation (normativ)

### 7.1 Vereinfachte Zusammenfassung der CDA Struktur

Die genaue Struktur des CDA Dokuments ist in den nachfolgenden Kapiteln im Detail beschrieben.



Der CDA Header basiert auf CDA-CH V2 mit ein paar Präzisierungen für CDA-CH RESP. Der CDA Body wird durch einzelne Sections spezifisch für CDA-CH RESP definiert.

## 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-RESP (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 der 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<br>1..*            | NICHT ERLAUBT             | Das Element MUSS mit einem korrekten "echten" Wert angegeben werden. |

|      |              |                       |  |
|------|--------------|-----------------------|--|
|      |              |                       | nullFlavor oder "Dummy"-Werte sind NICHT ERLAUBT.  |
| [NP] | 0..0         | NICHT ERLAUBT         | Element ist NICHT ERLAUBT.   |
| [R]  | 1..1<br>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<br>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 1] *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 "0 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. [Spezifikation CDA-CH V2 \(2017\)](#)

## 7.3 Dataset & Szenario

The screenshot displays a software interface for configuring a dataset. At the top, it shows the template name 'EmergencyMedicalServiceProtocol (Dynamic)' and the source dataset '1 (2016-07-11 15:25:57)'. On the left, a tree view lists various concepts, with 'Einsatzdatum 1..1 M' selected. The main area shows the configuration for 'Einsatzdatum' with the following details:

- Card/Conf:** 1..1 Mandatory
- Id:** cdachresp-dataelement-54
- Status:** Draft
- Description:** -
- Source:** -
- Operationalization:** -
- Value:**











| Type       | Date   | Timestamp Precision | Default | Fixed |
|------------|--|---------------------|---------|-------|
| Properties | at least day (DD), month (MM) and year (YYYY), hour (hh) and minute (mm) |                     |         |       |
- Example:** 010120162311
- Usage:** (1)
- Issues:** (0)

Für den Primäreinsatz wurde ein Datenset/Szenario festgelegt, die den Umfang und Optionalitäten der einzelnen Datenelemente definieren. Dieses Szenario ist direkt in [Art-Decor](#) ersichtlich.

## 7.4 CDA Struktur

### 7.4.1 CDA Document Level Templates

#### 7.4.1.1 EmergencyMedicalServiceProtocol

|                           |  |   |   |                     |
|---------------------------|--|---|---|---------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.1.2   | <b>Effective Date</b>   | 2017-06-13 17:19:29<br>Other versions this id:<br>▪ EmergencyMedicalServiceProtocol as of 2017-05-31 17:19:29                                 |                     |
| <b>Status</b>             |  Under pre-publication review | <b>Version Label</b>  | 2017  |                     |
| <b>Name</b>               | EmergencyMedicalServiceProtocol  | <b>Display Name</b>   | EmergencyMedicalServiceProtocol   |                     |
| <b>Description</b>        | Emergency Medical Service Protocol for Switzerland   |   |   |                     |
| <b>Context</b>            | Pathname //  |   |   |                     |
| <b>Classification</b>     | CDA Document Level Template  |   |   |                     |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)   |   |   |                     |
| <b>Used by / Uses</b>     | Used by 0 transactions and 1 template, Uses 15 templates   |   |   |                     |
|                           | <b>Used by</b>   | <b>as</b>   | <b>Name</b>   | <b>Version</b>      |
|                           | 2.16.756.5.30.1.1.10.1.2   | Include   |  EmergencyMedicalServiceProtocol (2017)                      | 2017-05-31 17:19:29 |
|                           | <b>Uses</b>  | <b>as</b>   | <b>Name</b>   | <b>Version</b>      |
|                           | 2.16.756.5.30.1.1.10.2.25  | Include   |  Document Realm (2017)                                     | DYNAMIC             |
|                           | 2.16.756.5.30.1.1.10.2.18  | Include   |  Document Template Ids CDA-CH v2.0 - structuredBody (2017) | DYNAMIC             |
|                           | 2.16.756.5.30.1.1.10.9.40  | Include   |  RESP Header Template Compilation (2017)                   | DYNAMIC             |
|                           | 2.16.756.5.30.1.1.10.3.7   | Containment   |  Mission (2017)  | DYNAMIC             |
|                           | 2.16.756.5.30.1.1.10.3.8   | Containment   |  Patient (2017)  | DYNAMIC             |
|                           | 2.16.756.5.30.1.1.10.3.43  | Containment   |  Administrative (2017)                                     | DYNAMIC             |
| 2.16.756.5.30.1.1.10.3.42 | Containment  |  Pretreatment (2017) | DYNAMIC   |                     |
| 2.16.756.5.30.1.1.10.3.41 | Containment  |  Anamnesis (2017)    | DYNAMIC   |                     |

|                           |             |                                |         |
|---------------------------|-------------|--------------------------------|---------|
| 2.16.756.5.30.1.1.10.3.14 | Containment | Findings (2017)                | DYNAMIC |
| 2.16.756.5.30.1.1.10.3.16 | Containment | Diagnosis (2017)               | DYNAMIC |
| 2.16.756.5.30.1.1.10.3.17 | Containment | Procedures (2017)              | DYNAMIC |
| 2.16.756.5.30.1.1.10.3.18 | Containment | EventOfDeath (2017)            | DYNAMIC |
| 2.16.756.5.30.1.1.10.3.19 | Containment | Transport (2017)               | DYNAMIC |
| 2.16.756.5.30.1.1.10.3.15 | Containment | Handover (2017)                | DYNAMIC |
| 2.16.756.5.30.1.1.10.3.2  | Containment | Remarks Section - coded (2017) | DYNAMIC |

**Relationship**

Specialization: template 2.16.756.5.30.1.1.10.1.9 (2017-03-28 23:43:12)

**Example****Example**

```

<hl7:ClinicalDocument xsi:schemaLocation="urn:hl7-org:v3 ../../../../schemas/PHARM/schemas/cda/extendedschemas/CDA_extended_pharmacy.xsd">
  <hl7:realmCode code="CHE"/>
  <hl7:typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040"/>
  <!-- CDA-CH v2.0 ART-DECOR model - structuredBody. -->
  <hl7:templateId root="2.16.756.5.30.1.1.10.1.9"/>
  <!-- HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody. -->
  <hl7:templateId root="2.16.840.1.113883.10.12.2"/>
  <!-- HL7 CDA R2 (2005). -->
  <hl7:templateId root="2.16.840.1.113883.10.12.1"/>
  <!-- CDA-CH RESP -->
  <hl7:templateId root="2.16.756.5.30.1.1.10.1.2"/>
  <hl7:id root="B4044742-AB2C-49F6-8151-0E2BE5D3F923"/>
  <!-- A LOINC based document type of a CDA document instance including a
translation to the Swiss EPR XDS.b metadata. -->
  <hl7:code code="67796-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="EMS Patient Care Report">
    <!-- Mapping to the Swiss EPR XDS.b metadata -->
    <hl7:translation code="371535009" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Transfer summary report"/>
  </hl7:code>
  <hl7:title>Einsatzprotokoll</hl7:title>
  <hl7:effectiveTime value="20161210124000.0000+0100"/>
  <hl7:confidentialityCode code="1051000195109" codeSystem="2.16.840.1.113883.6.96" displayName="Normal" codeSystemName="SNOMED CT"/>
  <hl7:languageCode code="de-CH"/>
  <hl7:setId root="662E3C16-0AAC-11E8-BA89-0ED5F89F718B"/>
  <hl7:versionNumber value="2"/>
  <hl7:recordTarget>
    <hl7:patientRole>
      <hl7:id extension="MU43221" root="2.16.756.5.30.1.143.20"/>
      <hl7:patient>

```



```

    <hl7:name>
      <!-- cdachresp-dataelement-8 -->
      <hl7:family nullFlavor="UNK"/>
      <!-- cdachresp-dataelement-9 -->
      <hl7:given nullFlavor="UNK"/>
    </hl7:name>
    <!-- cdachresp-dataelement-11 -->
    <hl7:administrativeGenderCode code="M" codeSystem="2.16.840.1.113883.5.1" displayName="Male" codeSystemName="HL7 AdministrativeGender"/>
    <!-- cdachresp-dataelement-10 -->
    <hl7:birthTime nullFlavor="UNK"/>
  </hl7:patient>
</hl7:patientRole>
</hl7:recordTarget>
<!-- Rettungssanitäterin -->
<hl7:author>
  <hl7:functionCode displayName="Andere Gesundheitsfachperson" code="223366009" codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96">
    <hl7:translation code="133932002" displayName="Betreuer" codeSystem="2.16.840.1.113883.6.96" codeSystemName="IVR Codesystem RESP"/>
  </hl7:functionCode>
  <hl7:time value="20161210121305.0000+0100"/>
  <hl7:assignedAuthor>
    <hl7:id extension="7601003330434" root="2.51.1.3"/>
    <hl7:assignedPerson>
      <hl7:name>
        <hl7:given>Petra</hl7:given>
        <hl7:family>Muster</hl7:family>
      </hl7:name>
    </hl7:assignedPerson>
  </hl7:assignedAuthor>
</hl7:author>
<hl7:informant>
  <hl7:assignedEntity>
    <!-- cdachresp-dataelement-60 anbietende Organisation -->
    <hl7:id root="2.51.1.3" extension="7601002156370"/>
  </hl7:assignedEntity>
</hl7:informant>
<hl7:custodian>
  <hl7:assignedCustodian>
    <hl7:representedCustodianOrganization>
      <!-- cdachresp-dataelement-61 aufgebotene Organisation -->
      <hl7:id root="2.51.1.3" extension="7601002156363"/>
      <!-- cdachresp-dataelement-384 aufgebotene Organisation -->
      <hl7:name>Rettungsdienst Schutz & Rettung Zürich</hl7:name>
    </hl7:representedCustodianOrganization>
  </hl7:assignedCustodian>
</hl7:custodian>
<hl7:informationRecipient typeCode="PRCP">
  <hl7:intendedRecipient>
    <hl7:id root="2.51.1.3" extension="7601000404268"/>
    <hl7:informationRecipient>
      <hl7:name>
        <hl7:given>Hans</hl7:given>

```

```

        <hl7:family>Spezialarzt</hl7:family>
    </hl7:name>
</hl7:informationRecipient>
<hl7:receivedOrganization>
    <hl7:id root="2.51.1.3" extension="7601002155939"/>
    <!-- cdachresp-dataelement-174 -->
    <hl7:name>USZ</hl7:name>
    <hl7:addr>
        <hl7:streetAddressLine>Rämistrasse 100</hl7:streetAddressLine>
        <hl7:city>Zürich</hl7:city>
        <hl7:postalCode>8091</hl7:postalCode>
        <hl7:country>CH</hl7:country>
    </hl7:addr>
</hl7:receivedOrganization>
</hl7:intendedRecipient>
</hl7:informationRecipient>
<hl7:legalAuthenticator>
    <hl7:time value="20161210124000.0000+0100"/>
    <hl7:signatureCode code="S"/>
    <hl7:assignedEntity>
        <hl7:id extension="7601003330434" root="2.51.1.3"/>
        <hl7:assignedPerson>
            <hl7:name>
                <hl7:given>Petra</hl7:given>
                <hl7:family>Muster</hl7:family>
            </hl7:name>
        </hl7:assignedPerson>
    </hl7:assignedEntity>
</hl7:legalAuthenticator>
<hl7:documentationOf typeCode="DOC">
    <hl7:templateId root="2.16.756.5.30.1.1.10.2.46"/>
    <hl7:serviceEvent classCode="ACT" moodCode="EVN">
        <!-- cdachresp-dataelement-55 Einsatznummer -->
        <!-- Extension: Einsatznummer SNZ root: OID vom SNZ -->
        <hl7:id root="2.16.756.5.30.1.9999999999.1" extension="S12345678"/>
        <hl7:effectiveTime>
            <!-- cdachresp-dataelement-54: Einsatzdatum -->
            <hl7:low value="20161210"/>
            <hl7:high nullFlavor="NA"/>
        </hl7:effectiveTime>
        <!-- cdachresp-dataelement-102 Team -->
        <hl7:performer typeCode="PRF">
            <hl7:templateId root="2.16.756.5.30.1.1.10.9.31"/>
            <hl7:templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
            <hl7:functionCode displayName="Andere Gesundheitsfachperson" code="223366009" codeSystemName="SNOMED CT" codeSys-
tem="2.16.840.1.113883.6.96">
                <hl7:translation code="133932002" displayName="Betreuer" codeSystem="2.16.840.1.113883.6.96" codeSystemName="IVR Codesystem RESP"/>
            </hl7:functionCode>
        </hl7:performer>
    </hl7:serviceEvent>
    <hl7:assignedEntity>
        <!-- cdachresp-dataelement-281 -->
        <hl7:id extension="7601003330434" root="2.51.1.3"/>

```

```

<hl7:addr>
  <hl7:streetAddressLine>Bahnhofquai 3, Amtshaus I</hl7:streetAddressLine>
  <hl7:postalCode>8001</hl7:postalCode>
  <hl7:city>Zürich</hl7:city>
  <hl7:country>CH</hl7:country>
</hl7:addr>
<hl7:telecom nullFlavor="NA"/>
<hl7:assignedPerson>
  <hl7:name>
    <hl7:given>Petra</hl7:given>
    <hl7:family>Muster</hl7:family>
  </hl7:name>
</hl7:assignedPerson>
<hl7:representedOrganization>
  <hl7:id root="2.51.1.3" extension="7601002156363"/>
  <hl7:name>Rettungsdienst Schutz & Rettung Zürich</hl7:name>
  <hl7:telecom nullFlavor="NA"/>
  <hl7:addr>
    <hl7:streetAddressLine>Bahnhofquai 3, Amtshaus I</hl7:streetAddressLine>
    <hl7:postalCode>8001</hl7:postalCode>
    <hl7:city>Zürich</hl7:city>
    <hl7:country>CH</hl7:country>
  </hl7:addr>
</hl7:representedOrganization>
</hl7:assignedEntity>
</hl7:performer>
<hl7:performer typeCode="PRF">
  <hl7:templateId root="2.16.756.5.30.1.1.10.9.31"/>
  <hl7:templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
  <hl7:functionCode displayName="Andere Gesundheitsfachperson" code="223366009" codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96">
    <hl7:translation code="133932002" displayName="Betreuer" codeSystem="2.16.840.1.113883.6.96" codeSystemName="IVR Codesystem RESP"/>
  </hl7:functionCode>
<hl7:assignedEntity>
  <!-- cdachresp-dataelement-281 -->
  <hl7:id extension="7601000211804" root="2.51.1.3"/>
  <hl7:addr>
    <hl7:streetAddressLine>Bahnhofquai 3, Amtshaus I</hl7:streetAddressLine>
    <hl7:postalCode>8001</hl7:postalCode>
    <hl7:city>Zürich</hl7:city>
    <hl7:country>CH</hl7:country>
  </hl7:addr>
  <hl7:telecom nullFlavor="NA"/>
  <hl7:assignedPerson>
    <hl7:name>
      <hl7:given>Hans</hl7:given>
      <hl7:family>Beispiel</hl7:family>
    </hl7:name>
  </hl7:assignedPerson>
<hl7:representedOrganization>
  <hl7:id root="2.51.1.3" extension="7601002156363"/>

```

```

<hl7:name>Rettungsdienst Schutz & Rettung Zürich</hl7:name>
<hl7:telecom nullFlavor="NA"/>
<hl7:addr>
  <hl7:streetAddressLine>Bahnhofquai 3, Amtshaus I</hl7:streetAddressLine>
  <hl7:postalCode>8001</hl7:postalCode>
  <hl7:city>Zürich</hl7:city>
  <hl7:country>CH</hl7:country>
</hl7:addr>
</hl7:representedOrganization>
</hl7:assignedEntity>
</hl7:performer>
</hl7:serviceEvent>
</hl7:documentationOf>
<hl7:component>
...
</hl7:component>
</hl7:ClinicalDocument>

```


| Item                 | DT   | Card    | Conf | Description  | Label       |
|----------------------|------|---------|------|--|-------------|
| hl7:ClinicalDocument |      | 1 ... 1 | M    |  | (Eme...col) |
| <i>Included</i>      |      | 1 ... 1 | M    | from 2.16.756.5.30.1.1.10.2.25 <i>Document Realm</i> (DYNAMIC)                                     |             |
| └ hl7:realmCode      | CS   | 1 ... 1 | M    | Swiss Realm (CHE) of HL7 CDA.  | CDA-CH V2   |
| └ @code              | CONF | 1 ... 1 | F    | CHE  |             |
| └ hl7:typeId         | II   | 1 ... 1 | M    | HL7 CDA R2, 2005   | (Eme...col) |
| └ @root              | uid  | 1 ... 1 | F    | 2.16.840.1.113883.1.3  |             |
| └ @extension         | st   | 1 ... 1 | F    | 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) |             |
| └ 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  |             |
| └ h17:templateId  | II  | 1 ... 1 | M  | HL7 CDA R2 (2005); contains ClinicalDocument.component as structured-Body.       | CDA-CH V2   |
| └ @root           | uid | 1 ... 1 | F  | 2.16.840.1.113883.10.12.2  |             |
| └ 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  |             |
| └ h17:templateId  | II  | 1 ... 1 | R  | Template ID describing CDA-CH RESP   | (Eme...col) |
| └ @root           | uid | 1 ... 1 | F  | 2.16.756.5.30.1.1.10.1.2   |             |
| Included          |     |         |    | from 2.16.756.5.30.1.1.10.9.40 <i>RESP 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.                              | CDA-CH V2   |
| └ @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 2.16.756.5.30.1.1.10.2.45 <i>Document Code RESP</i> (DYNAMIC)               |             |
| └ h17:code        | CE  | 1 ... 1 | M  | The LOINC code for this document is 67796-3                                      | (Eme...col) |
| └ @code           | st  | 1 ... 1 | F  | 67796-3  |             |
| └ @codeSystem     | oid | 1 ... 1 | F  | 2.16.840.1.113883.6.1  |             |
| └ @codeSystemName | st  | 1 ... 1 | F  | LOINC  |             |
| └ @displayName    | st  | 1 ... 1 | F  | EMS Patient Care Report  |             |

|                           |               |         |   |  |             |
|---------------------------|---------------|---------|---|--|-------------|
| └ h17:translation         | CD            | 1 ... 1 | R | A translation to the Swiss EPR XDS.b metadata SHALL be specified.  | (Eme...col) |
| └ @code                   | st            | 1 ... 1 | F | 371535009  |             |
| └ @codeSystem             | oid           | 1 ... 1 | F | 2.16.840.1.113883.6.96   |             |
| └ @codeSystemName         | st            | 1 ... 1 | F | SNOMED CT  |             |
| └ @displayName            | st            | 1 ... 1 | F | Transfer summary report  |             |
| └ h17:title               | ST            | 1 ... 1 | M | EmergencyServiceProtocol   | (Eme...col) |
| └ h17: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. | (Eme...col) |
| Included                  |               | 1 ... 1 | M | from 2.16.756.5.30.1.1.10.2.19 <i>Document Confidentiality Code</i> (DYNAMIC)  |             |
| └ h17:confidentialityCode | CE (required) | 1 ... 1 | M | Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.   | CDA-CH V2   |
| └ @code                   | cs            | 1 ... 1 | R | The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)  |             |
| └ @codeSystem             | oid           | 1 ... 1 | F | 2.16.840.1.113883.6.96   |             |
| └ @codeSystemName         | st            | 1 ... 1 | F | SNOMED CT  |             |
| └ @displayName            | st            | 1 ... 1 | R | The value of @displayName MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)   |             |
|                           | CONF          |         |   | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>EprDocumentConfidentialityCode</i> (DYNAMIC)                                  |             |
| Included                  |               | 1 ... 1 | M | from 2.16.756.5.30.1.1.10.2.22 <i>Document Language</i> (DYNAMIC)  |             |
| └ h17:languageCode        | CS            | 1 ... 1 | M | The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.                                   | CDA-CH V2   |
|                           | CONF          |         |   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)   |             |

Included

from 2.16.756.5.30.1.1.10.2.20 *Document Set Id and Version Number* (DYNAMIC)

|                     |                   |         |   |  |           |
|---------------------|-------------------|---------|---|--|-----------|
| └ h17:setId         | II                | 1 ... 1 | R   | The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.  | CDA-CH V2 |
| └ @root             | uid               | 1 ... 1 | R   | The root attribute MUST contain the setId as Globally Unique Identifier (GUID).  |           |
| └ @extension        | st                | 0       | NP  | NP/not present   |           |
|                     | Schematron assert | role    |  error |  |           |
|                     |                   | test    |   | (parent::*hl7:versionNumber[@value='1'] and @root=parent::*hl7:id/@root and (@extension=parent::*hl7:id/@extension or (not(@extension) and not(parent::*hl7:id/@extension)))) or (parent::*hl7:versionNumber[not(@value='1')] and ((@root=parent::*hl7:id/@root and @extension and not(@extension=parent::*hl7:id/@extension)) or(not(@root=parent::*hl7:id/@root))))  |           |
|                     |                   | Message |   | The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.  |           |
| └ h17: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 |
| Included            |                   | 1 ... 1 | R   | from 2.16.756.5.30.1.1.10.2.1 <i>Patient - recordTarget</i> (DYNAMIC)  |           |
| └ 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><br/>                     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><br/>                     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 for-                 </li> </ul> | CDA-CH V2 |

|                   |     |         |   |  |           |
|-------------------|-----|---------|---|--|-----------|
|                   |     |         |   | <p>mat), 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/klasi/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><br/>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 |
| └ @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.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)   | CDA-CH V2 |




|  |          |  |   |  |           |
|--|----------|--|---|--|-----------|
| └ 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</i> (DYNAMIC) | CDA-CH V2 |
| where [h17:administrativeGenderCode [concat(@code,@codeSystem)=doc('include/voc-2.16.756.5.30.1.127.3.10.1.25-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code,@codeSystem) or @nullFlavor]] |          |  |   |  |           |
| └ h17:administrativeGenderCode   | CE       | 1 ... 1  | R | The patient's gender according to the Swiss EPR XDS.b metadata.                                    | CDA-CH V2 |
| └ @code  | cs       | 1 ... 1  | R |  |           |
| └ @codeSystem  | oid      | 1 ... 1  | F | 2.16.840.1.113883.5.1  |           |
| └ @codeSystemName  | st       | 1 ... 1  | F | HL7 AdministrativeGender   |           |
| └ @displayName   | st       | 1 ... 1  | R |  |           |
|  | CONF     | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 <i>EprGender</i> (DYNAMIC)    |   |  |           |
| └ h17:birthTime  | TS.CH.TZ | 1 ... 1  | R | The patient's birthdate.   | CDA-CH V2 |
| └ h17:maritalStatusCode  | CE       | 0 ... 1  |   | The patient's marital status.  | CDA-CH V2 |
| └ @code  | cs       | 1 ... 1  | R |  |           |
| └ @codeSystem  | oid      | 1 ... 1  | F | 2.16.840.1.113883.1.11.12212   |           |
| └ @codeSystemName  | st       | 1 ... 1  | F | HL7 MaritalStatus  |           |
| └ @displayName   | st       | 1 ... 1  | R |  |           |
|  | CONF     | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC) |   |  |           |

|                                |                   |      |         |         |   |           |
|--------------------------------|-------------------|------|---------|---------|---|-----------|
| └ 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:religiousAffiliationCode |                   | CE   | 0 ... 1 |         | The patient's religion.   | CDA-CH V2 |
|                                | └ @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 <i>Original Text Reference</i> (DYNAMIC)<br>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::hl7:structuredBody//*[@ID=\$idvalue]  |
|                   | Message | No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').                  |
| Schematron assert | role    | error   |
|                   | test    | parent::* /text()=ancestor::hl7:structuredBody//*[@ID=\$idvalue]/text()   |
|                   | Message | The originalText content MUST be identical to the narrative text for this reference.  |
| Schematron assert | role    | error   |
|                   | test    | (@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 |
| └─ hl7:id       | II  | 0 ... * |   | The guardian's id.   | CDA-CH V2 |
| └─ @root        | uid | 1 ... 1 | R | The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED. |           |
| └─ @extension   | st  | 0 ... 1 |   | The id itself. It MUST be unique within the issuing system.  |           |
| └─ hl7:code     | CE  | 0 ... 1 |   | The guardian's role.   | CDA-CH V2 |
| └─ @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 |         |   |           |
|                            |                   |         | 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.  |           |
| └ h17:addr                 | AD                | 0 ... * |         | The guardian's address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)   | CDA-CH V2 |
| └ h17:telecom              | TEL               | 0 ... * |         | The guardian's means of communication (phone, eMail, ...).  | CDA-CH V2 |
| Choice                     |                   | 1 ... 1 |         | 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 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)</li> <li>h17:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)</li> </ul> |           |
| └ h17:guardianPerson       |                   |         |         | The guardian's as a person.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)   | CDA-CH V2 |
| └ h17:guardianOrganization |                   |         |         | The guardian's as an organization.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)  | CDA-CH V2 |
| └ h17:birthplace           |                   | 0 ... 1 |         | The patient's birthplace.   | CDA-CH V2 |
| └ h17:place                |                   | 1 ... 1 |         |   | CDA-CH V2 |
| └ h17:name                 | EN                | 0 ... 1 |         | The patient's birthplace name.  | CDA-CH V2 |

|                             |      |         |   |   |              |
|-----------------------------|------|---------|---|---|--------------|
| └ h17:addr                  | AD   | 1 ... 1 | R | The patient's birthplace address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)   | CDA-CH<br>V2 |
| └ h17:languageCommunication |      | 0 ... * |   | The patient's language skills.  | CDA-CH<br>V2 |
| └ h17:languageCode          | CS   | 1 ... 1 |   |   | CDA-CH<br>V2 |
|                             | 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<br>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<br>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<br>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.<br>Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC) | CDA-CH<br>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<br>V2 |
| └ h17:templateId            | II   | 1 ... 1 | M |   | CDA-CH<br>V2 |
| └ @root                     | uid  | 1 ... 1 | F | 2.16.756.5.30.1.1.10.9.23   |              |

|                               |  |         |   |  |           |
|-------------------------------|--|---------|---|--|-----------|
| <code>h17:functionCode</code> | CE   | 1 ... 1 | R | <p>The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1.</p> <p>If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role.</p> <p>Translations to other vocabularies are allowed.</p> | CDA-CH V2 |
| <code>@nullFlavor</code>      | st   | 0 ... 1 | F | NAV  |           |
| <code>@code</code>            | cs   | 0 ... 1 |   |  |           |
| <code>@codeSystem</code>      | oid  | 0 ... 1 | F | 2.16.840.1.113883.6.96   |           |
| <code>@codeSystemName</code>  | st   | 0 ... 1 | F | SNOMED CT  |           |
| <code>@displayName</code>     | st   | 0 ... 1 |   |  |           |
| CONF                          | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)   |         |   |  |           |
| Example                       | <b>Patient</b><br><code>&lt;functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/&gt;</code>   |         |   |  |           |
| Example                       | <b>Nurse</b><br><code>&lt;functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/&gt;</code>  |         |   |  |           |
| Example                       | <b>Home helper</b><br><code>&lt;functionCode nullFlavor="NAV"&gt;<br/> &lt;originalText&gt;Home helper&lt;/originalText&gt;<br/> &lt;/functionCode&gt;</code>  |         |   |  |           |
| Example                       | <b>Laboratory technician</b><br><code>&lt;functionCode nullFlavor="NAV"&gt;<br/> &lt;originalText&gt;Laboratory technician&lt;/originalText&gt;<br/> &lt;translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/&gt;<br/> &lt;/functionCode&gt;</code> |         |   |  |           |

|                       |          |                   |         |  |  |  |  |           |  |
|-----------------------|----------|-------------------|---------|--|--|--|--|-----------|--|
|                       |          |                   |         |  |  |  |  |           |  |
|                       |          | Schematron assert | role    |  error        |  |  |  |           |  |
|                       |          | Schematron assert | test    | (@code and @codeSystem) or (@nullFlavor='NAV')   |  |  |  |           |  |
|                       |          | Schematron assert | Message | Either a code with its code system or nullFlavor='NAV' is required.                              |  |  |  |           |  |
|                       |          | Schematron assert | role    |  error        |  |  |  |           |  |
|                       |          | Schematron assert | test    | not(@nullFlavor) or (hl7:originalText)   |  |  |  |           |  |
|                       |          | Schematron assert | Message | Other Caregivers description MUST be declared in the originalText element in case of nullFlavor. |  |  |  |           |  |
| └─ hl7:translation    |          |                   | 0 ... * |  |  | A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)   |  | CDA-CH V2 |  |
| └─ @code              | cs       |                   | 1 ... 1 | R  |  |  |  |           |  |
| └─ @codeSystem        | oid      |                   | 1 ... 1 | R  |  |  |  |           |  |
| └─ @codeSystemName    | st       |                   | 1 ... 1 | R  |  |  |  |           |  |
| └─ @displayName       | st       |                   | 1 ... 1 | R  |  |  |  |           |  |
| └─ hl7:time           | TS.CH.TZ |                   | 1 ... 1 | R  |  | Timestamp of the authorship.   |  | CDA-CH V2 |  |
| └─ hl7:assignedAuthor |          |                   | 1 ... 1 | R  |  |  |  | CDA-CH V2 |  |
|                       |          | Schematron assert | role    |  error       |  |  |  |           |  |
|                       |          | Schematron assert | test    | not(assignedAuthoringDevice/softwareName) or (representedOrganization)                           |  |  |  |           |  |
|                       |          | Schematron assert | 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.<br>For persons: their personal GLN MUST be declared.<br>For devices or software modules: the GLN of their organization MUST be declared. |  | CDA-CH V2 |  |
| └─ @nullFlavor        | cs       |                   | 0 ... 1 | F  |  | NAV  |  |           |  |
|                       |          |                   |         |  |  | Temporarily unknown, will be filled later.   |  |           |  |

|                               |     |                   |         |   |              |         |  |           |
|-------------------------------|-----|-------------------|---------|---|--------------|---------|--|-----------|
| └ @root                       | cs  |                   | 0 ... 1 | F | 2.51.1.3     |         |  |           |
|                               |     |                   |         |   |              |         | OID for GS1 GLN.   |           |
| └ @extension                  | st  |                   | 0 ... 1 |   | The GS1 GLN. |         |  |           |
|                               |     | Schematron assert |         |   | role         | ● error |  |           |
|                               |     |                   |         |   | test         |         | (@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')   |           |
|                               |     |                   |         |   | Message      |         | Either the GS1 GLN or nullFlavor='NAV' is REQUIRED   |           |
| └ h17:id                      | II  |                   | 0 ... * |   |              |         | Other ids are allowed.   | CDA-CH V2 |
| └ @root                       | cs  |                   | 1 ... 1 | R |              |         | The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.   |           |
| └ @extension                  | st  |                   | 0 ... 1 |   |              |         | Contains the ID itself. The ID MUST be unique within the system that issued the ID.  |           |
| └ h17:addr                    | AD  |                   | 0 ... * |   |              |         | The author's address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (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.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)  | CDA-CH V2 |
| └ h17:assignedAuthoringDevice |     |                   | 0 ... 1 |   |              |         | The author as a device.<br>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.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)   | CDA-CH V2 |



|                       |                 |                |          |   |             |
|-----------------------|-----------------|----------------|----------|---|-------------|
| <i>Included</i>       |                 | <b>0 ... 1</b> |          | from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)   |             |
| └ h17: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   |
| └ h17:templateId      | <b>II</b>       | <b>1 ... 1</b> | <b>M</b> |   | CDA-CH V2   |
| └ @root               | uid             | <b>1 ... 1</b> | <b>F</b> | 2.16.756.5.30.1.1.10.2.7  |             |
| └ h17:time            | <b>TS.CH.TZ</b> | <b>0 ... 1</b> |          | Timestamp of the data input.  | CDA-CH V2   |
| └ h17:assignedEntity  |                 | <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 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)   |             |
| └ h17:informant       |                 | <b>0 ... *</b> |          |   | (Eme...col) |
| └ @typeCode           |                 | <b>0 ... 1</b> | <b>F</b> | INF   |             |
| └ @contextControlCode |                 | <b>0 ... 1</b> | <b>F</b> | OP  |             |
| <i>Choice</i>         |                 | <b>1 ... 1</b> |          | Elements to choose from: <ul style="list-style-type: none"> <li>h17:assignedEntity containing template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)</li> <li>h17:relatedEntity containing template 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)</li> </ul> |             |
| └ h17:assignedEntity  |                 |                |          | Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)  | (Eme...col) |
| └ h17:relatedEntity   |                 |                |          | Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)   | (Eme...col) |
| <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  | 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 |
| └ h17:telecom                          | TEL | 0 ... * |   | The custodian's means of communication (phone, eMail, ...).   | CDA-CH V2 |
| └ h17:addr                             | AD  | 0 ... * |   | The custodian's address(es).<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)  | CDA-CH V2 |
| Included                               |     | 1 ... * | M | from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)   |           |
| └ h17:informationRecipient             |     | 1 ... * | M | A recipient of this CDA document (corresponds to the addressee of a letter - person or organization).<br><br><b>Recipient types:</b> <ul style="list-style-type: none"> <li>The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient).<br/>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> </ul> | CDA-CH V2 |



|                          |                 |   |           |   |           |
|--------------------------|-----------------|---|-----------|---|-----------|
| <i>Included</i>          |                 | <b>0 ... 1</b>  |           | from 2.16.756.5.30.1.1.10.2.5 <i>Legal Authenticator</i> (DYNAMIC)  |           |
| └ h17:legalAuthenticator |                 | <b>0 ... 1</b>  |           | Information about the legal authenticator of a CDA document. A legal authenticator <b>MUST</b> be a person. | CDA-CH V2 |
| └ h17:templateId         | <b>II</b>       | <b>1 ... 1</b>  | <b>M</b>  |   | CDA-CH V2 |
| └ @root                  | uid             | <b>1 ... 1</b>  | <b>F</b>  | 2.16.756.5.30.1.1.10.2.5  |           |
| └ h17:time               | <b>TS.CH.TZ</b> | <b>1 ... 1</b>  | <b>R</b>  | Timestamp of the signature.   | CDA-CH V2 |
| └ h17:signatureCode      | <b>CS</b>       | <b>1 ... 1</b>  | <b>R</b>  |   | CDA-CH V2 |
| └ @code                  | cs              | <b>1 ... 1</b>  | <b>F</b>  | S   |           |
| └ @codeSystem            | oid             | 0   | <b>NP</b> | NP/not present  |           |
| └ @codeSystemName        | st              | 0   | <b>NP</b> | NP/not present  |           |
| └ @displayName           | st              | 0   | <b>NP</b> | 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     |                 | <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)  |           |
| └ h17:authenticator      |                 | <b>0 ... *</b>  |           | Information about an authenticator of a CDA document. An authenticator <b>MUST</b> be a person.             | CDA-CH V2 |
| └ h17:templateId         | <b>II</b>       | <b>1 ... 1</b>  | <b>M</b>  |   | CDA-CH V2 |
| └ @root                  | uid             | <b>1 ... 1</b>  | <b>F</b>  | 2.16.756.5.30.1.1.10.2.6  |           |
| └ h17:time               | <b>TS.CH.TZ</b> | <b>1 ... 1</b>  | <b>R</b>  | 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 |
| Included             |              | 0 ... *   |    | from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)                            |           |
| └ 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 |
| └ @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  |  | CDA-CH V2 |
| └ @code                   | cs       | 1 ... 1 | R  |  |           |
| └ @codeSystem             | oid      | 1 ... 1 | F  | 1.3.6.1.4.1.19376.1.5.3.3  |           |
| └ @codeSystemName         | st       | 1 ... 1 | F  | IHERoleCode  |           |
| └ @displayName            | 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)   |           |
| └ h17:associatedPerson    |          | 0 ... 1 |    | Contact person at the employer, school or other affiliated (e.g., volunteer) organization.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) | CDA-CH V2 |
| └ h17:scopingOrganization |          | 1 ... 1 |    | The employer, school or other affiliated (e.g., volunteer) organization.<br>Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC)                | CDA-CH V2 |

|                        |              |  |         |   |  |           |
|------------------------|--------------|--|---------|---|--|-----------|
| Included               |              |  | 0 ... * |   | from 2.16.756.5.30.1.1.10.2.15 <i>Insurance - participant</i> (DYNAMIC)  |           |
| └ h17:participant      |              |  | 0 ... * |   | Information on a patient's insurance.  | CDA-CH V2 |
| └ @typeCode            | CS           |  | 1 ... 1 | F | COV  |           |
| └ h17:templateId       | II           |  | 1 ... 1 | M |  | CDA-CH V2 |
| └ @root                | uid          |  | 1 ... 1 | F | 2.16.756.5.30.1.1.10.2.15  |           |
| └ h17:time             | IVL_TS.CH.TZ |  | 0 ... 1 |   | Validity period of the 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 | PAYOR  |           |
| └ h17: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.  |           |
| └ h17:code             | CE           |  | 1 ... 1 | R | The underlying law for the contract.   | CDA-CH V2 |
| └ @nullFlavor          | CS           |  | 0 ... 1 | F | NAV  |           |
| └ @code                | CS           |  | 0 ... 1 |   | 832.10, 832.20, 221.229.1, 833.1, 831.20   |           |
| └ @codeSystem          | oid          |  | 0 ... 1 | F | 2.16.756.5.30.2.1.1.11   |           |

|                           |              |         |   |  |  |
|---------------------------|--------------|---------|---|--|--|
| └ @codeSystemName         | st           | 0 ... 1 | F | ins-laws   |  |
| └ @displayName            | st           | 0 ... 1 |   | Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MIIA), Federal Act on Invalidity Insurance (InvIA) |  |
|                           |              |         |   | 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.  |
| └ h17:associatedPerson    |              | 0 ... 1 |   | Contact person at the insurance company.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)   | CDA-CH V2  |
| └ h17:scopingOrganization |              | 1 ... 1 |   | The insurance company.<br>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  |
| Included                  |              | 0 ... * |   | from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)   |  |
| └ 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  |
| └ h17:low                 | TS.CH.TZ     | 1 ... 1 |   |  | CDA-CH V2  |
| └ @nullFlavor             | cs           | 1 ... 1 | F | NASK   |  |
| └ h17:high                | TS.CH.TZ     | 1 ... 1 | R | Expiration date of the insurance card.   | CDA-CH V2  |



|                           |      |         |   |  |             |
|---------------------------|------|---------|---|--|-------------|
| └ h17:associatedEntity    |      | 1 ... 1 | R |  | CDA-CH V2   |
| └ @classCode              | CS   | 1 ... 1 | F | POLHOLD  |             |
| └ h17:id                  | II   | 1 ... 1 | R | The insurance card's id.   | CDA-CH V2   |
| └ @root                   | uid  | 1 ... 1 | F | 2.16.756.5.30.1.123.100.1.1.1  |             |
| └ @extension              | st   | 1 ... 1 | R | Number of the insurance card.  |             |
| └ h17:associatedPerson    |      | 0 ... 1 |   | Family and given name on the insurance card.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) | CDA-CH V2   |
| └ h17:scopingOrganization |      | 0 ... 1 |   | The insurance company which issued the insurance card.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)   | CDA-CH V2   |
| Included                  |      | 0 ... * |   | from 2.16.756.5.30.1.1.10.2.49 <i>Invoice Recipient</i> (DYNAMIC)  |             |
| └ h17:participant         |      | 0 ... * |   | Information on a invoice recipient.  | (Eme...col) |
| └ @typeCode               | CS   | 1 ... 1 | F | IND  |             |
| └ h17:templateId          | II   | 1 ... 1 | M |  | (Eme...col) |
| └ @root                   | uid  | 1 ... 1 | F | 2.16.756.5.30.1.1.10.2.49  |             |
| └ h17:functionCode        | CE   | 0 ... 1 |   |  | (Eme...col) |
|                           | CONF |         |   | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.26 <i>IVR valueset role (.143.11.21)</i> (DYNAMIC)                           |             |
| └ h17:associatedEntity    | ANY  | 1 ... 1 | R |  | (Eme...col) |
| └ @classCode              | CS   | 1 ... 1 | F | GUAR   |             |

|                           |              |         |   |   |             |
|---------------------------|--------------|---------|---|---|-------------|
| └ h17:addr                | AD           | 1 ... 1 | R | Invoice to address<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)  | (Eme...col) |
| └ h17:associatedPerson    |              | 0 ... 1 |   | person to invoice<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)   | (Eme...col) |
| └ h17:scopingOrganization |              | 0 ... 1 |   | If invoice recipient is a company<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)   | (Eme...col) |
| Included                  |              | 0 ... * |   | from 2.16.756.5.30.1.1.10.2.43 <i>Patient Contact - participant</i> (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              | CS           | 1 ... 1 | R | The classCode attribute SHALL be present, and contains a value from the following set:<br>AGNT: agents of the patient<br>CAREGIVER: care givers<br>ECON: emergency contacts |             |


|                           |                   |                |          | NOK: next of kin<br>PRS: other relations  |           |
|---------------------------|-------------------|----------------|----------|---|-----------|
| └ h17:code                | <b>CE</b>         | <b>1 ... 1</b> | <b>R</b> | The contact's role.   | CDA-CH V2 |
| └ @nullFlavor             | cs                | <b>0 ... 1</b> |          |   |           |
| └ @code                   | cs                | <b>0 ... 1</b> |          |   |           |
| └ @codeSystem             | oid               | <b>0 ... 1</b> | F        | 2.16.840.1.113883.5.111   |           |
| └ @codeSystemName         | st                | <b>0 ... 1</b> | F        | HL7RoleCode   |           |
| └ @displayName            | st                | <b>0 ... 1</b> |          |   |           |
|                           |                   |                | 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.  |           |
| └ h17:addr                | <b>AD</b>         | <b>0 ... *</b> |          | The contact's address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)  | CDA-CH V2 |
| └ h17:telecom             | <b>TEL</b>        | <b>0 ... *</b> |          | The contact's means of communication (phone, eMail, ...).   | CDA-CH V2 |
| └ h17:associatedPerson    |                   | <b>0 ... 1</b> | <b>C</b> | The contact person.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)   | CDA-CH V2 |
| └ h17:scopingOrganization |                   | <b>0 ... 1</b> | <b>C</b> | The contact's organization.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)   | CDA-CH V2 |
|                           |                   |                | role     | error   |           |
|                           | Schematron assert |                | 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</i> (DYNAMIC)  |           |
| └ h17:inFulfillmentOf |     |  | <b>0 ... *</b> |          | 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  |  | <b>1 ... 1</b> | <b>M</b> |  | CDA-CH V2 |
| └ @root               | uid |  | <b>1 ... 1</b> | <b>F</b> | 2.16.756.5.30.1.1.10.2.16  |           |
| └ h17:order           |     |  | <b>1 ... 1</b> | <b>R</b> |  | CDA-CH V2 |
| └ h17:id              | II  |  | <b>1 ... *</b> | <b>R</b> | Order number.  | CDA-CH V2 |
| └ @root               | uid |  | <b>1 ... 1</b> | <b>R</b> | Either the same GUID (order id) or the same OID (order issuing system) as the order itself.  |           |
| └ @extension          | st  |  | <b>0 ... 1</b> |          | Contains the order ID itself. The ID MUST be unique within the system that issued the ID.  |           |
| <i>Included</i>       |     |  | <b>0 ... *</b> |          | from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)   |           |
| └ h17:documentationOf |     |  | <b>0 ... *</b> |          | Information about a health service describing the context of this CDA document.  | CDA-CH V2 |
| └ @typeCode           | CS  |  | <b>1 ... 1</b> | <b>F</b> | DOC  |           |
| └ h17:templateId      | II  |  | <b>1 ... 1</b> | <b>M</b> |  | CDA-CH V2 |
| └ @root               | uid |  | <b>1 ... 1</b> | <b>F</b> | 2.16.756.5.30.1.1.10.2.46  |           |
| └ h17:serviceEvent    |     |  | <b>1 ... 1</b> | <b>R</b> |  | CDA-CH V2 |
| └ @classCode          | CS  |  | <b>1 ... 1</b> | <b>F</b> | 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 |  |
| └ 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:effectiveTime | IVL_TS.CH.TZ | 1 ... 1 | R  |                | Duration of the health service. CDA-CH V2  |

|                    |          |         |   |   |           |
|--------------------|----------|---------|---|---|-----------|
| └ h17:low          | TS.CH.TZ | 1 ... 1 | R | Start of the health service.  | CDA-CH V2 |
| └ h17:high         | TS.CH.TZ | 1 ... 1 | R | End of the health service.  | CDA-CH V2 |
| Included           |          | 0 ... * |   | from 2.16.756.5.30.1.1.10.9.31 <i>Performer</i> (DYNAMIC)   |           |
| └ h17:performer    |          | 0 ... * |   | Information about a healthcare provider who was the primary performer of the act.   | CDA-CH V2 |
| └ @typeCode        | CS       | 1 ... 1 | F | PRF   |           |
| └ h17:templateId   | II       | 1 ... 1 | M |   | CDA-CH V2 |
| └ @root            | uid      | 1 ... 1 | F | 2.16.756.5.30.1.1.10.9.31   |           |
| └ h17:templateId   |          | 1 ... 1 | R |   | CDA-CH V2 |
| └ @root            | uid      | 1 ... 1 | F | 1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5  |           |
| └ h17:functionCode | CE       | 1 ... 1 | R | The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1.<br>If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role.<br>Translations to other vocabularies are allowed. | CDA-CH V2 |
| └ @code            | CS       | 1 ... 1 | R |   |           |
| └ @codeSystem      | oid      | 1 ... 1 | F | 2.16.840.1.113883.6.96  |           |
| └ @codeSystemName  | st       | 1 ... 1 | F | SNOMED CT   |           |
| └ @displayName     | st       | 1 ... 1 | R |   |           |
|                    | CONF     |         |   | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)  |           |

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

|  |                       |              |  |         |  |   |           |
|--|-----------------------|--------------|--|---------|--|---|-----------|
|  |                       |              |  | 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  |   |           |
|  |                       |              |  | test    | parent::*[text()=ancestor::hl7:structuredBody/*[@ID=\$idvalue]/text()]   |   |           |
|  |                       |              |  | Message | The originalText content MUST be identical to the narrative text for this reference.   |   |           |
|  | └ hl7:translation     |              |  | 0 ... * |  | A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)  | CDA-CH V2 |
|  | └ @code               | CS           |  | 1 ... 1 | R  |   |           |
|  | └ @codeSystem         | oid          |  | 1 ... 1 | R  |   |           |
|  | └ @codeSystemName     | st           |  | 1 ... 1 | R  |   |           |
|  | └ @displayName        | st           |  | 1 ... 1 | R  |   |           |
|  | └ hl7:time            | IVL_TS.CH.TZ |  | 0 ... 1 |  | Duration of the performance.  | CDA-CH V2 |
|  | └ hl7:low             | TS.CH.TZ     |  | 1 ... 1 | R  | Start of the performance.   | CDA-CH V2 |
|  | └ hl7:high            | TS.CH.TZ     |  | 1 ... 1 | R  | End of the performance.   | CDA-CH V2 |
|  | └ hl7:assignedEntity  |              |  | 1 ... 1 | R  | Contains 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC)   | CDA-CH V2 |
|  | Included              |              |  | 0 ... * |  | from 2.16.756.5.30.1.1.10.2.13 <i>Document Replacement - relatedDocument</i> (DYNAMIC)  |           |
|  | └ hl7:relatedDocument |              |  | 0 ... * |  | Relationship to another CDA-CH V2 based document that is replaced by the current one.<br><br><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 | CDA-CH V2 |



|                      |                   |         |    |   |           |
|----------------------|-------------------|---------|----|---|-----------|
|                      |                   |         |    | <p>the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid:</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  |           |
| └ 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.  |           |
|                      |                   | role    | ●  | error   |           |
|                      | Schematron assert | test    |    | (@root=/h17:ClinicalDocument/h17:id/@root) and not(@extension) and not(/h17:ClinicalDocument/h17:id/@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    | @value > /h17:ClinicalDocument/h17:versionNumber/@value                              |  |             |
|                     |                   | Message | ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document |  |             |
| Included            |                   | 0 ... * |  | from 2.16.840.1.113883.10.12.114 CDA Authorization (DYNAMIC) |             |
| └ h17:authorization |                   | 0 ... * |  |  | (Eme...col) |
| └ @typeCode         |                   | 0 ... 1 | F  | AUTH   |             |
| └ h17:consent       |                   | 1 ... 1 |  |  | (Eme...col) |
| └ @classCode        |                   | 0 ... 1 | F  | CONS   |             |
| └ @moodCode         |                   | 0 ... 1 | F  | EVN  |             |
| └ h17:id            | II                | 0 ... * |  |  | (Eme...col) |
| └ h17:code          | CE                | 0 ... 1 |  |  | (Eme...col) |
| └ @codeSystem       | CONF              | 0 ... 1 | F  | 2.16.840.1.113883.5.4 (Act Code)                             |             |
| └ h17:statusCode    | CS                | 1 ... 1 | R  |  | (Eme...col) |
| └ @code             | CONF              | 0 ... 1 | F  | completed  |             |
| Included            |                   | 0 ... 1 |  | from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)   |             |
| └ h17:componentOf   |                   | 0 ... 1 |  |  | (Eme...col) |
| └ @typeCode         |                   | 0 ... 1 | F  | COMP   |             |







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

|  |      |  |   |  |             |
|--|------|--|---|--|-------------|
| └ @typeCode  |      | 0 ... 1  | F | LOC  |             |
| └ h17:healthCareFacility   |      | 1 ... 1  |   |  | (Eme...col) |
| └ @classCode   |      | 0 ... 1  | F | SDLOC  |             |
| └ h17:id   | II   | 0 ... *  |   |  | (Eme...col) |
| └ h17:code   | CE   | 0 ... 1  |   |  | (Eme...col) |
|  | CONF | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocationRoleType</i> (DYNAMIC) |   |  |             |
| └ h17:location   |      | 0 ... 1  |   | Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)        | (Eme...col) |
| └ h17:serviceProvider<br>Organization  |      | 0 ... 1  |   | Contains 2.16.840.1.113883.10.12.151 <i>CDA Organization</i> (DYNAMIC) | (Eme...col) |
| └ h17:component  |      | 1 ... 1  | R |  | (Eme...col) |
| └ h17:structuredBody   |      | 1 ... 1  | R |  | (Eme...col) |
| └ h17:component  |      | 1 ... 1  | M | Contains 2.16.756.5.30.1.1.10.3.7 <i>Mission</i> (DYNAMIC)             | (Eme...col) |
| where [h17:section [h17:code [(@code='1100001' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |      |  |   |  |             |
| └ h17:component  |      | 1 ... 1  | M | Contains 2.16.756.5.30.1.1.10.3.8 <i>Patient</i> (DYNAMIC)             | (Eme...col) |
| where [h17:section [h17:code [(@code='1100002' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |      |  |   |  |             |
| └ h17:component  |      | 1 ... 1  | M | Contains 2.16.756.5.30.1.1.10.3.43 <i>Administrative</i> (DYNAMIC)     | (Eme...col) |
| where [h17:section [h17:code [(@code='1100003' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |      |  |   |  |             |
| └ h17:component  |      | 1 ... 1  | M | Contains 2.16.756.5.30.1.1.10.3.42 <i>Pretreatment</i> (DYNAMIC)       | (Eme...col) |

|  |               |  |         |   |  |             |
|--|---------------|--|---------|---|--|-------------|
| where [hl7:section [hl7:code [(@code='1100004' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.41 <i>Anamnesis</i> (DYNAMIC)              | (Eme...col) |
| where [hl7:section [hl7:code [(@code='1100005' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.14 <i>Findings</i> (DYNAMIC)               | (Eme...col) |
| where [hl7:section [hl7:code [(@code='1100006' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.16 <i>Diagnosis</i> (DYNAMIC)              | (Eme...col) |
| where [hl7:section [hl7:code [(@code='1100007' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.17 <i>Procedures</i> (DYNAMIC)             | (Eme...col) |
| where [hl7:section [hl7:code [(@code='1100008' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.18 <i>EventOfDeath</i> (DYNAMIC)           | (Eme...col) |
| where [hl7:section [hl7:code [(@code='1100009' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.19 <i>Transport</i> (DYNAMIC)              | (Eme...col) |
| where [hl7:section [hl7:code [(@code='1100010' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.15 <i>Handover</i> (DYNAMIC)               | (Eme...col) |
| where [hl7:section [hl7:code [(@code='1100011' and @codeSystem='2.16.756.5.30.1.143.5.1')]]] |               |  |         |   |  |             |
| └  | hl7:component |  | 1 ... 1 | M | Contains 2.16.756.5.30.1.1.10.3.2 <i>Remarks Section - coded</i> (DYNAMIC) | (Eme...col) |
| where [not(@nullFlavor)]   |               |  |         |   |  |             |

## 7.4.2 CDA Header Level Templates

### 7.4.2.1 Document Code RESP

|                          |   |  |   |                    |              |
|--------------------------|---|--|---|--------------------|--------------|
| <b>Id</b>                | 2.16.756.5.30.1.1.10.2.45   | <b>Effective Date</b>  | 2017-09-14 12:29:20   |                    |              |
| <b>Status</b>            |  Under pre-publication review  | <b>Version Label</b>   | 2017  |                    |              |
| <b>Name</b>              | DocumentCodeRESP  | <b>Display Name</b>  | Document Code RESP  |                    |              |
| <b>Description</b>       | The document code MUST be specified using LOINC and a translation to the Swiss EPR XDS.b metadata SHALL be specified.   |  |   |                    |              |
| <b>Classification</b>    | CDA Header Level Template   |  |   |                    |              |
| <b>Open/Closed</b>       | Open (other than defined elements are allowed)  |  |   |                    |              |
| <b>Used by / Uses</b>    | Used by 0 transactions and 3 templates, Uses 0 templates  |  |   |                    |              |
|                          | <b>Used by</b>  | <b>as</b>  | <b>Name</b>   |                    |              |
|                          | 2.16.756.5.30.1.1.10.9.40   | Include  |  RESP Header Template Compilation (2017) |                    |              |
|                          | 2.16.756.5.30.1.1.10.1.2  |   |  EmergencyMedicalServiceProtocol (2017)  |                    |              |
| 2.16.756.5.30.1.1.10.1.2 |    |  EmergencyMedicalServiceProtocol (2017) |   |                    |              |
| <b>Relationship</b>      | Specialization: template 2.16.756.5.30.1.1.10.2.44 (2017-09-14 11:36:18)  |  |   |                    |              |
| <b>Example</b>           | <p>CDA-CH-RESP</p> <pre>&lt;code code="67796-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="EMS Patient Care Report"&gt;   &lt;!-- Mapping to the Swiss EPR XDS.b metadata --&gt;   &lt;translation code="371535009" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Transfer summary report"/&gt; &lt;/code&gt;</pre> |  |   |                    |              |
| <b>Item</b>              | <b>DT</b>   | <b>Card</b>  | <b>Conf</b>   | <b>Description</b> | <b>Label</b> |

|                   |     |         |   |   |             |
|-------------------|-----|---------|---|---|-------------|
| h17:code          | CE  | 1 ... 1 | R | The LOINC code for this document is 67796-3                       | (Doc...ESP) |
| └ @code           | st  | 1 ... 1 | F | 67796-3   |             |
| └ @codeSystem     | oid | 1 ... 1 | F | 2.16.840.1.113883.6.1   |             |
| └ @codeSystemName | st  | 1 ... 1 | F | LOINC   |             |
| └ @displayName    | st  | 1 ... 1 | F | EMS Patient Care Report   |             |
| └ h17:translation | CD  | 1 ... 1 | R | A translation to the Swiss EPR XDS.b metadata SHALL be specified. | (Doc...ESP) |
| └ @code           | st  | 1 ... 1 | F | 371535009   |             |
| └ @codeSystem     | oid | 1 ... 1 | F | 2.16.840.1.113883.6.96  |             |
| └ @codeSystemName | st  | 1 ... 1 | F | SNOMED CT   |             |
| └ @displayName    | st  | 1 ... 1 | F | Transfer summary report   |             |

### 7.4.2.2 Documentation Of Service Event

|                       |   |                       |                                |
|-----------------------|---|-----------------------|--------------------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.2.30                               | <b>Effective Date</b> | 2017-06-12 14:18:48            |
| <b>Status</b>         | ● Draft   | <b>Version Label</b>  | 2017                           |
| <b>Name</b>           | DocumentationOfServiceEvent                             | <b>Display Name</b>   | Documentation Of Service Event |
| <b>Classification</b> | CDA Header Level Template                               |                       |                                |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)          |                       |                                |
| <b>Used by / Uses</b> | Used by 0 transactions and 0 templates, Uses 1 template |                       |                                |

| Uses                      | as          | Name   | Version |
|---------------------------|-------------|--|---------|
| 2.16.756.5.30.1.1.10.9.32 | Containment | Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017) | DYNAMIC |

## Relationship

Specialization: template 2.16.756.5.30.1.1.10.2.46 (DYNAMIC)

## Example

## Example

```

<documentationOf typeCode="DOC">
  <templateId root="2.16.756.5.30.1.1.10.2.46"/>
  <serviceEvent classCode="ACT" moodCode="EVN">
    <!-- cdachresp-dataelement-55 Einsatznummer -->
    <!-- Extension: Einsatznummer SNZ root: OID vom SNZ -->
    <id root="2.16.756.5.30.1.999999999.1" extension="S12345678"/>
    <effectiveTime>
      <!-- cdachresp-dataelement-54: Einsatzdatum -->
      <low value="20161210"/>
      <high nullFlavor="NA"/>
    </effectiveTime>
    <!-- cdachresp-dataelement-102 Team -->
    <performer typeCode="PRF">
      <templateId root="2.16.756.5.30.1.1.10.9.31"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
      <functionCode displayName="Andere Gesundheitsfachperson" code="223366009" codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96">
        <translation code="133932002" displayName="Betreuer" codeSystem="2.16.840.1.113883.6.96" codeSystemName="IVR Codesystem RESP"/>
      </functionCode>
      <assignedEntity>
        <!-- cdachresp-dataelement-281 -->
        <id extension="7601003330434" root="2.51.1.3"/>
        <addr>
          <streetAddressLine>Bahnhofquai 3, Amtshaus I</streetAddressLine>
          <postalCode>8001</postalCode>
          <city>Zürich</city>
          <country>CH</country>
        </addr>
        <telecom nullFlavor="NA"/>
        <assignedPerson>
          <name>
            <given>Petra</given>
            <family>Muster</family>
          </name>
        </assignedPerson>
      </assignedEntity>
    </performer>
  </serviceEvent>
  <representedOrganization>
    <id extension="7601003330434" root="2.51.1.3"/>
    <name>
      <given>Petra</given>
      <family>Muster</family>
    </name>
  </representedOrganization>
</documentationOf>

```



```

<id root="2.51.1.3" extension="7601002156363"/>
<name>Rettungsdienst Schutz & Rettung Zürich</name>
<telecom nullFlavor="NA"/>
<addr>
  <streetAddressLine>Bahnhofquai 3, Amtshaus I</streetAddressLine>
  <postalCode>8001</postalCode>
  <city>Zürich</city>
  <country>CH</country>
</addr>
</representedOrganization>
</assignedEntity>
</performer>
<performer typeCode="PRF">
  <templateId root="2.16.756.5.30.1.1.10.9.31"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
  <functionCode displayName="Andere Gesundheitsfachperson" code="223366009" codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96">
    <translation code="133932002" displayName="Betreuer" codeSystem="2.16.840.1.113883.6.96" codeSystemName="IVR Codesystem
RESP"/>
  </functionCode>
</assignedEntity>
<!-- cdachresp-dataelement-281 -->
<id extension="7601000211804" root="2.51.1.3"/>
<addr>
  <streetAddressLine>Bahnhofquai 3, Amtshaus I</streetAddressLine>
  <postalCode>8001</postalCode>
  <city>Zürich</city>
  <country>CH</country>
</addr>
<telecom nullFlavor="NA"/>
<assignedPerson>
  <name>
    <given>Hans</given>
    <family>Beispiel</family>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7601002156363"/>
  <name>Rettungsdienst Schutz & Rettung Zürich</name>
  <telecom nullFlavor="NA"/>
  <addr>
    <streetAddressLine>Bahnhofquai 3, Amtshaus I</streetAddressLine>
    <postalCode>8001</postalCode>
    <city>Zürich</city>
    <country>CH</country>
  </addr>
</representedOrganization>
</assignedEntity>
</performer>
<performer typeCode="PRF">
  <templateId root="2.16.756.5.30.1.1.10.9.31"/>

```

```

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
<functionCode displayName="Arzt" code="309343006" codeSystemName="SNOMED CT" codeSystem="2.16.840.1.113883.6.96">
  <translation code="309343006" displayName="Notärztin / Notarzt" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT"/>
</functionCode>
<assignedEntity>
  <!-- cdachresp-dataelement-281 -->
  <id extension="7601000028105" root="2.51.1.3"/>
  <addr>
    <streetAddressLine>Bahnhofquai 3, Amtshaus I</streetAddressLine>
    <postalCode>8001</postalCode>
    <city>Zürich</city>
    <country>CH</country>
  </addr>
  <telecom nullFlavor="NA"/>
  <assignedPerson>
    <name>
      <given>Notarzt</given>
      <family>Hans</family>
    </name>
  </assignedPerson>
  <representedOrganization>
    <id root="2.51.1.3" extension="7601002156363"/>
    <name>Rettungsdienst Schutz & Rettung Zürich</name>
    <telecom nullFlavor="NA"/>
    <addr>
      <streetAddressLine>Bahnhofquai 3, Amtshaus I</streetAddressLine>
      <postalCode>8001</postalCode>
      <city>Zürich</city>
      <country>CH</country>
    </addr>
  </representedOrganization>
</assignedEntity>
</performer>
</serviceEvent>
</documentationOf>

```

| Item                | DT | Card    | Conf | Description   | Label       |
|---------------------|----|---------|------|---|-------------|
| h17:documentationOf |    | 1 ... 1 | M    | Information about a health service describing the context of this CDA document. | (Doc...ent) |
| └ @typeCode         | CS | 1 ... 1 | F    | DOC   |             |

|                     |              |         |   |   |             |
|---------------------|--------------|---------|---|---|-------------|
| └ h17:templateId    | II           | 1 ... 1 | M |   | (Doc...ent) |
| └ @root             | uid          | 1 ... 1 | F | 2.16.756.5.30.1.1.10.2.46   |             |
| └ h17:templateId    | II           | 1 ... 1 | M |   | (Doc...ent) |
| └ @root             | uid          | 1 ... 1 | F | 2.16.756.5.30.1.1.10.2.30   |             |
| └ h17:serviceEvent  |              | 1 ... 1 | R |   | (Doc...ent) |
| └ @classCode        | CS           | 1 ... 1 | F | ACT   |             |
| └ @moodCode         | CS           | 1 ... 1 | F | EVN   |             |
| └ h17:id            | II           | 1 ... 1 | M | mission number IMC in extension, oid of organization (IMC) in root                | (Doc...ent) |
| └ @root             | oid          | 1 ... 1 | R |   |             |
| └ @extension        | CS           | 1 ... 1 | R |   |             |
| └ h17:effectiveTime | IVL_TS.CH.TZ | 1 ... 1 | R | Duration of the health service.   | (Doc...ent) |
| └ h17:low           | TS.CH.TZ     | 1 ... 1 | R | Start of the health service.  | (Doc...ent) |
| └ h17:high          | TS.CH.TZ     | 1 ... 1 | R | End of the health service.  | (Doc...ent) |
| └ h17:performer     |              | 0 ... * |   | Information about a healthcare provider who was the primary performer of the act. | (Doc...ent) |
| └ @typeCode         | CS           | 1 ... 1 | F | PRF   |             |
| └ h17:templateId    | II           | 1 ... 1 | M |   | (Doc...ent) |
| └ @root             | uid          | 1 ... 1 | F | 2.16.756.5.30.1.1.10.9.31   |             |
| └ h17:templateId    |              | 1 ... 1 | R |   | (Doc...ent) |

|                    |                   |  |   |  |             |
|--------------------|-------------------|--|---|--|-------------|
| └ @root            | uid               | 1 ... 1  | F   | 1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5   |             |
| └ h17:functionCode | CE                | 1 ... 1  | R   | The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1.<br>If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed. | (Doc...ent) |
| └ @displayName     | st                | 1 ... 1  | R   |  |             |
| └ @code            | cs                | 1 ... 1  | R   |  |             |
| └ @codeSystemName  | st                | 1 ... 1  | F   | SNOMED CT  |             |
| └ @codeSystem      | oid               | 1 ... 1  | F   | 2.16.840.1.113883.6.96   |             |
|                    | CONF              | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)   |   |  |             |
|                    | Example           | <pre>&lt;functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/&gt;</pre>  |   |  |             |
|                    | Example           | <pre>&lt;functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"&gt;   &lt;originalText&gt;Home helper&lt;/originalText&gt; &lt;/functionCode&gt;</pre>   |   |  |             |
|                    | Example           | <pre>&lt;functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"&gt;   &lt;originalText&gt;Laboratory technician&lt;/originalText&gt;   &lt;translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/&gt; &lt;/functionCode&gt;</pre> |   |  |             |
|                    | Schematron assert | role   |  | error  |             |
|                    |                   | test   | not(@code='133932002') or (originalText/text())                                       |  |             |
|                    |                   | Message  | Other Caregivers description MUST be declared in the originalText element.            |  |             |
| └ h17:originalText | ED                | 0 ... 1  | C   | Other Caregivers description MUST be declared in the originalText element.   | (Doc...ent) |

|                      |              |         |   |   |             |
|----------------------|--------------|---------|---|---|-------------|
| └ h17:translation    |              | 0 ... * |   | A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)  | (Doc...ent) |
| └ @displayName       | st           | 1 ... 1 | R |   |             |
| └ @code              | cs           | 1 ... 1 | R |   |             |
| └ @codeSystemName    | st           | 1 ... 1 | R |   |             |
| └ @codeSystem        | oid          | 1 ... 1 | R |   |             |
| └ h17:time           | IVL_TS.CH.TZ | 0 ... 1 |   | Duration of the performance.  | (Doc...ent) |
| └ h17:low            | TS.CH.TZ     | 1 ... 1 | R | Start of the performance.   | (Doc...ent) |
| └ h17:high           | TS.CH.TZ     | 1 ... 1 | R | End of the performance.   | (Doc...ent) |
| └ h17:assignedEntity |              | 1 ... 1 | 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) | (Doc...ent) |

### 7.4.2.3 Informant

|                       |   |                       |                     |
|-----------------------|---|-----------------------|---------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.2.29                               | <b>Effective Date</b> | 2017-06-12 13:32:55 |
| <b>Status</b>         | ● Draft   | <b>Version Label</b>  | 2017                |
| <b>Name</b>           | Informant   | <b>Display Name</b>   | Informant           |
| <b>Description</b>    | Informant (IMC)   |                       |                     |
| <b>Classification</b> | CDA Header Level Template                               |                       |                     |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)          |                       |                     |
| <b>Used by / Uses</b> | Used by 0 transactions and 1 template, Uses 0 templates |                       |                     |

| Used by                  | as      | Name                                   | Version             |
|--------------------------|---------|--|---------------------|
| 2.16.756.5.30.1.1.10.1.2 | Include | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |

## Relationship

Specialization: template 2.16.840.1.113883.10.12.154 (2005-09-07)

## Example

## GLN IMC










```

<informant>
  <assignedEntity>
    <!-- cdachresp-dataelement-60 anbietende Organisation -->
    <id root="2.51.1.3" extension="7601002156370"/>
  </assignedEntity>
</informant>

```

| Item                  | DT  | Card    | Conf | Description                         | Label       |
|-----------------------|-----|---------|------|-------------------------------------|-------------|
| hl7:informant         |     | 1 ... 1 | M    |                                     | (Inf...ant) |
| └ @typeCode           | CS  | 0 ... 1 | F    | INF                                 |             |
| └ @contextControlCode | CS  | 0 ... 1 | F    | OP                                  |             |
| └ hl7:assignedEntity  |     | 1 ... 1 | M    |                                     | (Inf...ant) |
| └ @classCode          | CS  | 0 ... 1 | F    | ASSIGNED                            |             |
| └ hl7:id              | II  | 1 ... 1 | M    | GLN of informant organisation (IMC) | (Inf...ant) |
| └ @root               | oid | 1 ... 1 | F    | 2.51.1.3                            |             |
| └ @extension          | CS  | 1 ... 1 | R    |                                     |             |

## 7.4.2.4 Invoice Recipient

|                           |  |   |   |
|---------------------------|--|---|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.2.49  | <b>Effective Date</b>   | 2017-09-12 20:30:11   |
| <b>Status</b>             |  Under pre-publication review   | <b>Version Label</b>  | 2017  |
| <b>Name</b>               | ParticipantInvoiceRecipient  | <b>Display Name</b>   | Invoice Recipient   |
| <b>Description</b>        | Invoice recipient  |   |   |
| <b>Context</b>            | Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.49   |   |   |
| <b>Classification</b>     | CDA Header Level Template  |   |   |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)   |   |   |
| <b>Used by / Uses</b>     | Used by 0 transactions and 3 templates, Uses 3 templates   |   |   |
|                           | <b>Used by</b>   | <b>as</b>   | <b>Name</b>   |
|                           | 2.16.756.5.30.1.1.10.9.40  | Include   |  RESP Header Template Compilation (2017)           |
|                           | 2.16.756.5.30.1.1.10.1.2   |    |  EmergencyMedicalServiceProtocol (2017)            |
|                           | 2.16.756.5.30.1.1.10.1.2   |    |  EmergencyMedicalServiceProtocol (2017)            |
|                           | <b>Uses</b>  | <b>as</b>   | <b>Name</b>   |
|                           | 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) |   |
| 2.16.756.5.30.1.1.10.9.24 | Containment  |  Organization Compilation with name (2017)             |   |
| <b>Relationship</b>       | Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)  |   |   |
| <b>Example</b>            | <p><b>Example</b></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="WIFE" codeSystem="2.16.840.1.113883.5.111" codeSystemName="HL7RoleCode" displayName="wife"/&gt;   &lt;/associatedEntity&gt; &lt;/participant&gt;</pre> |   |   |

```


<name>
  <family>Muster</family>
  <given>Erika</given>
</name>
</associatedPerson>
</associatedEntity>
</participant>

```





| Item                      | DT   | Card  | Conf | Description   | Label       |
|---------------------------|------|---|------|---|-------------|
| h17:participant           |      | 0 ... *   |      | Information on a invoice recipient.   | (Par...ent) |
| └ @typeCode               | CS   | 1 ... 1   | F    | IND   |             |
| └ h17:templateId          | II   | 1 ... 1   | M    |   | (Par...ent) |
| └ @root                   | uid  | 1 ... 1   | F    | 2.16.756.5.30.1.1.10.2.49   |             |
| └ h17:functionCode        | CE   | 0 ... 1   |      |   | (Par...ent) |
|                           | CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.26 IVR valueset role (.143.11.21) (DYNAMIC) |      |   |             |
| └ h17:associatedEntity    | ANY  | 1 ... 1   | R    |   | (Par...ent) |
| └ @classCode              | CS   | 1 ... 1   | F    | GUAR  |             |
| └ h17:addr                | AD   | 1 ... 1   | R    | Invoice to address<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)        | (Par...ent) |
| └ h17:associatedPerson    |      | 0 ... 1   |      | person to invoice<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)     | (Par...ent) |
| └ h17:scopingOrganization |      | 0 ... 1   |      | If invoice recipient is a company<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC) | (Par...ent) |



## 7.4.2.5 Patient - recordTarget

|                       |   |                       |                        |
|-----------------------|---|-----------------------|------------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.2.48   | <b>Effective Date</b> | 2017-11-22 16:58:26    |
| <b>Status</b>         |  Draft | <b>Version Label</b>  | 2017                   |
| <b>Name</b>           | cdachresp_header_Patient  | <b>Display Name</b>   | Patient - recordTarget |
| <b>Description</b>    | A human patient for whom this CDA document instance was created.                        |                       |                        |
| <b>Classification</b> | CDA Header Level Template   |                       |                        |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)  |                       |                        |

Used by 0 transactions and 0 templates, Uses 4 templates

| Uses                      | as          | Name  | Version |
|---------------------------|-------------|---|---------|
| 2.16.756.5.30.1.1.10.9.29 | Include     |  PLS-ID (2017)   | DYNAMIC |
| 2.16.756.5.30.1.1.10.9.35 | Containment |  Address Information Compilation - eCH-0010 (2017)     | DYNAMIC |
| 2.16.756.5.30.1.1.10.9.34 | Containment |  Person Name Information Compilation - eCH-0011 (2017) | DYNAMIC |
| 2.16.756.5.30.1.1.10.9.30 | Containment |  Organization Compilation with GLN and name (2017)     | DYNAMIC |

**Relationship**  
 Adaptation: template 2.16.756.5.30.1.1.10.2.1 (2017-09-05 15:18:06)  
 Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07)

|                |   |
|----------------|---|
| <b>Example</b> | <b>Sample patient</b>   |
|                | <pre> &lt;recordTarget&gt;   &lt;patientRole&gt;     &lt;!-- cdachresp-dataelement-135 navs13 --&gt;     &lt;id root="2.16.756.5.32" extension="7560123123499"/&gt;     &lt;!-- OID SRZ, here dummy --&gt;     &lt;id root="2.16.756.5.30.1.9999999999.2" extension="762354"/&gt;     &lt;addr use="HP"&gt;       &lt;streetName&gt;Bahnhofstrasse&lt;/streetName&gt;       &lt;houseNumber&gt;1&lt;/houseNumber&gt;       &lt;city&gt;Zürich&lt;/city&gt;       &lt;postalCode&gt;8003&lt;/postalCode&gt;       &lt;country&gt;CH&lt;/country&gt;     &lt;/addr&gt; </pre> |

```

<patient>
  <name>
    <!-- cdachresp-dataelement-8 -->
    <family>Muster</family>
    <!-- cdachresp-dataelement-9 -->
    <given>Peter</given>
  </name>
  <!-- cdachresp-dataelement-11 -->
  <administrativeGenderCode code="M" codeSystem="2.16.840.1.113883.5.1" displayName="Male" codeSystemName="HL7 AdministrativeGender"/>
  <!-- cdachresp-dataelement-10 -->
  <birthTime value="19611001"/>
</patient>
</patientRole>
</recordTarget>

```

Example


#### Sample patient with PLS-ID


```

<recordTarget>
  <patientRole>
    <id extension="MU43221" root="2.16.756.5.30.1.143.20"/>
    <patient>
      <name>
        <!-- cdachresp-dataelement-8 -->
        <family nullFlavor="UNK"/>
        <!-- cdachresp-dataelement-9 -->
        <given nullFlavor="UNK"/>
      </name>
      <!-- cdachresp-dataelement-11 -->
      <administrativeGenderCode code="M" codeSystem="2.16.840.1.113883.5.1" displayName="Male" codeSystemName="HL7 AdministrativeGender"/>
      <!-- cdachresp-dataelement-10 -->
      <birthTime nullFlavor="UNK"/>
    </patient>
  </patientRole>
</recordTarget>


```

| Item             | DT | Card    | Conf | Description  | Label       |
|------------------|----|---------|------|--|-------------|
| hl7:recordTarget |    | 1 ... 1 | R    | A human patient for whom this CDA document instance was created. | (cda...ent) |

|   |  |         |   |  |             |
|---|--|---------|---|--|-------------|
|   |  |         |   | <ul style="list-style-type: none"> <li>▪ <b>Target patient</b><br/>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.<br/>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><br/>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.<br/>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.<br/>The declared OID MUST be found in one of the public OID registries, such as <a href="http://oid.refdata.ch">oid.refdata.ch</a> (preferred), <a href="http://oid-info.com">oid-info.com</a>, <a href="http://hl7.org/oid">hl7.org/oid</a>, <a href="http://www.dimdi.de/static/de/klassi/oid/">www.dimdi.de/static/de/klassi/oid/</a>, <a href="http://gesundheit.gv.at/OID_Frontend/">gesundheit.gv.at/OID_Frontend/</a> etc.<br/>OIDs that can't be found in a public OID registry are NOT ALLOWED.</li> <li>▪ <b>Pseudonymizing</b><br/>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> |             |
|  hl7:patientRole |  | 1 ... 1 | R |  | (cda...ent) |
| Choice  |  | 1 ... * |   | Elements to choose from:   |             |

|  |     |  |         |   |   |             |
|--|-----|--|---------|---|---|-------------|
|  |     |  |         | <ul style="list-style-type: none"> <li>▪ hl7:id included from template 2.16.756.5.30.1.1.10.9.29 <i>PLS-ID</i> (DYNAMIC)</li> <li>▪ hl7:id</li> </ul> |   |             |
| Included   |     |  | 0 ... 1 | from 2.16.756.5.30.1.1.10.9.29 <i>PLS-ID</i> (DYNAMIC)  |   |             |
| └ hl7:id   | II  |  | 0 ... 1 | M   |  <b>Warning: If isMandatory=true, minimumMultiplicity shall be greater than 0.</b> | (cda...ent) |
| └ @root  |     |  | 1 ... 1 | F   | 2.16.756.5.30.1.143.20  |             |
| └ @extension   |     |  | 1 ... 1 | R   |   |             |
| └ hl7:id   | II  |  | 1 ... * | R   | The patient's id.   | (cda...ent) |
| └ @extension   | st  |  | 1 ... 1 | R   | The id itself. It MUST be unique within the issuing system.   |             |
| └ @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.                    |             |
| └ hl7:addr   | AD  |  | 0 ... * |   | The patient's address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)  | (cda...ent) |
| └ hl7:telecom  | TEL |  | 0 ... * |   | The patient's means of communication (phone, eMail, ...).   | (cda...ent) |
| └ hl7:patient  |     |  | 1 ... 1 | R   | Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)  | (cda...ent) |
| where [hl7:administrativeGenderCode [concat(@code,@codeSystem)=doc('include/voc-2.16.756.5.30.1.127.3.10.1.25-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code,@codeSystem) or @nullFlavor]] |     |  |         |   |   |             |
| └ hl7:administrativeGenderCode   | CE  |  | 1 ... 1 | R   | The patient's gender according to the Swiss EPR XDS.b metadata.   | (cda...ent) |
| └ @displayName   | st  |  | 1 ... 1 | R   |   |             |
| └ @code  | cs  |  | 1 ... 1 | R   |   |             |
| └ @codeSystemName  | st  |  | 1 ... 1 | F   | HL7 AdministrativeGender  |             |

|                                |          |  |   |                              |  |
|--------------------------------|----------|--|---|------------------------------|--|
| └ @codeSystem                  | oid      | 1 ... 1  | F | 2.16.840.1.113883.5.1        |  |
|                                | CONF     | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 <i>EprGender</i> (DYNAMIC)    |   |                              |  |
| └ hl7:birthTime                | TS.CH.TZ | 1 ... 1  |   |                              | The patient's birthdate. (cda...ent)                           |
| └ hl7:maritalStatusCode        | CE       | 0 ... 1  |   |                              | The patient's marital status. (cda...ent)                      |
| └ @displayName                 | st       | 1 ... 1  | R |                              |  |
| └ @code                        | cs       | 1 ... 1  | R |                              |  |
| └ @codeSystemName              | st       | 1 ... 1  | F | HL7 MaritalStatus            |  |
| └ @codeSystem                  | oid      | 1 ... 1  | F | 2.16.840.1.113883.1.11.12212 |  |
|                                | CONF     | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC) |   |                              |  |
| └ hl7:translation              |          | 0 ... *  |   |                              | A translation of the code to another coding system (cda...ent) |
| └ @displayName                 | st       | 1 ... 1  | R |                              |  |
| └ @code                        | cs       | 1 ... 1  | R |                              |  |
| └ @codeSystemName              | st       | 1 ... 1  | R |                              |  |
| └ @codeSystem                  | oid      | 1 ... 1  | R |                              |  |
| └ hl7:religiousAffiliationCode | CE       | 0 ... 1  |   |                              | The patient's religion. (cda...ent)                            |
| └ @nullFlavor                  | cs       | 0 ... 1  | F | NAV                          |  |
| └ @displayName                 | st       | 0 ... 1  |   |                              |  |

|                             |                   |         |   |   |             |
|-----------------------------|-------------------|---------|---|---|-------------|
| └ @code                     | CS                | 0 ... 1 |   |   |             |
| └ @codeSystemName           | st                | 0 ... 1 |   |   |             |
| └ @codeSystem               | oid               | 0 ... 1 |   |   |             |
| └ h17:originalText          | ED                | 0 ... 1 | C   | The patient's religion as plain text.   | (cda...ent) |
|                             | 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:birthplace            |                   | 0 ... 1 |   | The patient's birthplace.   | (cda...ent) |
| └ h17:place                 |                   | 1 ... 1 |   |   | (cda...ent) |
| └ h17:name                  | EN                | 0 ... 1 |   | The patient's birthplace name.  | (cda...ent) |
| └ h17:addr                  | AD                | 1 ... 1 | R   | The patient's birthplace address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC) | (cda...ent) |
| └ h17:languageCommunication |                   | 0 ... * | R   | The patient's language skills.  | (cda...ent) |
| └ h17:languageCode          | CS                | 1 ... 1 |   |   | (cda...ent) |
|                             | 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...ent) |
|                             | 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...ent) |
|                            | 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...ent) |
| └ 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...ent) |

### 7.4.3 CDA Section Level Templates

#### 7.4.3.1 Administrative

|                       |  |                       |  |
|-----------------------|--|-----------------------|--|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.3.43  | <b>Effective Date</b> | 2017-11-28 18:34:22                      |
| <b>Status</b>         | ● Under pre-publication review                                     | <b>Version Label</b>  | 2017                                     |
| <b>Name</b>           | AdministrativeSection  | <b>Display Name</b>   | Administrative                           |
| <b>Description</b>    | Administrative Section   |                       |  |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.43 |                       |  |
| <b>Classification</b> | CDA Section Level Template   |                       |  |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)                     |                       |  |
| <b>Used by / Uses</b> | Used by 0 transactions and 2 templates, Uses 0 templates           |                       |  |
|                       | <b>Used by</b>   | <b>as</b>             | <b>Name</b>                              |
|                       | 2.16.756.5.30.1.1.10.1.2   | Containment           | ● EmergencyMedicalServiceProtocol (2017) |
|                       |  |                       | <b>Version</b>                           |
|                       |  |                       | 2017-06-13 17:19:29                      |

2.16.756.5.30.1.1.10.1.2 

 EmergencyMedicalServiceProtocol (2017)

2017-05-31 17:19:29

 Circular reference found with cdachresp-template-document-2, please check

**Relationship**

Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)

**Example**

**Example**


```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.43"/>
  <code code="1100003" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Administrativ" codeSystemName="IVR Codesystem RESP"/>
  <title> Adminsitrativ </title>
  <text>
    <table>
      <tbody>
        <tr>
          <th>Person/Organsiation</th>
        </tr>
        <tr>
          <td>Ehefrau</td>
          <td>Erika Muster</td>
        </tr>
      </tbody>
    </table>
  </text>
</section>
```

| Item             | DT | Card    | Conf | Description | Label       |
|------------------|----|---------|------|-------------|-------------|
| h17:section      |    |         |      |             | (Adm...ion) |
| └ @classCode     | CS | 0 ... 1 | F    | DOCSECT     |             |
| └ @moodCode      | CS | 0 ... 1 | F    | EVN         |             |
| └ h17:templateId | II | 1 ... 1 | M    |             | (Adm...ion) |



|                   |         |           |                                      |  |
|-------------------|---------|-----------|--------------------------------------|--|
| └ @root           | uid     | 1 ... 1 F | 2.16.756.5.30.1.1.10.3.43            |  |
| └ h17:code        | CE      | 1 ... 1 M |                                      | (Adm...ion)  |
| └ @code           | CONF    | 1 ... 1 F | 1100003                              |  |
| └ @codeSystem     |         | 1 ... 1 F | 2.16.756.5.30.1.143.5.1              |  |
| └ @codeSystemName |         | 1 ... 1 F | IVR Codesystem RESP                  |  |
| └ @displayName    |         | 1 ... 1 F | Administrativ                        |  |
| └ h17:title       |         | ST        | 1 ... 1 M                            | <p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>[ge]: 'Adminstrativ'</li> <li>[fr]: 'TODO'</li> <li>[it]: 'TODO'</li> <li>[en]: 'TODO'</li> </ul> <p>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" test="not(\$languageCode='de') or (text()='Adminsistrativ')"&gt;The German title must read 'Patient'&lt;/assert&gt;</p> |
| └ h17:text        | SD.TEXT | 1 ... 1 M | Human readable text of this section. | (Adm...ion)  |

### 7.4.3.2 Anamnesis

|                       |  |                       |                     |
|-----------------------|--|-----------------------|---------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.3.41  | <b>Effective Date</b> | 2017-06-12 17:15:34 |
| <b>Status</b>         |  Under pre-publication review | <b>Version Label</b>  | 2017                |
| <b>Name</b>           | AnamnesisSection   | <b>Display Name</b>   | Anamnesis           |
| <b>Description</b>    | Anamnesis Section  |                       |                     |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.41   |                       |                     |
| <b>Classification</b> | CDA Section Level Template   |                       |                     |

| <b>Open/Closed</b>  | Open (other than defined elements are allowed)  |  |                     |         |                           |                          |                        |  |                           |                          |                          |  |                     |
|---|---|--|---------------------|---------|---------------------------|--------------------------|------------------------|--|---------------------------|--------------------------|--------------------------|--|---------------------|
| <b>Used by / Uses</b>   | Used by 0 transactions and 2 templates, Uses 2 templates  |  |                     |         |                           |                          |                        |  |                           |                          |                          |  |                     |
|   | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td>Containment</td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> <p> Circular reference found with cdachresp-template-document-2, please check</p>   | Used by                                | as                  | Name    | Version                   | 2.16.756.5.30.1.1.10.1.2 | Containment            | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29       | 2.16.756.5.30.1.1.10.1.2 |                          | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
|   | Used by   | as                                     | Name                | Version |                           |                          |                        |  |                           |                          |                          |  |                     |
| 2.16.756.5.30.1.1.10.1.2  | Containment   | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |         |                           |                          |                        |  |                           |                          |                          |  |                     |
| 2.16.756.5.30.1.1.10.1.2  |   | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |         |                           |                          |                        |  |                           |                          |                          |  |                     |
| <table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.4.62</td> <td>Containment</td> <td> Anamnesis Event (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.4.63</td> <td>Containment</td> <td> Anamnesis Symptom (2017)</td> <td>DYNAMIC</td> </tr> </tbody> </table> | Uses  | as                                     | Name                | Version | 2.16.756.5.30.1.1.10.4.62 | Containment              | Anamnesis Event (2017) | DYNAMIC                                | 2.16.756.5.30.1.1.10.4.63 | Containment              | Anamnesis Symptom (2017) | DYNAMIC                                |                     |
| Uses  | as  | Name                                   | Version             |         |                           |                          |                        |  |                           |                          |                          |  |                     |
| 2.16.756.5.30.1.1.10.4.62   | Containment   | Anamnesis Event (2017)                 | DYNAMIC             |         |                           |                          |                        |  |                           |                          |                          |  |                     |
| 2.16.756.5.30.1.1.10.4.63   | Containment   | Anamnesis Symptom (2017)               | DYNAMIC             |         |                           |                          |                        |  |                           |                          |                          |  |                     |
| <b>Relationship</b>   | Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)   |  |                     |         |                           |                          |                        |  |                           |                          |                          |  |                     |
| <b>Example</b>  | <p><b>Example</b></p> <pre> &lt;section&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.3.41"/&gt;   &lt;code code="1100005" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Anamnese" codeSystemName="IVR Codesystem RESP"/&gt;   &lt;title&gt; Anamnese &lt;/title&gt;   &lt;text&gt;     &lt;table&gt;       &lt;tbody&gt;         &lt;tr&gt;           &lt;th&gt;Geschehen&lt;/th&gt;         &lt;/tr&gt;         &lt;tr&gt;           &lt;td ID="anamnesis"&gt;Hat sich beim Spazieren im Wald schlecht gefühlt und ist abgesehen. &lt;/td&gt;         &lt;/tr&gt;       &lt;/tbody&gt;     &lt;/table&gt;     &lt;table&gt;       &lt;tbody&gt;         &lt;tr&gt;           &lt;th&gt;Symptome&lt;/th&gt;         &lt;/tr&gt;         &lt;tr&gt;           &lt;td ID="symptom"&gt;Starke Schmerzen in der Brust und im linken Oberarm verspürt &lt;/td&gt;         &lt;/tr&gt;       &lt;/tbody&gt;     &lt;/table&gt;   &lt;/text&gt; &lt;/section&gt; </pre> |  |                     |         |                           |                          |                        |  |                           |                          |                          |  |                     |

```

        </tr>
      </tbody>
    </table>
  </list>
  <caption>Allergien</caption>
  <item>Baumpollen </item>
  <item>bekannte Unverträglichkeitsreaktion auf einzelne
Medikamente </item>
</list>
<list>
  <caption>preMedication</caption>
  <item>Aspirin cardio 100, 1 Tbl/Tag</item>
</list>
<list>
  <caption>Medizinische Vorgeschichte</caption>
  <item>Herzvorfall vor 4 Jahren, behandelt im Triemli, seit dem
Aspirin cardio </item>
</list>
<list>
  <caption>Weitere</caption>
  <item>Seit dem Frühstück um ca.08:00 Uhr hat er nichts mehr
gegessen </item>
  <item>Peter Muster hat keine Patientenverfügung erstellt </item>
  <item>es sind keine anderen medizinische Probleme bekannt</item>
</list>
</text>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.62"/>
    <code code="261665006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Unknown"/>
    <text>
      <reference value="#anamnesis"/>
    </text>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.63"/>
    <code code="162408000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="General symptom de-
scription (finding)"/>
    <text>
      <reference value="#symptom"/>
    </text>
  </observation>
</entry>
</section>

```

| Item              | DT      | Card    | Conf | Description  | Label       |
|-------------------|---------|---------|------|--|-------------|
| h17:section       |         |         |      |  | (Ana...ion) |
| └ @classCode      | CS      | 0 ... 1 | F    | DOCSECT  |             |
| └ @moodCode       | CS      | 0 ... 1 | F    | EVN  |             |
| └ h17:templateId  | II      | 1 ... 1 | M    |  | (Ana...ion) |
| └ @root           | uid     | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.41  |             |
| └ h17:code        | CE      | 1 ... 1 | M    |  | (Ana...ion) |
| └ @code           | CONF    | 1 ... 1 | F    | 1100005  |             |
| └ @codeSystem     |         | 1 ... 1 | F    | 2.16.756.5.30.1.143.5.1  |             |
| └ @codeSystemName |         | 1 ... 1 | F    | IVR Codesystem RESP  |             |
| └ @displayName    |         | 1 ... 1 | F    | Anamnese   |             |
| └ h17:title       | ST      | 1 ... 1 | M    | Fixed human readable title of this section. <ul style="list-style-type: none"> <li>▪ [ge]: 'Anamnese'</li> <li>▪ [fr]: 'TODO'</li> <li>▪ [it]: 'TODO'</li> <li>▪ [en]: 'TODO'</li> </ul> <let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"></let><assert role="error" test="not(\$languageCode='de') or (text()='Patient')">The German title must read 'Anamnese'</assert> | (Ana...ion) |
| └ h17:text        | SD.TEXT | 1 ... 1 | M    | Human readable text of this section.   | (Ana...ion) |
| └ h17:entry       |         | 0 ... 1 |      | Contains 2.16.756.5.30.1.1.10.4.62 <i>Anamnesis Event</i> (DYNAMIC)  | (Ana...ion) |

|   |         |  |             |
|---|---------|--|-------------|
| where [hl7:observation [hl7:code [concat(@code,@codeSystem)=doc('include/voc-2.16.756.5.30.1.1.11.23-DYNAMIC.xml')/valueSet [1]/conceptList/concept/concat(@code,@codeSystem) or @nullFlavor]]] |         |  |             |
| h17:entry   | 0 ... * | Contains 2.16.756.5.30.1.1.10.4.63 Anamnesis Symptom (DYNAMIC) | (Ana...ion) |
| where [hl7:observation [hl7:code [(@code='162408000' and @codeSystem='2.16.840.1.113883.6.96') or @nullFlavor]]]  |         |  |             |

### 7.4.3.3 Diagnosis

|                           |   |                              |  |
|---------------------------|---|------------------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.3.16   | <b>Effective Date</b>        | 2017-09-08 10:23:39                    |
| <b>Status</b>             | Under pre-publication review  | <b>Version Label</b>         | 2017                                   |
| <b>Name</b>               | DiagnosisSection  | <b>Display Name</b>          | Diagnosis                              |
| <b>Description</b>        | Diagnosis Section   |                              |  |
| <b>Context</b>            | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.16        |                              |  |
| <b>Classification</b>     | CDA Section Level Template  |                              |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)                            |                              |  |
| <b>Used by / Uses</b>     | Used by 0 transactions and 2 templates, Uses 1 template                   |                              |  |
|                           | <b>Used by</b>  | <b>as</b>                    | <b>Name</b>                            |
|                           | 2.16.756.5.30.1.1.10.1.2  | Containment                  | EmergencyMedicalServiceProtocol (2017) |
|                           | 2.16.756.5.30.1.1.10.1.2  |                              | EmergencyMedicalServiceProtocol (2017) |
|                           | Circular reference found with cdachresp-template-document-2, please check |                              |  |
| <b>Uses</b>               | <b>as</b>   | <b>Name</b>                  | <b>Version</b>                         |
| 2.16.756.5.30.1.1.10.4.68 | Containment   | Problem Concern Entry (2017) | DYNAMIC                                |
| <b>Relationship</b>       | Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)         |                              |  |

## Example

```

<section>
  <templateId root="2.16.756.5.30.1.1.10.3.16"/>
  <code code="1100007" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Diagnosen" codeSystemName="IVR Codesystem RESP"/>
  <title>Diagnosen</title>
  <text>
    <table>
      <tbody>
        <tr>
          <th>Verdachtsdiagnose</th>
        </tr>
        <tr>
          <td ID="diagnose1">akuten transmuralen Myokardinfarkts der Vorderwand,
ACS/STEMI VW </td>
        </tr>
      </tbody>
    </table>
  </text>
  <entry>
    <act classCode="ACT" moodCode="EVN">
      <templateId root="2.16.756.5.30.1.1.10.4.68"/>
      <templateId root="2.16.840.1.113883.10.20.1.27"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.1"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.2"/>
      <id root="1962D16E-D153-4A58-B17E-1D65FC81E6CE"/>
      <code nullFlavor="NA"/>
      <statusCode code="active"/>
      <entryRelationship typeCode="SUBJ">
        <observation classCode="OBS" moodCode="EVN" negationInd="false">
          <templateId root="2.16.756.5.30.1.1.10.4.67"/>
          <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
          <templateId root="2.16.840.1.113883.10.20.1.28"/>
          <id root="AD092C2A-813D-4EAA-83F1-EB53DB2F16F0"/>
          <code code="2931005" codeSystem="2.16.840.1.113883.6.96" displayName="Verdachtsdiagnose"/>
          <text>
            <reference value="#diagnose1"/>
          </text>
          <statusCode code="completed"/>
          <effectiveTime>
            <low value="20161210112500.0000+0100"/>
          </effectiveTime>
          <value xsi:type="CD" code="I21.0" codeSystem="2.16.756.5.30.1.126.3.2" displayName="ST elevation (STEMI) myocardial
infarction of anterior wall"/>
          <author>
            <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician">
              <translation code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
            </functionCode>
            <time value="20161210112500.0000+0100"/>
            <assignedAuthor>

```

Example

```

    <!-- cdachresp-dataelement-281 -->
    <id root="2.51.1.3" extension="7601000028105"/>
    </assignedAuthor>
  </author>
</observation>
</entryRelationship>
</act>
</entry>
</section>

```

| Item               | DT   | Card    | Conf | Description   | Label       |
|--------------------|------|---------|------|---|-------------|
| h17:section        |      |         |      |   | (Dia...ion) |
| └ @classCode       | CS   | 0 ... 1 | F    | DOCSECT   |             |
| └ @moodCode        | CS   | 0 ... 1 | F    | EVN   |             |
| └ h17:templateId   | II   | 1 ... 1 | M    |   | (Dia...ion) |
| └└ @root           | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.16   |             |
| └ h17:code         | CE   | 1 ... 1 | M    |   | (Dia...ion) |
| └└ @code           | CONF | 1 ... 1 | F    | 1100007   |             |
| └└ @codeSystem     |      | 1 ... 1 | F    | 2.16.756.5.30.1.143.5.1   |             |
| └└ @codeSystemName |      | 1 ... 1 | F    | IVR Codesystem RESP   |             |
| └└ @displayName    |      | 1 ... 1 | F    | Diagnosen   |             |
| └ h17:title        | ST   | 1 ... 1 | M    | Fixed human readable title of this section. <ul style="list-style-type: none"> <li>[ge]: 'Diagnosen'</li> <li>[fr]: 'TODO'</li> <li>[it]: 'TODO'</li> </ul> | (Dia...ion) |

|             |         |         |   |   |             |
|-------------|---------|---------|---|---|-------------|
|             |         |         |   | <ul style="list-style-type: none"> <li>[en]: 'TODO'</li> </ul> <pre>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/ cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" tes- t="not(\$languageCode='de') or (text()='Patient')"&gt;The German title must read 'Dia- gnosen'&lt;/assert&gt;</pre> |             |
| └ h17:text  | SD.TEXT | 1 ... 1 | M | Human readable text of this section.  | (Dia...ion) |
| └ h17:entry |         | 0 ... 1 |   | Contains 2.16.756.5.30.1.1.10.4.68 <i>Problem Concern Entry</i> (DYNAMIC)   | (Dia...ion) |

#### 7.4.3.4 EventOfDeath

| <b>Id</b>                | 2.16.756.5.30.1.1.10.3.18  | <b>Effective Date</b>                    | 2017-09-08 10:23:39 |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
|--------------------------|--|--|---------------------|------|---------|--------------------------|-------------|--|---------------------|--------------------------|---|--|---------------------|--|--|
| <b>Status</b>            | 🟡 Under pre-publication review   | <b>Version Label</b>                     | 2017                |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| <b>Name</b>              | EventOfDeathSection  | <b>Display Name</b>                      | EventOfDeath        |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| <b>Description</b>       | Event Of Death Section   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| <b>Context</b>           | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.18   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| <b>Classification</b>    | CDA Section Level Template   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| <b>Open/Closed</b>       | Open (other than defined elements are allowed)   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
|                          | Used by 0 transactions and 2 templates, Uses 0 templates   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| <b>Used by / Uses</b>    | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td>Containment</td> <td>🟡 EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td>🔗</td> <td>🌐 EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> | Used by                                  | as                  | Name | Version | 2.16.756.5.30.1.1.10.1.2 | Containment | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 | 🔗 | 🌐 EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 | <p>🚨 Circular reference found with cdachresp-template-document-2, please check</p> |  |
| Used by                  | as   | Name                                     | Version             |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2 | Containment  | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2 | 🔗  | 🌐 EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |      |         |                          |             |  |                     |                          |   |  |                     |  |  |
| <b>Relationship</b>      | Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)  |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |  |  |



## Example

## Example

```

<component>
  <section>
    <templateId root="2.16.756.5.30.1.1.10.3.18"/>
    <code code="1100009" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Todesfall" codeSystemName="IVR Codesystem RESP"/>
    <title>Todesfall</title>
    <text> - </text>
  </section>
</component>

```

| Item              | DT   | Card    | Conf | Description   | Label       |
|-------------------|------|---------|------|---|-------------|
| h17:section       |      |         |      |   | (Eve...ion) |
| └ @classCode      | CS   | 0 ... 1 | F    | DOCSECT   |             |
| └ @moodCode       | CS   | 0 ... 1 | F    | EVN   |             |
| └ h17:templateId  | II   | 1 ... 1 | M    |   | (Eve...ion) |
| └ @root           | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.18   |             |
| └ h17:code        | CE   | 1 ... 1 | M    |   | (Eve...ion) |
| └ @code           | CONF | 1 ... 1 | F    | 1100009   |             |
| └ @codeSystem     |      | 1 ... 1 | F    | 2.16.756.5.30.1.143.5.1   |             |
| └ @codeSystemName |      | 1 ... 1 | F    | IVR Codesystem RESP   |             |
| └ @displayName    |      | 1 ... 1 | F    | Todesfall   |             |
| └ h17:title       | ST   | 1 ... 1 | M    | Fixed human readable title of this section. <ul style="list-style-type: none"> <li>[ge]: 'Todesfall'</li> <li>[fr]: 'TODO'</li> </ul> | (Eve...ion) |

|           |         |         |   |   |             |
|-----------|---------|---------|---|---|-------------|
|           |         |         |   | <ul style="list-style-type: none"> <li>[it]: 'TODO'</li> <li>[en]: 'TODO'</li> </ul> <pre>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" test="not(\$languageCode='de') or (text()='Patient')&gt;The German title must read 'Todesfall'&lt;/assert&gt;</pre> |             |
| h17: text | SD.TEXT | 1 ... 1 | M | Human readable text of this section.  | (Eve...ion) |

### 7.4.3.5 Findings

|                       |  |   |  |                       |                     |
|-----------------------|--|---|--|-----------------------|---------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.3.14  |   |  | <b>Effective Date</b> | 2017-09-08 10:23:39 |
| <b>Status</b>         | 🟡 Under pre-publication review                                     |   |  | <b>Version Label</b>  | 2017                |
| <b>Name</b>           | FindingsSection  |   |  | <b>Display Name</b>   | Findings            |
| <b>Description</b>    | Findings Section   |   |  |                       |                     |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.14 |   |  |                       |                     |
| <b>Classification</b> | CDA Section Level Template   |   |  |                       |                     |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)                     |   |  |                       |                     |
| <b>Used by / Uses</b> | Used by 0 transactions and 2 templates, Uses 4 templates           |   |  |                       |                     |
|                       | <b>Used by</b>   | <b>as</b>   | <b>Name</b>                              | <b>Version</b>        |                     |
|                       | 2.16.756.5.30.1.1.10.1.2   | Containment   | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29   |                     |
|                       | 2.16.756.5.30.1.1.10.1.2   | 🔗   | 🔵 EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29   |                     |
|                       |  | ! Circular reference found with cdachresp-template-document-2, please check |  |                       |                     |
| <b>Uses</b>           | <b>as</b>  | <b>Name</b>   | <b>Version</b>                           |                       |                     |
| 1.2.276.0.76.10.4034  | Containment  | 🟢 Glasgow Coma Scale  | DYNAMIC                                  |                       |                     |

2.16.756.5.30.1.1.10.4.64 Containment ● Level of Responsiveness (AVPU) (2017)

DYNAMIC

2.16.756.5.30.1.1.10.4.82 Containment ● Observation Airways (2017)

DYNAMIC

2.16.756.5.30.1.1.10.4.80 Containment ● Observation Cardiac Arrest (2017)

DYNAMIC

## Relationship

Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)

## Example

### Example

```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.14"/>
  <code code="1100006" codeSystem="2.16.756.5.30.1.1.143.5.1" displayName="Befund" codeSystemName="IVR Codesystem RESP"/>
  <title>Befund</title>
  <text>
    <paragraph>
      Blutdruck 120/80 mmHg gemessen am rechten Arm
    <br/>
      Schmerz 5
    <br/>
    </paragraph>
    <table>
      <tbody>
        <tr>
          <th>GCS</th>
        </tr>
        <tr>
          <td ID="gcs1">Total 15 (Augenöffnung spontan 4/ verbale Antwort orientiert 5/ morot. Reaktion befolgt Anweisungen 6) um 12:25
        </td>
        </tr>
      </tbody>
    </table>
  </text>
</entry>
<!-- cdachresp-dataelement-108 GCS -->
<observation classCode="OBS" moodCode="EVN">
  <templateId root="1.2.276.0.76.10.4034"/>
  <id root="1.2.276.0.76.4.17.9814184919" extension="98C1EB7E-DC2D-4D1F-806A-2AD65EBA0351"/>
  <code code="9269-2" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score total"/>
  <text>
    <reference value="#gcs1"/>
  </text>
  <statusCode code="completed"/>
</observation>
```

```








<effectiveTime value="20161210112500.0000+0100"/>
<!-- cdachresp-dataelement-109 -->
<value xsi:type="PQ" value="15" unit="{score}"/>
<entryRelationship typeCode="COMP" contextConductionInd="true">
  <observation classCode="OBS" moodCode="EVN">
    <code code="9267-6" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score eye opening"/>
    <statusCode code="completed"/>
    <!-- cdachresp-dataelement-110 -->
    <value xsi:type="PQ" value="4" unit="{score}"/>
  </observation>
</entryRelationship>
<entryRelationship typeCode="COMP" contextConductionInd="true">
  <observation classCode="OBS" moodCode="EVN">
    <code code="9270-0" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score verbal"/>
    <statusCode code="completed"/>
    <!-- cdachresp-dataelement-111 -->
    <value xsi:type="PQ" value="5" unit="{score}"/>
  </observation>
</entryRelationship>
<entryRelationship typeCode="COMP" contextConductionInd="true">
  <observation classCode="OBS" moodCode="EVN">
    <code code="9268-4" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score motor"/>
    <statusCode code="completed"/>
    <!-- cdachresp-dataelement-112 -->
    <value xsi:type="PQ" value="6" unit="{score}"/>
  </observation>
</entryRelationship>
</entryRelationship>
</entry>
</section>

```

| Item             | DT  | Card    | Conf | Description               | Label       |
|------------------|-----|---------|------|---------------------------|-------------|
| h17:section      |     |         |      |                           | (Fin...ion) |
| └ @classCode     | CS  | 0 ... 1 | F    | DOCSECT                   |             |
| └ @moodCode      | CS  | 0 ... 1 | F    | EVN                       |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                           | (Fin...ion) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.14 |             |

|   |         |           |   |             |
|---|---------|-----------|---|-------------|
| └ h17:code  | CE      | 1 ... 1 M |   | (Fin...ion) |
| └ @code   | CONF    | 1 ... 1 F | 1100006   |             |
| └ @codeSystem   |         | 1 ... 1 F | 2.16.756.5.30.1.143.5.1   |             |
| └ @codeSystemName   |         | 1 ... 1 F | IVR Codesystem RESP   |             |
| └ @displayName  |         | 1 ... 1 F | Befund  |             |
| └ h17:title   | ST      | 1 ... 1 M | <p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Befund'</li> <li>▪ [fr]: 'TODO'</li> <li>▪ [it]: 'TODO'</li> <li>▪ [en]: 'TODO'</li> </ul> <p>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" test="not(\$languageCode='de') or (text()='Patient')&gt;The German title must read 'Befund'&lt;/assert&gt;</p> | (Fin...ion) |
| └ h17:text  | SD.TEXT | 1 ... 1 M | Human readable text of this section.  | (Fin...ion) |
| └ h17:entry   |         | 0 ... 1   | Contains 1.2.276.0.76.10.4034 <i>Glasgow Coma Scale</i> (DYNAMIC)   | (Fin...ion) |
| where [hl7:observation [hl7:code [(@code='9269-2' and @codeSystem='2.16.840.1.113883.6.1')]]]     |         |           |   |             |
| └ h17:entry   |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.64 <i>Level of Responsiveness (AVPU)</i> (DYNAMIC)  | (Fin...ion) |
| └ h17:entry   |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.82 <i>Observation Airways</i> (DYNAMIC)   | (Fin...ion) |
| where [hl7:observation [hl7:code [(@code='301252002' and @codeSystem='2.16.840.1.113883.6.96')]]] |         |           |   |             |
| └ h17:entry   |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.80 <i>Observation Cardiac Arrest</i> (DYNAMIC)  | (Fin...ion) |
| where [hl7:observation [hl7:code [(@code='410429000' and @codeSystem='2.16.840.1.113883.6.96')]]] |         |           |   |             |

## 7.4.3.6 Handover

|                           |   |   |  |
|---------------------------|---|---|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.3.15   | <b>Effective Date</b>   | 2017-09-08 10:23:39  |
| <b>Status</b>             |  Under pre-publication review  | <b>Version Label</b>  | 2017   |
| <b>Name</b>               | HandoverSection   | <b>Display Name</b>   | Handover   |
| <b>Description</b>        | Handover Section  |   |  |
| <b>Context</b>            | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.15  |   |  |
| <b>Classification</b>     | CDA Section Level Template  |   |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)  |   |  |
| <b>Used by / Uses</b>     | Used by 0 transactions and 2 templates, Uses 4 templates  |   |  |
|                           | <b>Used by</b>  | <b>as</b>   | <b>Name</b>  |
|                           | 2.16.756.5.30.1.1.10.1.2  | Containment  | EmergencyMedicalServiceProtocol (2017)   |
|                           | 2.16.756.5.30.1.1.10.1.2  |                |  EmergencyMedicalServiceProtocol (2017) |
|                           |  Circular reference found with cdachresp-template-document-2, please check   |   |  |
| <b>Uses</b>               | <b>as</b>   | <b>Name</b>   | <b>Version</b>   |
| 2.16.756.5.30.1.1.10.4.66 | Containment    | Patient Status Priority (2017)  | DYNAMIC  |
| 2.16.756.5.30.1.1.10.4.65 | Containment    | Patient Condition Change (2017)   | DYNAMIC  |
| 1.2.276.0.76.10.4167      | Containment    | Injury Severity Observation   | DYNAMIC  |
| 1.2.276.0.76.10.4034      | Containment    | Glasgow Coma Scale  | DYNAMIC  |
| <b>Relationship</b>       | Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)   |   |  |
| <b>Example</b>            | <p><b>Example</b></p> <pre>&lt;section&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.3.15"/&gt;   &lt;code code="1100011" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Übergabe" codeSystemName="IVR Codesystem RESP"/&gt;   &lt;title&gt;Übergabe&lt;/title&gt;</pre> |   |  |

```

<text>
  <paragraph>Schmerz 4 </paragraph>
  <table>
    <tbody>
      <tr>
        <th>GCS</th>
      </tr>
      <tr>
        <td ID="gcs2">15 (4/5/6) um 13.03</td>
      </tr>
      <tr>
        <th>NACA</th>
      </tr>
      <tr>
        <td ID="naca">NACA: III</td>
      </tr>
      <tr>
        <th>Zustand</th>
      </tr>
      <tr>
        <td ID="statusdischarge">der Zustand des Patienten hat sich im Verlauf des
Einsatzes verbessert </td>
      </tr>
    </tbody>
  </table>
  <paragraph> Übergabe an USZ Wertsachenbeutel mit Portemonaie,
Handy, Uhr, Schlüssel, Bargel sowie Wertsachenverzeichnis
</paragraph>
</text>
<entry>
  <!-- cdachresp-dataelement-108 GCS -->
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="1.2.276.0.76.10.4034"/>
    <id root="1.2.276.0.76.4.17.9814184919" extension="9B19B61B-B0B9-49C9-85C7-15B25D1B26D9"/>
    <code code="9269-2" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score total"/>
    <text>
      <reference value="#gcs1"/>
    </text>
    <statusCode code="completed"/>
    <effectiveTime value="20161210120300.0000+0100"/>
    <!-- cdachresp-dataelement-109 -->
    <value xsi:type="PQ" value="15" unit="{score}"/>
    <entryRelationship typeCode="COMP" contextConductionInd="true">
      <observation classCode="OBS" moodCode="EVN">
        <code code="9267-6" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score eye opening"/>
        <statusCode code="completed"/>
        <!-- cdachresp-dataelement-110 -->
        <value xsi:type="PQ" value="4" unit="{score}"/>
      </observation>
    </entryRelationship>
    <entryRelationship typeCode="COMP" contextConductionInd="true">

```

```

<observation classCode="OBS" moodCode="EVN">
  <code code="9270-0" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score verbal"/>
  <statusCode code="completed"/>
  <!-- cdachresp-dataelement-111 -->
  <value xsi:type="PQ" value="5" unit="{score}"/>
</observation>
</entryRelationship>
<entryRelationship typeCode="COMP" contextConductionInd="true">
  <observation classCode="OBS" moodCode="EVN">
    <code code="9268-4" codeSystem="2.16.840.1.113883.6.1" displayName="Glasgow coma score motor"/>
    <statusCode code="completed"/>
    <!-- cdachresp-dataelement-112 -->
    <value xsi:type="PQ" value="6" unit="{score}"/>
  </observation>
</entryRelationship>
</observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="1.2.276.0.76.10.4167"/>
    <code code="X-NACA" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="NACA Score"/>
    <statusCode code="completed"/>
    <value xsi:type="CE" code="III" codeSystem="1.2.276.0.76.5.82"/>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.65"/>
    <code code="75527-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Vital status at discharge"/>
    <text>
      <reference value="#statusdischarge"/>
    </text>
    <statusCode code="completed"/>
    <value xsi:type="CD" code="385425000" codeSystem="2.16.840.1.113883.6.96" displayName="Improved"/>
  </observation>
</entry>
</section>

```

| Item         | DT | Card   | Conf | Description | Label       |
|--------------|----|--------|------|-------------|-------------|
| h17:section  |    |        |      |             | (Han...ion) |
| └ @classCode | CS | 0 .. 1 | F    | DOCSECT     |             |



|  |         |           |   |             |
|--|---------|-----------|---|-------------|
| └ @moodCode  | cs      | 0 ... 1 F | EVN   |             |
| └ hl7:templateId   | II      | 1 ... 1 M |   | (Han...ion) |
| └ @root  | uid     | 1 ... 1 F | 2.16.756.5.30.1.1.10.3.15   |             |
| └ hl7:code   | CE      | 1 ... 1 M |   | (Han...ion) |
| └ @code  | CONF    | 1 ... 1 F | 1100011   |             |
| └ @codeSystem  |         | 1 ... 1 F | 2.16.756.5.30.1.143.5.1   |             |
| └ @codeSystemName  |         | 1 ... 1 F | IVR Codesystem RESP   |             |
| └ @displayName   |         | 1 ... 1 F | Übergabe  |             |
| └ hl7:title  | ST      | 1 ... 1 M | <p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Übergabe'</li> <li>▪ [fr]: 'TODO'</li> <li>▪ [it]: 'TODO'</li> <li>▪ [en]: 'TODO'</li> </ul> <p>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" test="not(\$languageCode='de') or (text()='Patient')&gt;The German title must read 'Übergabe'&lt;/assert&gt;</p> | (Han...ion) |
| └ hl7:text   | SD.TEXT | 1 ... 1 M | Human readable text of this section.  | (Han...ion) |
| └ hl7:entry  |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.66 <i>Patient Status Priority</i> (DYNAMIC)   | (Han...ion) |
| where [hl7:observation [hl7:code [(@code='77941-3' and @codeSystem='2.16.840.1.113883.6.1')]]] |         |           |   |             |
| └ hl7:entry  |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.65 <i>Patient Condition Change</i> (DYNAMIC)  | (Han...ion) |
| where [hl7:observation [hl7:code [(@code='75527-2' and @codeSystem='2.16.840.1.113883.6.1')]]] |         |           |   |             |

|   |  |         |  |             |
|---|--|---------|--|-------------|
| └ h17:entry   |  | 0 ... 1 | Contains 1.2.276.0.76.10.4167 <i>Injury Severity Observation</i> (DYNAMIC) | (Han...ion) |
| where [hl7:observation [hl7:code [(@code='X-NACA' and @codeSystem='2.16.840.1.113883.6.1')]]] |  |         |  |             |
| └ h17:entry   |  | 0 ... 1 | Contains 1.2.276.0.76.10.4034 <i>Glasgow Coma Scale</i> (DYNAMIC)          | (Han...ion) |
| where [hl7:observation [hl7:code [(@code='9269-2' and @codeSystem='2.16.840.1.113883.6.1')]]] |  |         |  |             |

### 7.4.3.7 Mission

|                           |   |                          |  |
|---------------------------|---|--------------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.3.7  | <b>Effective Date</b>    | 2017-06-12 17:01:16                    |
| <b>Status</b>             | Under pre-publication review  | <b>Version Label</b>     | 2017                                   |
| <b>Name</b>               | MissionSection  | <b>Display Name</b>      | Mission                                |
| <b>Description</b>        | Mission Section   |                          |  |
| <b>Context</b>            | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.7         |                          |  |
| <b>Classification</b>     | CDA Section Level Template  |                          |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)                            |                          |  |
| <b>Used by / Uses</b>     | Used by 0 transactions and 2 templates, Uses 4 templates                  |                          |  |
|                           | <b>Used by</b>  | <b>as</b>                | <b>Name</b>                            |
|                           | 2.16.756.5.30.1.1.10.1.2  | Containment              | EmergencyMedicalServiceProtocol (2017) |
|                           | 2.16.756.5.30.1.1.10.1.2  |                          | EmergencyMedicalServiceProtocol (2017) |
|                           | Circular reference found with cdachresp-template-document-2, please check |                          |  |
| <b>Uses</b>               | <b>as</b>   | <b>Name</b>              | <b>Version</b>                         |
| 2.16.756.5.30.1.1.10.4.54 | Containment   | Mission Encounter (2017) | DYNAMIC                                |

|                           |             |   |         |
|---------------------------|-------------|---|---------|
| 2.16.756.5.30.1.1.10.4.30 | Containment | ● Mission Incident Location Organizer (2017)    | DYNAMIC |
| 2.16.756.5.30.1.1.10.4.59 | Containment | ● Mission Destination Location Organizer (2017) | DYNAMIC |
| 2.16.756.5.30.1.1.10.4.60 | Containment | ● Mission Time Status (2017)                    | DYNAMIC |

## Relationship

Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)

## Example

## Example

```

<section>
  <templateId root="2.16.756.5.30.1.1.10.3.7"/>
  <code code="1100001" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Einsatz" codeSystemName="IVR Codesystem RESP"/>
  <title>Einsatz</title>
  <text>
    <table>
      <tbody>
        <tr>
          <th>Einsatz</th>
        </tr>
        <tr>
          <td>Einsatzdatum</td>
          <!-- cdachresp-dataelement-54 -->
          <td>10.12.2016</td>
        </tr>
        <tr>
          <td>Einsatznummer</td>
          <!-- cdachresp-dataelement-54 -->
          <td>S12345678</td>
        </tr>
        <tr>
          <td>aufbietende Organisation</td>
          <td>7601002156370 (SNZ)</td>
        </tr>
        <tr>
          <td>angebotene Organisation</td>
          <td>7601002156363 (Rettungsdienst Schutz & Rettung Zürich)</td>
        </tr>
        <tr>
          <td>Team</td>
          <td></td>
        </tr>
      </tbody>
    </table>
    Petra Muster, GLN 7601003330434, Betreuerin
    <br/>
  </text>
</section>

```

```

Hans Beispiel, GLN 7601000028105, Betreuer
  </td>
</tr>
<tr>
  <td>Einsatzort</td>
  <td>Zürich, Waldrand (47.392115, 8.553192)</td>
</tr>
<tr>
  <td>Zielort</td>
  <td>USZ Notfall</td>
</tr>
</tbody>
</table>
<table>
  <tbody>
    <tr>
      <th>Alarm</th>
      <th>Status DP</th>
      <th>Status 1</th>
      <th>Status 2</th>
      <th>Kontakt Patient</th>
      <th>Status 3</th>
      <th>Status 4</th>
      <th>Status 5</th>
      <th>Status 6</th>
    </tr>
    <tr>
      <th ID="alarm">12.09</th>
      <th ID="disposition">12.11</th>
      <th ID="rollout">12.13</th>
      <th ID="arrivalonscene">12.17</th>
      <th ID="arrivalpatient">12.22</th>
      <th ID="departurefromscene">12.48</th>
      <th ID="arrivalattarget">12.54</th>
      <th ID="departurefromtarget"/>
      <th ID="operationalreadiness"/>
    </tr>
  </tbody>
</table>
</text>
<entry>
  <!-- cdachresp-dataelement-79 -->
  <encounter classCode="ENC" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.54"/>
    <templateId root="2.16.840.1.113883.10.12.302"/>
  <!-- dachresp-dataelement-25 -->
  <participant typeCode="LOC">
    <participantRole classCode="SDLOC">
      <!-- cdachresp-dataelement-175 Einsatzort Postadresse (eCH-0010) -->
      <addr>

```

```

        <city>Zürich</city>
    </addr>
    <playingEntity classCode="ENT">
        <name>Waldrand</name>
    </playingEntity>
</participantRole>
</participant>
<!-- Id cdachresp-dataelement-103 -->
<participant typeCode="DST">
    <participantRole classCode="SDLOC">
        <!-- cdachresp-dataelement-222 -->
        <id root="2.51.1.3" extension="7601002155939"/>
        <!-- cdachresp-dataelement-174 -->
        <addr>
            <streetAddressLine>Rämistrasse 100</streetAddressLine>
            <city>Zürich</city>
            <postalCode>8091</postalCode>
        </addr>
        <playingEntity classCode="ENT">
            <name>Universitätsspital Zürich, Notfall</name>
        </playingEntity>
    </participantRole>
</participant>
</encounter>
</entry>
<entry>
    <!-- cdachresp-dataelement-25 (Koordinationen) -->
    <organizer classCode="CLUSTER" moodCode="EVN">
        <templateId root="2.16.756.5.30.1.1.10.4.30"/>
        <statusCode code="completed"/>
        <component>
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="2.16.756.5.30.1.1.10.4.31"/>
                <code code="52000-7" displayName="Ambulance transport, Origination site latitude" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"/>
                <!-- cdachresp-dataelement-28 Koordinaten Einsatzort -->
                <value xsi:type="PQ" value="47.392115" unit="deg"/>
            </observation>
        </component>
        <component>
            <observation classCode="OBS" moodCode="EVN">
                <templateId root="2.16.756.5.30.1.1.10.4.32"/>
                <code code="52001-5" displayName="Ambulance transport, Origination site longitude" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC"/>
                <!-- cdachresp-dataelement-29 Koordinaten Einsatzort -->
                <value xsi:type="PQ" value="8.553192" unit="deg"/>
            </observation>
        </component>
    </organizer>
</entry>
<!-- cdachresp-dataelement-78: Status Zeiten -->

```

```

<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.60"/>
    <!-- cdachresp-dataelement-278 : Bedeutung der Statuszeit -->
    <code code="1000033" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="alarm"/>
    <text>
      <reference value="#alarm"/>
    </text>
    <!-- cdachresp-dataelement-286 Statuszeit -->
    <value xsi:type="TS" value="20161210110900.0000+0100"/>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.60"/>
    <!-- cdachresp-dataelement-278 : Bedeutung der Statuszeit -->
    <code code="1000034" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="dispositi-
on"/>
    <text>
      <reference value="#disposition"/>
    </text>
    <!-- cdachresp-dataelement-286 Statuszeit -->
    <value xsi:type="TS" value="20161210111100.0000+0100"/>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.60"/>
    <code code="1000035" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="rollout"/>
    <text>
      <reference value="#rollout"/>
    </text>
    <value xsi:type="TS" value="20161210111300.0000+0100"/>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.60"/>
    <code code="1000036" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="arrival on
scene"/>
    <text>
      <reference value="#arrivalonscene"/>
    </text>
    <value xsi:type="TS" value="20161210111700.0000+0100"/>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.60"/>
    <code code="1000037" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="arrival pati-
ent"/>

```

```

    <text>
      <reference value="#arrivalpatient"/>
    </text>
    <value xsi:type="TS" value="20161210112200.0000+0100"/>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.60"/>
    <code code="1000038" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="departure
from scene"/>
    <text>
      <reference value="#departurefromscene"/>
    </text>
    <value xsi:type="TS" value="20161210114800.0000+0100"/>
  </observation>
</entry>
<entry>
  <observation classCode="OBS" moodCode="EVN">
    <templateId root="2.16.756.5.30.1.1.10.4.60"/>
    <code code="1000039" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="arrival at
target"/>
    <text>
      <reference value="#arrivalattarget"/>
    </text>
    <value xsi:type="TS" value="20161210115400.0000+0100"/>
  </observation>
</entry>
</section>







```

| Item             | DT  | Card    | Conf | Description              | Label       |
|------------------|-----|---------|------|--------------------------|-------------|
| h17:section      |     |         |      |                          | (Mis...ion) |
| └ @classCode     | CS  | 0 ... 1 | F    | DOCSECT                  |             |
| └ @moodCode      | CS  | 0 ... 1 | F    | EVN                      |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                          | (Mis...ion) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.7 |             |

|  |         |           |  |             |
|--|---------|-----------|--|-------------|
| └ h17:code   | CE      | 1 ... 1 M |  | (Mis...ion) |
| └ @code  | CONF    | 1 ... 1 F | 1100001  |             |
| └ @codeSystem  |         | 1 ... 1 F | 2.16.756.5.30.1.143.5.1  |             |
| └ @codeSystemName  |         | 1 ... 1 F | IVR Codesystem RESP  |             |
| └ @displayName   |         | 1 ... 1 F | Einsatz  |             |
| └ h17:title  | ST      | 1 ... 1 M | <p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Einsatz'</li> <li>▪ [fr]: 'TODO'</li> <li>▪ [it]: 'TODO'</li> <li>▪ [en]: 'TODO'</li> </ul> <p>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" test="not(\$languageCode='de') or (text()='Einsatz')"&gt;The German title must read 'Einsatz'&lt;/assert&gt;</p> | (Mis...ion) |
| └ h17:text   | SD.TEXT | 1 ... 1 M | Human readable text of this section.   | (Mis...ion) |
| └ h17:entry  |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.54 <i>Mission Encounter</i> (DYNAMIC)  | (Mis...ion) |
| └ h17:entry  |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.30 <i>Mission Incident Location Organizer</i> (DYNAMIC)  | (Mis...ion) |
| └ h17:entry  |         | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.59 <i>Mission Destination Location Organizer</i> (DYNAMIC)   | (Mis...ion) |
| └ h17:entry  |         | 0 ... *   | Contains 2.16.756.5.30.1.1.10.4.60 <i>Mission Time Status</i> (DYNAMIC)  | (Mis...ion) |
| <p>where [h17:observation [h17:code [concat(@code,@codeSystem)=doc("include/voc-2.16.756.5.30.1.1.11.22-DYNAMIC.xml")/valueSet [1]/conceptList/concept/concat(@code,@codeSystem) or @nullFlavor]]]</p> |         |           |  |             |



## 7.4.3.8 Patient

|                           |  |   |  |
|---------------------------|--|---|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.3.8   | <b>Effective Date</b>   | 2017-06-12 17:15:34                    |
| <b>Status</b>             |  Under pre-publication review   | <b>Version Label</b>  | 2017                                   |
| <b>Name</b>               | PatientSection   | <b>Display Name</b>   | Patient                                |
| <b>Description</b>        | Section about patient  |   |  |
| <b>Context</b>            | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.8  |   |  |
| <b>Classification</b>     | CDA Section Level Template   |   |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)   |   |  |
| <b>Used by / Uses</b>     | Used by 0 transactions and 2 templates, Uses 1 template  |   |  |
|                           | <b>Used by</b>   | <b>as</b>   | <b>Name</b>                            |
|                           | 2.16.756.5.30.1.1.10.1.2   | Containment    | EmergencyMedicalServiceProtocol (2017) |
|                           | 2.16.756.5.30.1.1.10.1.2   |   | EmergencyMedicalServiceProtocol (2017) |
|                           |  Circular reference found with cdachresp-template-document-2, please check  |   |  |
| <b>Uses</b>               | <b>as</b>  | <b>Name</b>   | <b>Version</b>                         |
| 2.16.756.5.30.1.1.10.4.79 | Containment   | Patient Place of Origin or Nationality (2017)   | DYNAMIC                                |
| <b>Relationship</b>       | Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)  |   |  |
| <b>Example</b>            | <p><b>Example</b></p> <pre>&lt;section&gt; &lt;templateId root="2.16.756.5.30.1.1.10.3.8"/&gt; &lt;code code="1100002" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Patient" codeSystemName="IVR Codesystem RESP"/&gt; &lt;title&gt;Patient&lt;/title&gt; &lt;text&gt; &lt;table&gt; &lt;tbody&gt; &lt;tr&gt; &lt;th&gt;weitere Angaben&lt;/th&gt; &lt;/tr&gt; &lt;/tbody&gt; &lt;/table&gt; &lt;/text&gt; &lt;/section&gt;</pre> |   |  |

```

<tr>
  <td>Heimatort</td>
  <td ID="placeOfOrigin">Musterdorf ZH</td>
</tr>
</tbody>
</table>
</text>
<entry>
  <hl7:observation classCode="OBS" moodCode="EVN">
    <hl7:templateId root="2.16.756.5.30.1.1.10.4.79"/>
    <hl7:templateId root="2.16.840.1.113883.10.12.303"/>
    <hl7:code displayName="Place of origin (observable entity)" codeSystemName="SNOMED Clinical Terms" codeSystem="2.16.840.1.113883.6.96" code="307117005"/>
    <hl7:text>
      <hl7:reference value="#placeOfOrigin"/>
    </hl7:text>
  </hl7:observation>
</entry>
</section>

```

| Item              | DT   | Card    | Conf | Description              | Label       |
|-------------------|------|---------|------|--------------------------|-------------|
| hl7:section       |      |         |      |                          | (Pat...ion) |
| └ @classCode      | CS   | 0 ... 1 | F    | DOCSECT                  |             |
| └ @moodCode       | CS   | 0 ... 1 | F    | EVN                      |             |
| └ hl7:templateId  | II   | 1 ... 1 | M    |                          | (Pat...ion) |
| └ @root           | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.8 |             |
| └ hl7:code        | CE   | 1 ... 1 | M    |                          | (Pat...ion) |
| └ @code           |      | 1 ... 1 | F    | 1100002                  |             |
| └ @codeSystem     | CONF | 1 ... 1 | F    | 2.16.756.5.30.1.143.5.1  |             |
| └ @codeSystemName |      | 1 ... 1 | F    | IVR Codesystem RESP      |             |

|  |                |                  |   |             |
|--|----------------|------------------|---|-------------|
| <b>L</b> @displayName  |                | <b>1 ... 1 F</b> | Patient   |             |
| <b>L</b> hl7:title   | <b>ST</b>      | <b>1 ... 1 M</b> | Fixed human readable title of this section. <ul style="list-style-type: none"> <li>[ge]: 'Patient'</li> <li>[fr]: 'TODO'</li> <li>[it]: 'TODO'</li> <li>[en]: 'TODO'</li> </ul> <let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"></let><assert role="error" test="not(\$languageCode='de') or (text()='Patient')>The German title must read 'Patient'</assert> | (Pat...ion) |
| <b>L</b> hl7:text  | <b>SD.TEXT</b> | <b>1 ... 1 M</b> | Human readable text of this section.  | (Pat...ion) |
| <b>L</b> hl7:entry   |                | <b>0 ... 1</b>   | Contains 2.16.756.5.30.1.1.10.4.79 <i>Patient Place of Origin or Nationality</i> (DYNAMIC)  | (Pat...ion) |
| where [hl7:observation [hl7:code [concat(@code,@codeSystem)=doc('include/voc-2.16.756.5.30.1.1.11.67-DYNAMIC.xml')/valueSet [1]/conceptList/concept/concat(@code,@codeSystem)]]] |                |                  |   |             |

### 7.4.3.9 Pretreatment

|                       |  |                       |                     |
|-----------------------|--|-----------------------|---------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.3.42  | <b>Effective Date</b> | 2017-06-12 17:15:34 |
| <b>Status</b>         | ● Under pre-publication review                                     | <b>Version Label</b>  | 2017                |
| <b>Name</b>           | PretreatmentSection  | <b>Display Name</b>   | Pretreatment        |
| <b>Description</b>    | Pretreatment Section   |                       |                     |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.42 |                       |                     |
| <b>Classification</b> | CDA Section Level Template   |                       |                     |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)                     |                       |                     |

| Used by / Uses            | Used by 0 transactions and 2 templates, Uses 1 template |   |  |                     |
|---------------------------|---|---|--|---------------------|
|                           | Used by   | as  | Name                                     | Version             |
|                           | 2.16.756.5.30.1.1.10.1.2                                | Containment   | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |
|                           | 2.16.756.5.30.1.1.10.1.2                                | 🔗   | 🔵 EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
|                           |   | ! Circular reference found with cdachresp-template-document-2, please check |  |                     |
| Uses                      | as  | Name  | Version                                  |                     |
| 2.16.756.5.30.1.1.10.4.61 | Containment   | 🟡 Pretreatment Procedure (2017)   | DYNAMIC                                  |                     |

|              |  |
|--------------|--|
| Relationship | Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)  |
| Example      | Example  |
|              | <pre> &lt;cda:section classCode="DOCSECT" moodCode="EVN"&gt;   &lt;cda:templateId root="2.16.756.5.30.1.1.10.3.42"/&gt;   &lt;cda:code code="1100004" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Vorbehandlung" codeSystemName="IVR Codesystem RESP"/&gt;   &lt;cda:title&gt;Vorbehandlung&lt;/cda:title&gt;   &lt;cda:text&gt; - &lt;/cda:text&gt; &lt;/cda:section&gt; </pre> |

| Item             | DT | Card    | Conf | Description | Label       |
|------------------|----|---------|------|-------------|-------------|
| h17:section      |    |         |      |             | (Pre...ion) |
| └ @classCode     | CS | 0 ... 1 | F    | DOCSECT     |             |
| └ @moodCode      | CS | 0 ... 1 | F    | EVN         |             |
| └ h17:templateId | II | 1 ... 1 | M    |             | (Pre...ion) |

|                   |         |           |  |   |
|-------------------|---------|-----------|--|---|
| └ @root           | uid     | 1 ... 1 F | 2.16.756.5.30.1.1.10.3.42  |   |
| └ h17:code        | CE      | 1 ... 1 M |  | (Pre...ion)   |
| └ @code           | CONF    | 1 ... 1 F | 1100004  |   |
| └ @codeSystem     |         | 1 ... 1 F | 2.16.756.5.30.1.143.5.1  |   |
| └ @codeSystemName |         | 1 ... 1 F | IVR Codesystem RESP  |   |
| └ @displayName    |         | 1 ... 1 F | Vorbehandlung  |   |
| └ h17:title       |         | ST        | 1 ... 1 M  | Fixed human readable title of this section. <ul style="list-style-type: none"> <li>[ge]: 'Vorbehandlung'</li> <li>[fr]: 'TODO'</li> <li>[it]: 'TODO'</li> <li>[en]: 'TODO'</li> </ul> <let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"></let><assert role="error" test="not(\$languageCode='de') or (text()='Patient')>The German title must read 'Vorbehandlung'</assert> |
| └ h17:text        | SD.TEXT | 1 ... 1 M | Human readable text of this section.                                       | (Pre...ion)   |
| └ h17:entry       |         | 0 ... *   | Contains 2.16.756.5.30.1.1.10.4.61 <i>Pretreatment Procedure</i> (DYNAMIC) | (Pre...ion)   |

### 7.4.3.10 Procedures

|                    |  |                       |                     |
|--------------------|--|-----------------------|---------------------|
| <b>Id</b>          | 2.16.756.5.30.1.1.10.3.17  | <b>Effective Date</b> | 2017-09-08 10:23:39 |
| <b>Status</b>      | 🟡 Under pre-publication review                                     | <b>Version Label</b>  | 2017                |
| <b>Name</b>        | ProceduresSection  | <b>Display Name</b>   | Procedures          |
| <b>Description</b> | Procedures Section   |                       |                     |
| <b>Context</b>     | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.17 |                       |                     |


| <b>Classification</b>    | CDA Section Level Template  |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |
|--------------------------|---|--|---------------------|------|---------|--------------------------|-------------|--|---------------------|--------------------------|--|--|---------------------|
| <b>Open/Closed</b>       | Open (other than defined elements are allowed)  |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |
| <b>Used by / Uses</b>    | <p>Used by 0 transactions and 2 templates, Uses 0 templates</p> <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td>Containment</td> <td>EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td>EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> <p> Circular reference found with cdachresp-template-document-2, please check</p> | Used by                                | as                  | Name | Version | 2.16.756.5.30.1.1.10.1.2 | Containment | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 |  | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
| Used by                  | as  | Name                                   | Version             |      |         |                          |             |  |                     |                          |  |  |                     |
| 2.16.756.5.30.1.1.10.1.2 | Containment   | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |      |         |                          |             |  |                     |                          |  |  |                     |
| 2.16.756.5.30.1.1.10.1.2 |   | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |      |         |                          |             |  |                     |                          |  |  |                     |

|                     |   |
|---------------------|---|
| <b>Relationship</b> | Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)   |
| <b>Example</b>      | <p><b>Example</b></p> <pre>&lt;section&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.3.17"/&gt;   &lt;code code="1100008" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Massnahmen" codeSystemName="IVR Codesystem RESP"/&gt;   &lt;title&gt;Massnahmen&lt;/title&gt;   &lt;text&gt; Infusion gelegt und verabreichen ihm um 12:30 eine erste   Dosis von 2 Hüben Nitrolingual-Spray &lt;/text&gt; &lt;/section&gt;</pre> |

| Item             | DT  | Card    | Conf | Description               | Label       |
|------------------|-----|---------|------|---------------------------|-------------|
| h17:section      |     |         |      |                           | (Pro...ion) |
| └ @classCode     | cs  | 0 ... 1 | F    | DOCSECT                   |             |
| └ @moodCode      | cs  | 0 ... 1 | F    | EVN                       |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                           | (Pro...ion) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.17 |             |

|                   |         |           |   |             |
|-------------------|---------|-----------|---|-------------|
| └ h17:code        | CE      | 1 ... 1 M |   | (Pro...ion) |
| └ @code           | CONF    | 1 ... 1 F | 1100008   |             |
| └ @codeSystem     |         | 1 ... 1 F | 2.16.756.5.30.1.143.5.1   |             |
| └ @codeSystemName |         | 1 ... 1 F | IVR Codesystem RESP   |             |
| └ @displayName    |         | 1 ... 1 F | Massnahmen  |             |
| └ h17:title       | ST      | 1 ... 1 M | <p>Fixed human readable title of this section.</p> <ul style="list-style-type: none"> <li>▪ [ge]: 'Massnahmen'</li> <li>▪ [fr]: 'TODO'</li> <li>▪ [it]: 'TODO'</li> <li>▪ [en]: 'TODO'</li> </ul> <p>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" test="not(\$languageCode='de') or (text()='Patient')&gt;The German title must read 'Massnahmen'&lt;/assert&gt;</p> | (Pro...ion) |
| └ h17:text        | SD.TEXT | 1 ... 1 M | Human readable text of this section.  | (Pro...ion) |

### 7.4.3.11 Remarks Section - coded

|                       |   |                       |                         |
|-----------------------|---|-----------------------|-------------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.3.2  | <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  |                       |                         |

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

**Used by / Uses**

Used by 0 transactions and 1 template, Uses 1 template

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

**Relationship** Specialization: template 2.16.840.1.113883.10.12.201 (DYNAMIC)

**Example**

**Example**

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

| Item             | DT  | Card    | Conf | Description   | Label     |
|------------------|-----|---------|------|---|-----------|
| 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   |           |
| └ @displayName    | st                | 1 ... 1 | F  | Annotation comment  |           |
| └ h17:title       | ST                | 1 ... 1 | M  | Fixed human readable title of this section. <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'                             |           |
|             |         |                   | role    | error  |           |
|             |         | Schematron assert | test    | not(\$languageCode='en') or (text()='Comment')                         |           |
|             |         |                   | Message | The English title must read 'Comment'                                  |           |
| └ h17:text  | SD.TEXT | 1 ... 1           | M       | Human readable text of this section.                                   | CDA-CH V2 |
| └ h17:entry |         | 0 ... *           |         | Contains 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC) | CDA-CH V2 |

### 7.4.3.12 Transport

| <b>Id</b>                | 2.16.756.5.30.1.1.10.3.19   | <b>Effective Date</b>                  | 2017-09-08 10:23:39 |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
|--------------------------|---|--|---------------------|------|---------|--------------------------|-------------|--|---------------------|--------------------------|--|--|---------------------|--|--|
| <b>Status</b>            | Under pre-publication review  | <b>Version Label</b>                   | 2017                |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| <b>Name</b>              | TransportSection  | <b>Display Name</b>                    | Transport           |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| <b>Description</b>       | Transport Section   |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| <b>Context</b>           | Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.19  |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| <b>Classification</b>    | CDA Section Level Template  |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| <b>Open/Closed</b>       | Open (other than defined elements are allowed)  |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
|                          | Used by 0 transactions and 2 templates, Uses 0 templates  |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| <b>Used by / Uses</b>    | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td>Containment </td> <td>EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> | Used by                                | as                  | Name | Version | 2.16.756.5.30.1.1.10.1.2 | Containment | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 |  | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |  |  |
| Used by                  | as  | Name                                   | Version             |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2 | Containment   | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2 |   | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |      |         |                          |             |  |                     |                          |  |  |                     |  |  |
|                          | Circular reference found with cdachresp-template-document-2, please check   |  |                     |      |         |                          |             |  |                     |                          |  |  |                     |  |  |

**Relationship** Specialization: template 2.16.840.1.113883.10.12.201 (2005-09-07)

**Example**

**Example**

















```
<section>
  <templateId root="2.16.756.5.30.1.1.10.3.19"/>
  <code code="1100010" codeSystem="2.16.756.5.30.1.143.5.1" displayName="Transport" codeSystemName="IVR Codesystem RESP"/>
  <title>Transport</title>
  <text> Fahrt mit Sondersignal ins USZ. </text>
</section>
```

| Item              | DT   | Card    | Conf | Description   | Label       |
|-------------------|------|---------|------|---|-------------|
| h17:section       |      |         |      |   | (Tra...ion) |
| └ @classCode      | CS   | 0 ... 1 | F    | DOCSECT   |             |
| └ @moodCode       | CS   | 0 ... 1 | F    | EVN   |             |
| └ h17:templateId  | II   | 1 ... 1 | M    |   | (Tra...ion) |
| └ @root           | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.3.19   |             |
| └ h17:code        | CE   | 1 ... 1 | M    |   | (Tra...ion) |
| └ @code           | CONF | 1 ... 1 | F    | 1100010   |             |
| └ @codeSystem     |      | 1 ... 1 | F    | 2.16.756.5.30.1.143.5.1   |             |
| └ @codeSystemName |      | 1 ... 1 | F    | IVR Codesystem RESP   |             |
| └ @displayName    |      | 1 ... 1 | F    | Transport   |             |
| └ h17:title       | ST   | 1 ... 1 | M    | Fixed human readable title of this section. <ul style="list-style-type: none"> <li>[ge]: 'Transport'</li> <li>[fr]: 'TODO'</li> <li>[it]: 'TODO'</li> </ul> | (Tra...ion) |

|          |         |         |   |   |             |
|----------|---------|---------|---|---|-------------|
|          |         |         |   | <ul style="list-style-type: none"> <li>[en]: 'TODO'</li> </ul> <pre>&lt;let name="languageCode" value="substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)"&gt;&lt;/let&gt;&lt;assert role="error" test="not(\$languageCode='de') or (text()='Patient')&gt;The German title must read 'Transport'&lt;/assert&gt;</pre> |             |
| h17:text | SD.TEXT | 1 ... 1 | M | Human readable text of this section.  | (Tra...ion) |

## 7.4.4 CDA Entry Level Templates

### 7.4.4.1 Anamnesis Event

| <b>Id</b>                 | 2.16.756.5.30.1.1.10.4.62  | <b>Effective Date</b>  | 2017-07-11 17:54:00 |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
|---------------------------|--|--|---------------------|------|---------|---------------------------|-------------|--|---------------------|--------------------------|---|--|---------------------|--------------------------|---|--|---------------------|--|--|
| <b>Status</b>             |  Under pre-publication review   | <b>Version Label</b>   | 2017                |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Name</b>               | AnamnesisEventObservation  | <b>Display Name</b>  | Anamnesis Event     |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Description</b>        | Anamnesis Event  |  |                     |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Context</b>            | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.62   |  |                     |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Classification</b>     | CDA Entry Level Template   |  |                     |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)   |  |                     |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
|                           | Used by 0 transactions and 3 templates, Uses 0 templates   |  |                     |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Used by / Uses</b>     | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.3.41</td> <td>Containment</td> <td> Anamnesis (2017)</td> <td>2017-06-12 17:15:34</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> | Used by  | as                  | Name | Version | 2.16.756.5.30.1.1.10.3.41 | Containment |  Anamnesis (2017) | 2017-06-12 17:15:34 | 2.16.756.5.30.1.1.10.1.2 |  |  EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 |  |  EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |  |  |
| Used by                   | as   | Name   | Version             |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.3.41 | Containment  |  Anamnesis (2017)                       | 2017-06-12 17:15:34 |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2  |   |  EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2  |   |  EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Relationship</b>       | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)  |  |                     |      |         |                           |             |  |                     |                          |   |  |                     |                          |   |  |                     |  |  |

Example

## Example







```

<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.840.1.1133883.17.3.10.1.62"/>
  <code code="7542004" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED Clinical Terms" displayName="Work Accident"/>
  <text>
    <reference value="#anamnesis"/>
  </text>
</observation>

```

| Item             | DT   | Card  | Conf | Description  | Label       |  |
|------------------|------|---|------|--|-------------|--|
| h17:observation  |      |   |      |  | (Ana...ion) |  |
| └ @classCode     | CS   | 0 ... 1   | F    | OBS  |             |  |
| └ @moodCode      | CS   | 1 ... 1   | F    | EVN  |             |  |
| └ h17:templateId | II   | 1 ... 1   | M    |  | (Ana...ion) |  |
| └└ @root         | uid  | 1 ... 1   | F    | 2.16.756.5.30.1.1.10.4.62  |             |  |
| └ h17:id         | II   | 0 ... *   |      |  | (Ana...ion) |  |
| └ h17:code       | CD   | 1 ... 1   | R    |  | (Ana...ion) |  |
|                  | CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.23 <i>IVR valueset event (.143.11.15)</i> (DYNAMIC) |      |  |             |  |
| └ h17:text       | ED   | 0 ... 1   |      | The URI given in the value attribute of the <reference> element points to an element in the narrative content that contains the complete text describing the treatment reason. | (Ana...ion) |  |
| └ h17:reference  | TEL  | 1 ... 1   | M    |  | (Ana...ion) |  |
| └└ @value        |      | 1 ... 1   | R    |  |             |  |

## 7.4.4.2 Anamnesis Symptom















|                          |  |  |  |
|--------------------------|--|--|--|
| <b>Id</b>                | 2.16.756.5.30.1.1.10.4.63  | <b>Effective Date</b>  | 2017-07-11 17:54:00  |
| <b>Status</b>            |  Under pre-publication review   | <b>Version Label</b>   | 2017   |
| <b>Name</b>              | AnamnesisSymptomObservation  | <b>Display Name</b>  | Anamnesis Symptom  |
| <b>Description</b>       | General Symptom description  |  |  |
| <b>Context</b>           | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.63   |  |  |
| <b>Classification</b>    | CDA Entry Level Template   |  |  |
| <b>Open/Closed</b>       | Open (other than defined elements are allowed)   |  |  |
| <b>Used by / Uses</b>    | Used by 0 transactions and 3 templates, Uses 0 templates   |  |  |
|                          | <b>Used by</b>   | <b>as</b>  | <b>Name</b>  |
|                          | 2.16.756.5.30.1.1.10.3.41  | Containment  |  Anamnesis (2017)                       |
|                          | 2.16.756.5.30.1.1.10.1.2   |   |  EmergencyMedicalServiceProtocol (2017) |
| 2.16.756.5.30.1.1.10.1.2 |   |  EmergencyMedicalServiceProtocol (2017) |  |
| <b>Relationship</b>      | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)  |  |  |
| <b>Example</b>           | <p><b>Example</b></p> <pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.63"/&gt;   &lt;code code="162408000" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED Clinical Terms" displayName="General symptom description (finding)"/&gt;   &lt;text&gt;     &lt;reference value="#symptom"/&gt;   &lt;/text&gt; &lt;/observation&gt;</pre> |  |  |

| Item               | DT   | Card    | Conf | Description   | Label       |
|--------------------|------|---------|------|---|-------------|
| h17:observation    |      |         |      |   | (Ana...ion) |
| └ @classCode       | CS   | 0 ... 1 | F    | OBS   |             |
| └ @moodCode        | CS   | 1 ... 1 | F    | EVN   |             |
| └ h17:templateId   | II   | 1 ... 1 | M    |   | (Ana...ion) |
| └└ @root           | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.63   |             |
| └ h17:id           | II   | 0 ... * |      |   | (Ana...ion) |
| └ h17:code         | CD   | 1 ... 1 | R    |   | (Ana...ion) |
| └└ @code           | CONF | 0 ... 1 | F    | 162408000   |             |
| └└ @codeSystem     |      | 0 ... 1 | F    | 2.16.840.1.113883.6.96 (SNOMED Clinical Terms)  |             |
| └└ @codeSystemName |      | 0 ... 1 | F    | SNOMED CT   |             |
| └└ @displayName    |      | 0 ... 1 | F    | General symptom description (finding)   |             |
| └ h17:text         | ED   | 0 ... 1 |      | The URI given in the value attribute of the <reference> element points to an element in the narrative content that contains the complete text describing general symptom description. | (Ana...ion) |
| └ h17:reference    | TEL  | 1 ... 1 | M    |   | (Ana...ion) |
| └└ @value          |      | 1 ... 1 | R    |   |             |

### 7.4.4.3 Annotation Comments

**Id** 2.16.756.5.30.1.1.10.4.2

**Effective Date** 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)   |   |  |                |
| <b>Used by / Uses</b>     | Used by 0 transactions and 7 templates, Uses 2 templates   |   |  |                |
|                           | <b>Used by</b>   | <b>as</b>   | <b>Name</b>  | <b>Version</b> |
|                           | 2.16.756.5.30.1.1.10.4.89  | Containment   |  Immunization Entry (2016)                                    | 2016-11-11     |
|                           | 2.16.756.5.30.1.1.10.3.47  |    |  Immunizations Section - coded (2016)                         | 2016-11-11     |
|                           | 2.16.756.5.30.1.1.10.4.93  | Containment   |  Immunization Recommendation Entry (2016)                     | 2016-11-11     |
|                           | 2.16.756.5.30.1.1.10.3.48  |    |  Immunization Recommendations Section - coded (2016)          | 2016-11-11     |
|                           | 2.16.756.5.30.1.1.10.4.98  | Containment   |  Allergy Or Intolerance Entry (2016)                          | 2016-11-11     |
|                           | 2.16.756.5.30.1.1.10.4.91  |    |  Allergies and Intolerances Concern Entry (2016)              | 2016-11-11     |
|                           | 2.16.756.5.30.1.1.10.3.51  |    |  Allergies and other Adverse Reactions Section - coded (2016) | 2016-11-11     |
|                           | <b>Uses</b>  | <b>as</b>   | <b>Name</b>  | <b>Version</b> |
| 2.16.756.5.30.1.1.10.9.14 | Include  |  Narrative Text Reference (2017)                         | DYNAMIC  |                |
| 2.16.756.5.30.1.1.10.9.16 | Containment  |  Author Compilation with name, addr and telecom (2017) | DYNAMIC  |                |
| <b>Relationship</b>       | Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.2 (2013-12-20)<br>Specialization: template 2.16.840.1.113883.10.20.1.40 (DYNAMIC)   |   |  |                |
| <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;</pre> |   |  |                |



```

<templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/>
<code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/>
<text>
  <reference value="#narrtextref"/>
</text>
<statusCode code="completed"/>
</act>

```

| Item             | DT  | Card    | Conf | Description                    | Label                                   |
|------------------|-----|---------|------|--------------------------------|---|
| h17:act          |     |         | R    | A comment to the parent entry. | IHE<br>PCC<br>TF2<br>Rev.11,<br>6.3.4.6 |
| └ @classCode     | CS  | 1 ... 1 | F    | ACT                            |   |
| └ @moodCode      | CS  | 1 ... 1 | F    | EVN                            |   |
| └ h17:templateId | II  | 1 ... 1 | M    |                                | IHE<br>PCC<br>TF2<br>Rev.11,<br>6.3.4.6 |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.2       |   |
| └ h17:templateId | II  | 1 ... 1 | M    |                                | IHE<br>PCC<br>TF2<br>Rev.11,<br>6.3.4.6 |
| └ @root          | uid | 1 ... 1 | F    | 2.16.840.1.113883.10.20.1.40   |   |
| └ h17:templateId | II  | 1 ... 1 | M    |                                | IHE<br>PCC<br>TF2                       |

|                   |     |         |   |   |  |   |
|-------------------|-----|---------|---|---|--|---|
|                   |     |         |   |   |  | Rev.11,<br>6.3.4.6                      |
| └ @root           | uid | 1 ... 1 | F | 1.3.6.1.4.1.19376.1.5.3.1.4.2   |  |   |
| └ h17:id          | II  | 0 ... 1 |   | An ID for this item MAY be filled for traceability.   |  | IHE<br>PCC<br>TF2<br>Rev.11,<br>6.3.4.6 |
| └ @root           | uid | 1 ... 1 | R | MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED. |  |   |
| └ @extension      | st  | 0 ... 1 |   | Contains the ID itself. The ID MUST be unique within the system that issued the ID.   |  |   |
| └ h17:code        | CD  | 1 ... 1 | M |   |  | IHE<br>PCC<br>TF2<br>Rev.11,<br>6.3.4.6 |
| └ @code           | cs  | 1 ... 1 | F | 48767-8   |  |   |
| └ @codeSystem     | oid | 1 ... 1 | F | 2.16.840.1.113883.6.1   |  |   |
| └ @codeSystemName | st  | 1 ... 1 | F | LOINC   |  |   |
| └ @displayName    | st  | 1 ... 1 | F | Annotation comment  |  |   |
| Included          |     | 1 ... 1 | R | from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC)<br>The reference to the text in the narrative section of the section MUST be specified.  |  |   |
| └ h17:text        | ED  | 1 ... 1 | M |   |  | CDA-CH<br>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<br>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.  |  |   |

|  |         |  |   |  |   |      |       |  |      |                         |  |         |  |              |      |         |  |       |                             |                   |      |       |  |      |   |  |         |  |
|--|---------|--|---|--|---|------|-------|--|------|-------------------------|--|---------|--|--------------|------|---------|--|-------|-----------------------------|-------------------|------|-------|--|------|---|--|---------|--|
|  |         |  |   | <table border="1"> <tr> <td>Schematron assert</td> <td>role</td> <td>error</td> </tr> <tr> <td></td> <td>test</td> <td>starts-with(@value,'#')</td> </tr> <tr> <td></td> <td>Message</td> <td>The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding &lt;content/&gt; element.</td> </tr> <tr> <td>Variable let</td> <td>Name</td> <td>idvalue</td> </tr> <tr> <td></td> <td>Value</td> <td>substring-after(@value,'#')</td> </tr> <tr> <td>Schematron assert</td> <td>role</td> <td>error</td> </tr> <tr> <td></td> <td>test</td> <td>ancestor::hl7:structuredBody/*[@ID=\$idvalue]</td> </tr> <tr> <td></td> <td>Message</td> <td>No narrative text found for this reference (no content element within this document has an ID that corresponds to '&lt;value-of select="\$idvalue"/&gt;').</td> </tr> </table> | 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    | 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"/>'). |   |  |   |      |       |  |      |                         |  |         |  |              |      |         |  |       |                             |                   |      |       |  |      |   |  |         |  |
| └ h17:statusCode   | CS      | 1 ... 1  | M | The status 'completed' indicates that the comment is final.  | IHE<br>PCC<br>TF2<br>Rev.11,<br>6.3.4.6 |      |       |  |      |                         |  |         |  |              |      |         |  |       |                             |                   |      |       |  |      |   |  |         |  |
| └ @code  | cs      | 1 ... 1  | F | completed  |   |      |       |  |      |                         |  |         |  |              |      |         |  |       |                             |                   |      |       |  |      |   |  |         |  |
|  | CONF    |  |   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 <i>ActStatusCompleted</i> (DYNAMIC)  |   |      |       |  |      |                         |  |         |  |              |      |         |  |       |                             |                   |      |       |  |      |   |  |         |  |
| └ h17:author   |         | 0 ... *  |   | The author of the comment MAY be specified.<br>Contains 2.16.756.5.30.1.1.10.9.16 <i>Author Compilation with name, addr and telecom</i> (DYNAMIC)  | IHE<br>PCC<br>TF2<br>Rev.11,<br>6.3.4.6 |      |       |  |      |                         |  |         |  |              |      |         |  |       |                             |                   |      |       |  |      |   |  |         |  |
| where [hl7:functionCode [concat(@code,@codeSystem)=doc('include/voc-2.16.756.5.30.1.127.3.10.1.1.3-DYNAMIC.xml')/valueSet [1]/conceptList/concept/concat(@code,@codeSystem) or @nullFlavor]] |         |  |   |  |   |      |       |  |      |                         |  |         |  |              |      |         |  |       |                             |                   |      |       |  |      |   |  |         |  |



### 7.4.4.4 Glasgow Coma Scale (GCS)

1.2.276.0.76.10.4034/dynamic

### 7.4.4.5 Injury Severity Observation

1.2.276.0.76.10.4167/dynamic

### 7.4.4.6 Level of Responsiveness (AVPU)

|                       |   |   |   |
|-----------------------|---|---|---|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.64   | <b>Effective Date</b>   | 2017-09-08                              |
| <b>Status</b>         |  Draft   | <b>Version Label</b>  | 2017                                    |
| <b>Name</b>           | chpcc_entry_LevelOfResponsivenessObservation  | <b>Display Name</b>   | Level of Responsiveness (AVPU)          |
| <b>Description</b>    | Level of Responsiveness (AVPU), Coded Vital Sign, IHE PCC RIPT  |   |   |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.64  |   |   |
| <b>Label</b>          | IHE PCC RIPT Trial 6.3.1.D.5.10   |   |   |
| <b>Classification</b> | CDA Entry Level Template  |   |   |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)  |   |   |
| <b>Used by / Uses</b> | Used by 0 transactions and 0 templates, Uses 1 template   |   |   |
|                       | <b>Uses</b>   | <b>as</b>   | <b>Name</b>                             |
|                       | 2.16.756.5.30.1.1.10.9.14   | Include  | Narrative Text Reference (2017) DYNAMIC |
| <b>Relationship</b>   | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)<br>Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.13 (2016-09-26 08:43:40)<br>Specialization: template 2.16.756.5.30.1.1.10.4.21 (DYNAMIC)  |   |   |
| <b>Example</b>        | <p>Example</p> <pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.21"/&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13"/&gt;   &lt;templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.13.2"/&gt;   &lt;templateId root="2.16.840.1.113883.10.20.1.31"/&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.64"/&gt;   &lt;id root="d3b3cc67-2c2f-4995-8b96-5afa4622bb6d"/&gt;   &lt;code code="11454-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;</pre> |   |   |

```

<text>
  <reference value="#avpu"/>
</text>
<statusCode code="completed"/>
<effectiveTime value="2016120101225+0100"/>
<value xsi:type="ST" value="A" unit="{score}"/>
</observation>

```









| Item             | DT  | Card    | Conf | Description                      | Label                                 |
|------------------|-----|---------|------|----------------------------------|---------------------------------------|
| hl7:observation  |     |         |      |                                  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @classCode     | CS  | 1 ... 1 | F    | OBS                              |                                       |
| └ @moodCode      | CS  | 1 ... 1 | F    | EVN                              |                                       |
| └ hl7:templateId | II  | 1 ... 1 | M    |                                  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.21        |                                       |
| └ hl7:templateId | II  | 1 ... 1 | M    |                                  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @root          | uid | 1 ... 1 | F    | 1.3.6.1.4.1.19376.1.5.3.1.4.13   |                                       |
| └ hl7:templateId | II  | 1 ... 1 | M    |                                  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @root          | uid | 1 ... 1 | F    | 1.3.6.1.4.1.19376.1.5.3.1.4.13.2 |                                       |
| └ hl7:templateId | II  | 1 ... 1 | M    |                                  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |

|                   |     |         |   |   |                                       |
|-------------------|-----|---------|---|---|---------------------------------------|
| └ @root           | uid | 1 ... 1 | F | 2.16.840.1.113883.10.20.1.31  |                                       |
| └ h17:templateId  | II  | 1 ... 1 | M |   | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @root           | uid | 1 ... 1 | F | 2.16.756.5.30.1.1.10.4.64   |                                       |
| └ h17:id          | II  | 1 ... 1 | M | An ID for this item SHALL be filled for traceability.   | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @root           | uid | 1 ... 1 | R | MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED. |                                       |
| └ @extension      | st  | 0 ... 1 |   | Contains the ID itself. The ID MUST be unique within the system that issued the ID.   |                                       |
| └ h17:code        | CD  | 1 ... 1 | R |   | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @code           | cs  | 1 ... 1 | F | 11454-6   |                                       |
| └ @codeSystem     | oid | 1 ... 1 | F | 2.16.840.1.113883.6.1   |                                       |
| └ @codeSystemName | st  | 1 ... 1 | F | LOINC   |                                       |
| └ @displayName    | st  | 1 ... 1 | F | Level of Responsiveness (AVPU)  |                                       |
| Included          |     | 1 ... 1 |   | from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC)<br>The reference to the text in the narrative section of the section MUST be specified.  |                                       |
| └ 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  |                                       |
|                     |              | 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  |                                       |
|                     |              | Variable let      |   | Value        | substring-after(@value,'#')  |                                       |
|                     |              | Schematron assert |   | role         | error  |                                       |
|                     |              | Schematron assert |   | test         | ancestor::hl7:structuredBody/*[@ID=\$idvalue]  |                                       |
|                     |              | Schematron assert |   | Message      | No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>'). |                                       |
| └ h17:statusCode    | CS           | 1 ... 1           | M |              |  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ @code             | CONF         | 1 ... 1           | F | completed    |  |                                       |
| └ h17:effectiveTime | IVL_TS.CH.TZ | 1 ... 1           | R |              |  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |
| └ h17:value         | ST           | 1 ... 1           | R | A, V, P or U |  | IHE PCC<br>RIPT Trial<br>6.3.1.D.5.10 |

### 7.4.4.7 Mission Destination Location


|                       |  |                       |                              |
|-----------------------|--|-----------------------|------------------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.56                      | <b>Effective Date</b> | 2017-07-11 15:36:25          |
| <b>Status</b>         | ● Under pre-publication review                 | <b>Version Label</b>  | 2017                         |
| <b>Name</b>           | CDAParticipantMissionDestinationLocation       | <b>Display Name</b>   | Mission Destination Location |
| <b>Description</b>    | Mission Destination Location                   |                       |                              |
| <b>Classification</b> | CDA Entry Level Template                       |                       |                              |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed) |                       |                              |

| Used by / Uses           | Used by 0 transactions and 4 templates, Uses 1 template   |  |  |                        |
|--------------------------|---|--|--|------------------------|
|                          | Used by   | as   | Name   | Version                |
|                          | 2.16.756.5.30.1.1.10.4.54   | Containment  |  Mission Encounter (2017)               | 2017-07-11<br>09:40:49 |
|                          | 2.16.756.5.30.1.1.10.3.7  |    |  Mission (2017)                         | 2017-06-12<br>17:01:16 |
|                          | 2.16.756.5.30.1.1.10.1.2  |    |  EmergencyMedicalServiceProtocol (2017) | 2017-06-13<br>17:19:29 |
| 2.16.756.5.30.1.1.10.1.2 |   |  EmergencyMedicalServiceProtocol (2017) | 2017-05-31<br>17:19:29   |                        |
| Relationship             | Uses  | as   | Name   | Version                |
|                          | 2.16.840.1.113883.10.12.313   | Containment  |  CDA PlayingEntity                      | DYNAMIC                |
| Relationship             | Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07)   |  |  |                        |
| Example                  | Example   |  |  |                        |
|                          | <pre> &lt;participant typeCode="DST"&gt;   &lt;participantRole classCode="SDLOC"&gt;     &lt;id root="2.51.1.3" extension="7601002155939"/&gt;     &lt;addr&gt;       &lt;streetAddressLine&gt;Srasse&lt;/streetAddressLine&gt;       &lt;city&gt;Stadt&lt;/city&gt;       &lt;state&gt;State&lt;/state&gt;       &lt;postalCode&gt;PLZ&lt;/postalCode&gt;       &lt;country&gt;Land&lt;/country&gt;     &lt;/addr&gt;     &lt;playingEntity classCode="PLC"&gt;       &lt;name&gt;Ort&lt;/name&gt;     &lt;/playingEntity&gt;   &lt;/participantRole&gt; &lt;/participant&gt; </pre> |  |  |                        |



| Item                | DT     | Card    | Conf | Description   | Label       |
|---------------------|--------|---------|------|---|-------------|
| @typeCode           | CS     | 1 ... 1 | F    | DST   |             |
| h17:time            | IVL_TS | 0 ... 1 |      |   | (CDA...ion) |
| h17:participantRole |        | 1 ... 1 | R    |   | (CDA...ion) |
| └ @classCode        | CS     | 1 ... 1 | F    | SDLOC   |             |
| └ h17:id            | II     | 0 ... * |      |   | (CDA...ion) |
| └ h17:addr          | AD     | 0 ... * |      |   | (CDA...ion) |
| └ h17:telecom       | TEL    | 0 ... * |      |   | (CDA...ion) |
| Choice              |        | 0 ... 1 |      | Elements to choose from:<br><ul style="list-style-type: none"> <li>h17:playingEntity containing template 2.16.840.1.113883.10.12.313 CDA PlayingEntity (DYNAMIC)</li> </ul> |             |
| └ h17:playingEntity |        |         |      | Contains 2.16.840.1.113883.10.12.313 CDA PlayingEntity (DYNAMIC)  | (CDA...ion) |

#### 7.4.4.8 Mission Destination Location Organizer

|                       |  |                       |  |
|-----------------------|--|-----------------------|--|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.59  | <b>Effective Date</b> | 2017-06-14 11:31:05                    |
| <b>Status</b>         |  Under pre-publication review | <b>Version Label</b>  | 2017                                   |
| <b>Name</b>           | MissionDestinationLocationOrganizer  | <b>Display Name</b>   | Mission Destination Location Organizer |
| <b>Description</b>    | Mission Destination Location Organizer   |                       |  |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.59   |                       |  |
| <b>Classification</b> | CDA Entry Level Template   |                       |  |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)   |                       |  |

|                     |  |             |  |
|---------------------|--|-------------|--|
| Used by / Uses      | Used by 0 transactions and 3 templates, Uses 2 templates   |             |  |
|                     | <b>Used by</b>   | <b>as</b>   | <b>Name</b>  |
|                     | 2.16.756.5.30.1.1.10.3.7   | Containment | Mission (2017)                                     |
|                     | 2.16.756.5.30.1.1.10.1.2   |             | EmergencyMedicalServiceProtocol (2017)             |
|                     | 2.16.756.5.30.1.1.10.1.2   |             | EmergencyMedicalServiceProtocol (2017)             |
|                     | <b>Uses</b>  | <b>as</b>   | <b>Name</b>  |
|                     | 2.16.756.5.30.1.1.10.4.57  | Containment | Mission Destination Location Site Latitude (2017)  |
|                     | 2.16.756.5.30.1.1.10.4.58  | Containment | Mission Destination Location Site Longitude (2017) |
| <b>Relationship</b> | Specialization: template 2.16.840.1.113883.10.12.305 (2005-09-07)  |             |  |
| Example             | <b>Example</b>   |             |  |
|                     | <pre> &lt;organizer classCode="CLUSTER" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.59"/&gt;   &lt;statusCode code="completed"/&gt;   &lt;component&gt;     &lt;observation classCode="OBS" moodCode="EVN"&gt;       &lt;templateId root="2.16.756.5.30.1.1.10.4.57"/&gt;       &lt;code code="52002-3" displayName="Ambulance transport, Destination site latitude coordinate" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;       &lt;value xsi:type="PQ" value="46.786939" unit="deg"/&gt;     &lt;/observation&gt;   &lt;/component&gt;   &lt;component&gt;     &lt;observation classCode="OBS" moodCode="EVN"&gt;       &lt;templateId root="2.16.756.5.30.1.1.10.4.58"/&gt;       &lt;code code="52003-1" displayName="Ambulance transport, Destination site longitude coordinate" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;       &lt;value xsi:type="PQ" value="-92.098194" unit="deg"/&gt;     &lt;/observation&gt;   &lt;/component&gt; &lt;/organizer&gt; </pre> |             |  |

| Item  | DT     | Card    | Conf | Description  | Label       |
|---|--------|---------|------|--|-------------|
| hl7:organizer   |        |         |      |  | (Mis...zer) |
| └ @classCode  | CS     | 1 ... 1 | F    | CLUSTER  |             |
| └ @moodCode   | CS     | 0 ... 1 | F    | EVN  |             |
| └ hl7:templateId  | II     | 1 ... 1 | M    |  | (Mis...zer) |
| └ @root   | uid    | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.59  |             |
| └ hl7:code  | CD     | 0 ... 1 |      |  | (Mis...zer) |
| └ @codeSystem   | CONF   | 0 ... 1 | F    | 2.16.840.1.113883.5.4 (Act Code)   |             |
| └ hl7:statusCode  | CS     | 1 ... 1 | R    |  | (Mis...zer) |
| └ @code   | CONF   | 0 ... 1 | F    | COMPLETED  |             |
| └ hl7:effectiveTime   | IVL_TS | 0 ... 1 |      |  | (Mis...zer) |
| └ hl7:component   |        | 1 ... 1 |      | Contains 2.16.756.5.30.1.1.10.4.57 Mission Destination Location Site Latitude (DYNAMIC)  | (Mis...zer) |
| where [hl7:observation [hl7:code [(@code='52002-3' and @codeSystem='2.16.840.1.113883.6.1') or @nullFlavor]]] |        |         |      |  |             |
| └ hl7:component   |        | 1 ... 1 |      | Contains 2.16.756.5.30.1.1.10.4.58 Mission Destination Location Site Longitude (DYNAMIC) | (Mis...zer) |
| where [hl7:observation [hl7:code [(@code='52003-1' and @codeSystem='2.16.840.1.113883.6.1') or @nullFlavor]]] |        |         |      |  |             |

#### 7.4.4.9 Mission Destination Location Site Latitude

Id 2.16.756.5.30.1.1.10.4.57

Effective Date 2017-06-14 22:11:39

|                       |  |                      |  |
|-----------------------|--|----------------------|--|
| <b>Status</b>         | Under pre-publication review                                       | <b>Version Label</b> | 2017                                       |
| <b>Name</b>           | MissionDestinationLocationSiteLatitudeObservation                  | <b>Display Name</b>  | Mission Destination Location Site Latitude |
| <b>Description</b>    | Mission Destination Location Site Latitude Observation             |                      |  |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.57 |                      |  |
| <b>Classification</b> | CDA Entry Level Template   |                      |  |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)                     |                      |  |

Used by 0 transactions and 4 templates, Uses 0 templates

| Used by / Uses | Used by                   | as          | Name  | Version             |
|----------------|---------------------------|-------------|---|---------------------|
|                | 2.16.756.5.30.1.1.10.4.59 | Containment | Mission Destination Location Organizer (2017) | 2017-06-14 11:31:05 |
|                | 2.16.756.5.30.1.1.10.3.7  |             | Mission (2017)                                | 2017-06-12 17:01:16 |
|                | 2.16.756.5.30.1.1.10.1.2  |             | EmergencyMedicalServiceProtocol (2017)        | 2017-06-13 17:19:29 |
|                | 2.16.756.5.30.1.1.10.1.2  |             | EmergencyMedicalServiceProtocol (2017)        | 2017-05-31 17:19:29 |

**Relationship** Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

**Example**

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.57"/>
  <code code="52002-3" displayName="Ambulance transport, Destination site latitude coordinate" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/>
  <value xsi:type="PQ" value="46.786939" unit="deg"/>
</observation>
```

| Item            | DT | Card | Conf | Description | Label       |
|-----------------|----|------|------|-------------|-------------|
| hl7:observation |    |      |      |             | (Mis...ion) |

|                  |      |         |   |  |             |
|------------------|------|---------|---|--|-------------|
| └ @classCode     | cs   | 0 ... 1 | F | OBS  |             |
| └ @moodCode      | cs   | 1 ... 1 | F | EVN  |             |
| └ @negationInd   | bl   | 0 ... 1 |   |  |             |
| └ h17:templateId | II   | 1 ... 1 | M |  | (Mis...ion) |
| └ @root          | uid  | 1 ... 1 | F | 2.16.756.5.30.1.1.10.4.57  |             |
| └ h17:code       | CD   | 1 ... 1 | R |  | (Mis...ion) |
| └ @code          | CONF | 0 ... 1 | F | 52002-3  |             |
| └ @codeSystem    |      | 0 ... 1 | F | 2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes) |             |
| └ @displayName   |      | 0 ... 1 | F | Ambulance transport, Destination site latitude coordinate              |             |
| └ h17:value      | PQ   | 1 ... 1 |   |  | (Mis...ion) |
| └ @unit          | st   | 1 ... 1 | F | deg  |             |

#### 7.4.4.10 Mission Destination Location Site Longitude

|                       |  |                       |   |
|-----------------------|--|-----------------------|---|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.58  | <b>Effective Date</b> | 2017-06-14 22:55:09                         |
| <b>Status</b>         | 🟡 Under pre-publication review                                     | <b>Version Label</b>  | 2017  |
| <b>Name</b>           | MissionDestinationLocationSiteLongitudeObservation                 | <b>Display Name</b>   | Mission Destination Location Site Longitude |
| <b>Description</b>    | Mission Incident Location Site Longitude Observation               |                       |   |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.58 |                       |   |
| <b>Classification</b> | CDA Entry Level Template   |                       |   |

| <b>Open/Closed</b>       | Open (other than defined elements are allowed)  |  |   |                     |         |                           |             |   |                     |                          |  |                |                     |                          |  |  |                     |                          |  |  |                     |
|--------------------------|---|--|---|---------------------|---------|---------------------------|-------------|---|---------------------|--------------------------|--|----------------|---------------------|--------------------------|--|--|---------------------|--------------------------|--|--|---------------------|
| <b>Used by / Uses</b>    | Used by 0 transactions and 4 templates, Uses 0 templates  |  |   |                     |         |                           |             |   |                     |                          |  |                |                     |                          |  |  |                     |                          |  |  |                     |
|                          | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.4.59</td> <td>Containment</td> <td> Mission Destination Location Organizer (2017)</td> <td>2017-06-14 11:31:05</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.3.7</td> <td></td> <td> Mission (2017)</td> <td>2017-06-12 17:01:16</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> | Used by                                | as  | Name                | Version | 2.16.756.5.30.1.1.10.4.59 | Containment | Mission Destination Location Organizer (2017) | 2017-06-14 11:31:05 | 2.16.756.5.30.1.1.10.3.7 |  | Mission (2017) | 2017-06-12 17:01:16 | 2.16.756.5.30.1.1.10.1.2 |  | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 |  | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
|                          | Used by   | as                                     | Name  | Version             |         |                           |             |   |                     |                          |  |                |                     |                          |  |  |                     |                          |  |  |                     |
|                          | 2.16.756.5.30.1.1.10.4.59   | Containment                            | Mission Destination Location Organizer (2017) | 2017-06-14 11:31:05 |         |                           |             |   |                     |                          |  |                |                     |                          |  |  |                     |                          |  |  |                     |
|                          | 2.16.756.5.30.1.1.10.3.7  |  | Mission (2017)                                | 2017-06-12 17:01:16 |         |                           |             |   |                     |                          |  |                |                     |                          |  |  |                     |                          |  |  |                     |
| 2.16.756.5.30.1.1.10.1.2 |   | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29                           |                     |         |                           |             |   |                     |                          |  |                |                     |                          |  |  |                     |                          |  |  |                     |
| 2.16.756.5.30.1.1.10.1.2 |   | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29                           |                     |         |                           |             |   |                     |                          |  |                |                     |                          |  |  |                     |                          |  |  |                     |













|                     |  |
|---------------------|--|
| <b>Relationship</b> | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)  |
| <b>Example</b>      | Example  |
|                     | <pre> &lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.58"/&gt;   &lt;code code="52003-1" displayName="Ambulance transport, Destination site longitude coordinate" codeSys- tem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;   &lt;value xsi:type="PQ" value="-92.098194" unit="deg"/&gt; &lt;/observation&gt; </pre> |

| Item             | DT | Card    | Conf | Description | Label       |
|------------------|----|---------|------|-------------|-------------|
| h17:observation  |    |         |      |             | (Mis...ion) |
| └ @classCode     | CS | 0 ... 1 | F    | OBS         |             |
| └ @moodCode      | CS | 1 ... 1 | F    | EVN         |             |
| └ @negationInd   | bl | 0 ... 1 |      |             |             |
| └ h17:templateId | II | 1 ... 1 | M    |             | (Mis...ion) |

|                |      |           |  |
|----------------|------|-----------|--|
| └ @root        | uid  | 1 ... 1 F | 2.16.756.5.30.1.1.10.4.58  |
| └ h17:code     | CD   | 1 ... 1 R | (Mis...ion)  |
| └ @code        | CONF | 0 ... 1 F | 52003-1  |
| └ @codeSystem  |      | 0 ... 1 F | 2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes) |
| └ @displayName |      | 0 ... 1 F | Ambulance transport, Destination site longitude coordinate             |
| └ h17:value    | PQ   | 1 ... 1   | (Mis...ion)  |
| └ @unit        | st   | 1 ... 1 F | deg  |

### 7.4.4.11 Mission Encounter

|                       |  |                       |                     |
|-----------------------|--|-----------------------|---------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.54  | <b>Effective Date</b> | 2017-07-11 09:40:49 |
| <b>Status</b>         | 🟡 Under pre-publication review                                     | <b>Version Label</b>  | 2017                |
| <b>Name</b>           | MissionEncounter   | <b>Display Name</b>   | Mission Encounter   |
| <b>Description</b>    | Location and Destination of Mission                                |                       |                     |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.54 |                       |                     |
| <b>Classification</b> | CDA Entry Level Template   |                       |                     |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)                     |                       |                     |
| <b>Used by / Uses</b> | Used by 0 transactions and 3 templates, Uses 7 templates           |                       |                     |
|                       | <b>Used by</b>   | <b>as</b>             | <b>Name</b>         |
|                       |  |                       | <b>Version</b>      |

| 2.16.756.5.30.1.1.10.3.7    | Containment  |  Mission (2017)                         | 2017-06-12<br>17:01:16 |
|-----------------------------|--|--|------------------------|
| 2.16.756.5.30.1.1.10.1.2    |  |  EmergencyMedicalServiceProtocol (2017) | 2017-06-13<br>17:19:29 |
| 2.16.756.5.30.1.1.10.1.2    |  |  EmergencyMedicalServiceProtocol (2017) | 2017-05-31<br>17:19:29 |
| Uses                        | as   | Name   | Version                |
| 2.16.840.1.113883.10.12.320 | Containment  |  CDA Subject (Body)                     | DYNAMIC                |
| 2.16.840.1.113883.10.12.322 | Containment  |  CDA Specimen                           | DYNAMIC                |
| 2.16.840.1.113883.10.12.323 | Containment  |  CDA Performer (Body)                   | DYNAMIC                |
| 2.16.840.1.113883.10.12.318 | Containment  |  CDA Author (Body)                      | DYNAMIC                |
| 2.16.840.1.113883.10.12.319 | Containment  |  CDA Informant (Body)                   | DYNAMIC                |
| 2.16.756.5.30.1.1.10.4.55   | Containment  |  Mission Incident Location (2017)       | DYNAMIC                |
| 2.16.756.5.30.1.1.10.4.56   | Containment  |  Mission Destination Location (2017)    | DYNAMIC                |

## Relationship

Specialization: template 2.16.840.1.113883.10.12.302 (2005-09-07)

## Example

## Example

```

<!-- cdachresp-dataelement-79 -->
<encounter classCode="ENC" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.54"/>
  <templateId root="2.16.840.1.113883.10.12.302"/>
  <!-- dachresp-dataelement-25 -->
  <participant typeCode="LOC">
    <participantRole classCode="SDLOC">
      <!-- cdachresp-dataelement-175 Einsatzort Postadresse (eCH-0010) -->
      <addr>
        <city>Zürich</city>
      </addr>
      <playingEntity classCode="ENT">
        <name>Waldrand</name>
      </playingEntity>
    </participantRole>
  </participant>

```



```








<!-- Id cdachresp-dataelement-103 -->
<participant typeCode="DST">
  <participantRole classCode="SDLOC">
    <!-- cdachresp-dataelement-222 -->
    <id root="2.51.1.3" extension="7601002155939"/>
    <!-- cdachresp-dataelement-174 -->
    <addr>
      <streetAddressLine>Rämistrasse 100</streetAddressLine>
      <city>Zürich</city>
      <postalCode>8091</postalCode>
    </addr>
    <playingEntity classCode="ENT">
      <name>Universitätsspital Zürich, Notfall</name>
    </playingEntity>
  </participantRole>
</participant>
</encounter>

```

| Item             | DT  | Card    | Conf | Description   | Label       |
|------------------|-----|---------|------|---|-------------|
| h17:encounter    |     |         |      |   | (Mis...ter) |
| └ @classCode     | CS  | 0 ... 1 | F    | ENC   |             |
| └ @moodCode      | CS  | 1 ... 1 | R    |   |             |
|                  |     |         | CONF | The value of @moodCode shall be drawn from value set 2.16.840.1.113883.1.11.19459 x_DocumentEncounterMood (DYNAMIC) |             |
| └ h17:templateId | II  | 1 ... 1 | M    |   | (Mis...ter) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.54   |             |
| └ h17:templateId | II  | 1 ... 1 | R    |   | (Mis...ter) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.840.1.113883.10.12.302   |             |
| └ h17:id         | II  | 0 ... * |      |   | (Mis...ter) |

|                                  |        |   |  |             |
|----------------------------------|--------|---|--|-------------|
| └ h17:code                       | CD     | 0 ... 1   |  | (Mis...ter) |
|                                  | CONF   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 <i>ActEncounterCode</i> (DYNAMIC) |  |             |
| └ h17:text                       | ED     | 0 ... 1   |  | (Mis...ter) |
| └ h17:statusCode                 | CS     | 0 ... 1   |  | (Mis...ter) |
|                                  | CONF   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.15933 <i>ActStatus</i> (DYNAMIC)        |  |             |
| └ h17:effectiveTime              | IVL_TS | 0 ... 1   |  | (Mis...ter) |
| └ h17:priorityCode               | CE     | 0 ... 1   |  | (Mis...ter) |
|                                  | CONF   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16866 <i>ActPriority</i> (DYNAMIC)      |  |             |
| └ h17:subject                    |        | 0 ... 1   | Contains 2.16.840.1.113883.10.12.320 <i>CDA Subject (Body)</i> (DYNAMIC)         | (Mis...ter) |
| └ h17:specimen                   |        | 0 ... *   | Contains 2.16.840.1.113883.10.12.322 <i>CDA Specimen</i> (DYNAMIC)               | (Mis...ter) |
| └ h17:performer                  |        | 0 ... *   | Contains 2.16.840.1.113883.10.12.323 <i>CDA Performer (Body)</i> (DYNAMIC)       | (Mis...ter) |
| └ h17:author                     |        | 0 ... *   | Contains 2.16.840.1.113883.10.12.318 <i>CDA Author (Body)</i> (DYNAMIC)          | (Mis...ter) |
| └ h17:informant                  |        | 0 ... *   | Contains 2.16.840.1.113883.10.12.319 <i>CDA Informant (Body)</i> (DYNAMIC)       | (Mis...ter) |
| └ h17:participant                |        | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.55 <i>Mission Incident Location</i> (DYNAMIC)    | (Mis...ter) |
| where [ <i>@typeCode</i> ='LOC'] |        |   |  |             |
| └ h17:participant                |        | 0 ... 1   | Contains 2.16.756.5.30.1.1.10.4.56 <i>Mission Destination Location</i> (DYNAMIC) | (Mis...ter) |
| where [ <i>@typeCode</i> ='DST'] |        |   |  |             |

## 7.4.4.12 Mission Incident Location

|                             |  |   |  |
|-----------------------------|--|---|--|
| <b>Id</b>                   | 2.16.756.5.30.1.1.10.4.55  | <b>Effective Date</b>   | 2017-07-11 15:36:25  |
| <b>Status</b>               |  Under pre-publication review   | <b>Version Label</b>  | 2017   |
| <b>Name</b>                 | CDAParticipantMissionIncidentLocation  | <b>Display Name</b>   | Mission Incident Location  |
| <b>Description</b>          | Mission Incident Location  |   |  |
| <b>Classification</b>       | CDA Entry Level Template   |   |  |
| <b>Open/Closed</b>          | Open (other than defined elements are allowed)   |   |  |
| <b>Used by / Uses</b>       | Used by 0 transactions and 4 templates, Uses 1 template  |   |  |
|                             | <b>Used by</b>   | <b>as</b>   | <b>Name</b>  |
|                             | 2.16.756.5.30.1.1.10.4.54  | Containment  | Mission Encounter (2017)   |
|                             | 2.16.756.5.30.1.1.10.3.7   |               | Mission (2017)   |
|                             | 2.16.756.5.30.1.1.10.1.2   |               | EmergencyMedicalServiceProtocol (2017)   |
|                             | 2.16.756.5.30.1.1.10.1.2   |               |  EmergencyMedicalServiceProtocol (2017) |
| <b>Uses</b>                 | <b>as</b>  | <b>Name</b>   | <b>Version</b>   |
| 2.16.840.1.113883.10.12.313 | Containment    | CDA PlayingEntity   | DYNAMIC  |
| <b>Relationship</b>         | Specialization: template 2.16.840.1.113883.10.12.321 (2005-09-07)  |   |  |
| <b>Example</b>              | <b>Example</b>   |   |  |
|                             | <pre> &lt;participant typeCode="LOC"&gt;   &lt;participantRole classCode="SDLOC"&gt;     &lt;addr&gt;       &lt;streetAddressLine&gt;Srasse&lt;/streetAddressLine&gt;       &lt;city&gt;Stadt&lt;/city&gt;       &lt;state&gt;State&lt;/state&gt;     &lt;/addr&gt;   &lt;/participantRole&gt; &lt;/participant&gt; </pre> |   |  |

```

    <postalCode>PLZ</postalCode>
    <country>Land</country>
  </addr>
  <playingEntity classCode="PLC">
    <name>Ort</name>
  </playingEntity>
</participantRole>
</participant>

```

| Item                | DT     | Card    | Conf | Description  | Label       |
|---------------------|--------|---------|------|--|-------------|
| @typeCode           | cs     | 1 ... 1 | F    | LOC  |             |
| h17:time            | IVL_TS | 0 ... 1 |      |  | (CDA...ion) |
| h17:participantRole |        | 1 ... 1 | R    |  | (CDA...ion) |
| └ @classCode        | cs     | 1 ... 1 | F    | SDLOC  |             |
| └ h17:addr          | AD     | 0 ... * |      |  | (CDA...ion) |
| └ h17:telecom       | TEL    | 0 ... * |      |  | (CDA...ion) |
| Choice              |        | 0 ... 1 |      | Elements to choose from: <ul style="list-style-type: none"> <li>h17:playingEntity containing template 2.16.840.1.113883.10.12.313 CDA PlayingEntity (DYNAMIC)</li> </ul> |             |
| └ h17:playingEntity |        |         |      | Contains 2.16.840.1.113883.10.12.313 CDA PlayingEntity (DYNAMIC)   | (CDA...ion) |

### 7.4.4.13 Mission Incident Location Organizer

|               |                                  |                       |                                     |
|---------------|----------------------------------|-----------------------|-------------------------------------|
| <b>Id</b>     | 2.16.756.5.30.1.1.10.4.30        | <b>Effective Date</b> | 2017-06-14 11:31:05                 |
| <b>Status</b> | ● Under pre-publication review   | <b>Version Label</b>  | 2017                                |
| <b>Name</b>   | MissionIncidentLocationOrganizer | <b>Display Name</b>   | Mission Incident Location Organizer |

| <b>Description</b>   | Mission Incident Location Organizer  |   |  |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
|--|--|---|--|---------------------|---------------------------|--------------------------|--|----------------|---------------------------|--------------------------|---|--|---------------------|--------------------------|--|--|---------------------|
| <b>Context</b>   | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.30   |   |  |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| <b>Classification</b>  | CDA Entry Level Template   |   |  |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| <b>Open/Closed</b>   | Open (other than defined elements are allowed)   |   |  |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| <b>Used by / Uses</b>  | Used by 0 transactions and 3 templates, Uses 2 templates   |   |  |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
|  | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.3.7</td> <td>Containment</td> <td> Mission (2017)</td> <td>2017-06-12 17:01:16</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table>   | Used by   | as                                     | Name                | Version                   | 2.16.756.5.30.1.1.10.3.7 | Containment                                    | Mission (2017) | 2017-06-12 17:01:16       | 2.16.756.5.30.1.1.10.1.2 |   | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 |  | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
|  | Used by  | as  | Name                                   | Version             |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
|  | 2.16.756.5.30.1.1.10.3.7   | Containment                                     | Mission (2017)                         | 2017-06-12 17:01:16 |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
|  | 2.16.756.5.30.1.1.10.1.2   |   | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| 2.16.756.5.30.1.1.10.1.2   |  | EmergencyMedicalServiceProtocol (2017)          | 2017-05-31 17:19:29                    |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| <table border="1"> <thead> <tr> <th>Uses</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.4.31</td> <td>Containment</td> <td> Mission Incident Location Site Latitude (2017)</td> <td>DYNAMIC</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.4.32</td> <td>Containment</td> <td> Mission Incident Location Site Longitude (2017)</td> <td>DYNAMIC</td> </tr> </tbody> </table> | Uses   | as  | Name                                   | Version             | 2.16.756.5.30.1.1.10.4.31 | Containment              | Mission Incident Location Site Latitude (2017) | DYNAMIC        | 2.16.756.5.30.1.1.10.4.32 | Containment              | Mission Incident Location Site Longitude (2017) | DYNAMIC                                |                     |                          |  |  |                     |
| Uses   | as   | Name  | Version                                |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| 2.16.756.5.30.1.1.10.4.31  | Containment  | Mission Incident Location Site Latitude (2017)  | DYNAMIC                                |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| 2.16.756.5.30.1.1.10.4.32  | Containment  | Mission Incident Location Site Longitude (2017) | DYNAMIC                                |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| <b>Relationship</b>  | Specialization: template 2.16.840.1.113883.10.12.305 (2005-09-07)  |   |  |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |
| <b>Example</b>   | <p><b>Example</b></p> <pre>&lt;organizer classCode="CLUSTER" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.30"/&gt;   &lt;statusCode code="completed"/&gt;   &lt;component&gt;     &lt;observation classCode="OBS" moodCode="EVN"&gt;       &lt;templateId root="2.16.756.5.30.1.1.10.4.31"/&gt;       &lt;code code="52000-7" displayName="Ambulance transport, Origination site latitude" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;       &lt;value xsi:type="PQ" value="46.786939" unit="deg"/&gt;     &lt;/observation&gt;   &lt;/component&gt;   &lt;component&gt;     &lt;observation classCode="OBS" moodCode="EVN"&gt;       &lt;templateId root="2.16.756.5.30.1.1.10.4.32"/&gt;       &lt;code code="52001-5" displayName="Ambulance transport, Origination site longitude" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;       &lt;value xsi:type="PQ" value="-92.098194" unit="deg"/&gt;     &lt;/observation&gt;   &lt;/component&gt; &lt;/organizer&gt;</pre> |   |  |                     |                           |                          |  |                |                           |                          |   |  |                     |                          |  |  |                     |









```

</component>
</organizer>

```


| Item  | DT     | Card    | Conf | Description  | Label       |
|---|--------|---------|------|--|-------------|
| h17:organizer   |        |         |      |  | (Mis...zer) |
| └ @classCode  | CS     | 1 ... 1 | F    | CLUSTER  |             |
| └ @moodCode   | CS     | 0 ... 1 | F    | EVN  |             |
| └ h17:templateId  | II     | 1 ... 1 | M    |  | (Mis...zer) |
| └└ @root  | uid    | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.30  |             |
| └ h17:code  | CD     | 0 ... 1 |      |  | (Mis...zer) |
| └└ @codeSystem  | CONF   | 0 ... 1 | F    | 2.16.840.1.113883.5.4 (Act Code)   |             |
| └ h17:statusCode  | CS     | 1 ... 1 | R    |  | (Mis...zer) |
| └└ @code  | CONF   | 0 ... 1 | F    | completed  |             |
| └ h17:effectiveTime   | IVL_TS | 0 ... 1 |      |  | (Mis...zer) |
| └ h17:component   |        | 1 ... 1 |      | Contains 2.16.756.5.30.1.1.10.4.31 <i>Mission Incident Location Site Latitude</i> (DYNAMIC)  | (Mis...zer) |
| where [h17:observation [h17:code [(@code='52000-7' and @codeSystem='2.16.840.1.113883.6.1') or @nullFlavor]]] |        |         |      |  |             |
| └ h17:component   |        | 1 ... 1 |      | Contains 2.16.756.5.30.1.1.10.4.32 <i>Mission Incident Location Site Longitude</i> (DYNAMIC) | (Mis...zer) |
| where [h17:observation [h17:code [(@code='52001-5' and @codeSystem='2.16.840.1.113883.6.1') or @nullFlavor]]] |        |         |      |  |             |

## 7.4.4.14 Mission Incident Location Site Latitude

|                          |   |  |  |
|--------------------------|---|--|--|
| <b>Id</b>                | 2.16.756.5.30.1.1.10.4.31   | <b>Effective Date</b>  | 2017-06-14 22:11:39  |
| <b>Status</b>            |  Under pre-publication review  | <b>Version Label</b>   | 2017   |
| <b>Name</b>              | MissionIncidentLocationSiteLatitudeObservation  | <b>Display Name</b>  | Mission Incident Location Site Latitude  |
| <b>Description</b>       | Mission Incident Location Site Latitude Observation   |  |  |
| <b>Context</b>           | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.31  |  |  |
| <b>Classification</b>    | CDA Entry Level Template  |  |  |
| <b>Open/Closed</b>       | Open (other than defined elements are allowed)  |  |  |
| <b>Used by / Uses</b>    | Used by 0 transactions and 4 templates, Uses 0 templates  |  |  |
|                          | <b>Used by</b>  | <b>as</b>  | <b>Name</b>  |
|                          | 2.16.756.5.30.1.1.10.4.30   | Containment  |  Mission Incident Location Organizer (2017) |
|                          | 2.16.756.5.30.1.1.10.3.7  |   |  Mission (2017)                             |
|                          | 2.16.756.5.30.1.1.10.1.2  |   |  EmergencyMedicalServiceProtocol (2017)     |
| 2.16.756.5.30.1.1.10.1.2 |    |  EmergencyMedicalServiceProtocol (2017) |  |
| <b>Relationship</b>      | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)   |  |  |
| <b>Example</b>           | <p><b>Example</b></p> <pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.31"/&gt;   &lt;code code="52000-7" displayName="Ambulance transport, Origination site latitude" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;   &lt;value xsi:type="PQ" value="46.786939" unit="deg"/&gt; &lt;/observation&gt;</pre> |  |  |

| Item             | DT   | Card    | Conf | Description  | Label       |
|------------------|------|---------|------|--|-------------|
| h17:observation  |      |         |      |  | (Mis...ion) |
| └ @classCode     | CS   | 0 ... 1 | F    | OBS  |             |
| └ @moodCode      | CS   | 1 ... 1 | F    | EVN  |             |
| └ @negationInd   | bl   | 0 ... 1 |      |  |             |
| └ h17:templateId | II   | 1 ... 1 | M    |  | (Mis...ion) |
| └ @root          | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.31  |             |
| └ h17:code       | CD   | 1 ... 1 | R    |  | (Mis...ion) |
| └ @code          |      | 0 ... 1 | F    | 52000-7  |             |
| └ @codeSystem    | CONF | 0 ... 1 | F    | 2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes) |             |
| └ @displayName   |      | 0 ... 1 | F    | Ambulance transport, Origination site latitude                         |             |
| └ h17:value      | PQ   | 1 ... 1 |      |  | (Mis...ion) |
| └ @unit          | st   | 1 ... 1 | F    | deg  |             |

#### 7.4.4.15 Mission Incident Location Site Longitude

|                    |  |                       |  |
|--------------------|--|-----------------------|--|
| <b>Id</b>          | 2.16.756.5.30.1.1.10.4.32  | <b>Effective Date</b> | 2017-06-14 22:55:09                      |
| <b>Status</b>      |  Under pre-publication review | <b>Version Label</b>  | 2017                                     |
| <b>Name</b>        | MissionIncidentLocationSiteLongitudeObservation  | <b>Display Name</b>   | Mission Incident Location Site Longitude |
| <b>Description</b> | Mission Incident Location Site Longitude Observation   |                       |  |

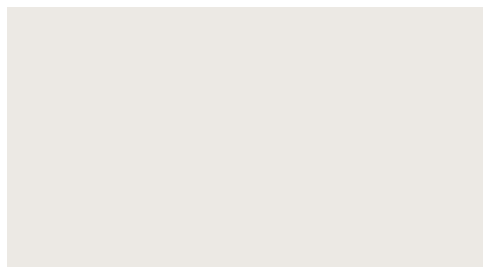







| <b>Context</b>   | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.32   |  |                     |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
|--|--|--|---------------------|-------------|-------------|---------------------------|-------------|--|---------------------|--------------------------|--|----------------|---------------------|--------------------------|----|--|---------------------|--------------------------|--|--|---------------------|---------|---|-----|--|----------------|----|---------|--|--|--|
| <b>Classification</b>  | CDA Entry Level Template   |  |                     |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| <b>Open/Closed</b>   | Open (other than defined elements are allowed)   |  |                     |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| <b>Used by / Uses</b>  | Used by 0 transactions and 4 templates, Uses 0 templates   |  |                     |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
|  | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.4.30</td> <td>Containment</td> <td> Mission Incident Location Organizer (2017)</td> <td>2017-06-14 11:31:05</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.3.7</td> <td></td> <td> Mission (2017)</td> <td>2017-06-12 17:01:16</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> | Used by                                    | as                  | Name        | Version     | 2.16.756.5.30.1.1.10.4.30 | Containment | Mission Incident Location Organizer (2017) | 2017-06-14 11:31:05 | 2.16.756.5.30.1.1.10.3.7 |  | Mission (2017) | 2017-06-12 17:01:16 | 2.16.756.5.30.1.1.10.1.2 |    | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 |  | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |         |   |     |  |                |    |         |  |  |  |
| Used by  | as   | Name                                       | Version             |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| 2.16.756.5.30.1.1.10.4.30  | Containment  | Mission Incident Location Organizer (2017) | 2017-06-14 11:31:05 |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| 2.16.756.5.30.1.1.10.3.7   |  | Mission (2017)                             | 2017-06-12 17:01:16 |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| 2.16.756.5.30.1.1.10.1.2   |  | EmergencyMedicalServiceProtocol (2017)     | 2017-06-13 17:19:29 |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| 2.16.756.5.30.1.1.10.1.2   |  | EmergencyMedicalServiceProtocol (2017)     | 2017-05-31 17:19:29 |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| <b>Relationship</b>  | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)  |  |                     |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| <b>Example</b>   | <p>Example</p> <pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.32"/&gt;   &lt;code code="52001-5" displayName="Ambulance transport, Origination site longitude" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"/&gt;   &lt;value xsi:type="PQ" value="-92.098194" unit="deg"/&gt; &lt;/observation&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:observation</td> <td></td> <td></td> <td></td> <td></td> <td>(Mis...ion)</td> </tr> <tr> <td>└ @classCode</td> <td>cs</td> <td>0 ... 1</td> <td>F</td> <td>OBS</td> <td></td> </tr> <tr> <td>└ @moodCode</td> <td>cs</td> <td>1 ... 1</td> <td>F</td> <td>EVN</td> <td></td> </tr> <tr> <td>└ @negationInd</td> <td>bl</td> <td>0 ... 1</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |  | Item                                       | DT                  | Card        | Conf        | Description               | Label       | h17:observation                            |                     |                          |  |                | (Mis...ion)         | └ @classCode             | cs | 0 ... 1                                | F                   | OBS                      |  | └ @moodCode                            | cs                  | 1 ... 1 | F | EVN |  | └ @negationInd | bl | 0 ... 1 |  |  |  |
| Item   | DT   | Card                                       | Conf                | Description | Label       |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| h17:observation  |  |  |                     |             | (Mis...ion) |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| └ @classCode   | cs   | 0 ... 1                                    | F                   | OBS         |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| └ @moodCode  | cs   | 1 ... 1                                    | F                   | EVN         |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |
| └ @negationInd   | bl   | 0 ... 1                                    |                     |             |             |                           |             |  |                     |                          |  |                |                     |                          |    |  |                     |                          |  |  |                     |         |   |     |  |                |    |         |  |  |  |

|                  |      |           |  |             |
|------------------|------|-----------|--|-------------|
| └ h17:templateId | II   | 1 ... 1 M |  | (Mis...ion) |
| └ @root          | uid  | 1 ... 1 F | 2.16.756.5.30.1.1.10.4.32  |             |
| └ h17:code       | CD   | 1 ... 1 R |  | (Mis...ion) |
| └ @code          | CONF | 0 ... 1 F | 52001-5  |             |
| └ @codeSystem    |      | 0 ... 1 F | 2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes) |             |
| └ @displayName   |      | 0 ... 1 F | Ambulance transport, Origination site longitude                        |             |
| └ h17:value      | PQ   | 1 ... 1   |  | (Mis...ion) |
| └ @unit          | st   | 1 ... 1 F | deg  |             |

### 7.4.4.16 Mission Time Status

|                       |  |                       |                     |
|-----------------------|--|-----------------------|---------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.60  | <b>Effective Date</b> | 2017-07-11 17:54:00 |
| <b>Status</b>         | ● Under pre-publication review                                     | <b>Version Label</b>  | 2017                |
| <b>Name</b>           | MissionTimeStatusObservation                                       | <b>Display Name</b>   | Mission Time Status |
| <b>Description</b>    | Mission Time Status  |                       |                     |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.60 |                       |                     |
| <b>Classification</b> | CDA Entry Level Template   |                       |                     |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)                     |                       |                     |
| <b>Used by / Uses</b> | Used by 0 transactions and 3 templates, Uses 0 templates           |                       |                     |
|                       | <b>Used by</b>   | <b>as</b>             | <b>Name</b>         |



- 2.16.756.5.30.1.1.10.3.7 Containment  Mission (2017) 2017-06-12 17:01:16
- 2.16.756.5.30.1.1.10.1.2   EmergencyMedicalServiceProtocol (2017) 2017-06-13 17:19:29
- 2.16.756.5.30.1.1.10.1.2   EmergencyMedicalServiceProtocol (2017) 2017-05-31 17:19:29

**Relationship**

Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

**Example**

**Example**

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.60"/>
  <!-- cdachresp-dataelement-278 : Bedeutung der Statuszeit -->
  <code code="1000033" codeSystem="2.16.756.5.30.1.143.5.1" codeSystemName="IVR Codesystem RESP" displayName="alarm"/>
  <text>
    <reference value="#alarm"/>
  </text>
  <!-- cdachresp-dataelement-286 Statuszeit -->
  <value xsi:type="TS" value="20161210110900.0000+0100"/>
</observation>
```

| Item             | DT  | Card    | Conf | Description               | Label       |
|------------------|-----|---------|------|---------------------------|-------------|
| h17:observation  |     |         |      |                           | (Mis...ion) |
| └ @classCode     | cs  | 0 ... 1 | F    | OBS                       |             |
| └ @moodCode      | cs  | 1 ... 1 | F    | EVN                       |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                           | (Mis...ion) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.60 |             |
| └ h17:id         | II  | 0 ... * |      |                           | (Mis...ion) |

|                  |      |   |             |
|------------------|------|---|-------------|
| └ h17:code       | CD   | 1 ... 1 R   | (Mis...ion) |
|                  | CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.22 <i>IVR valueset role mission time (.143.11.10)</i> (DYNAMIC) |             |
| └ h17:text       | ED   | 0 ... 1   | (Mis...ion) |
| └ h17:statusCode | CS   | 0 ... 1   | (Mis...ion) |
|                  | CONF | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.15933 <i>ActStatus</i> (DYNAMIC)                              |             |
| └ h17:value      | TS   | 0 ... *   | (Mis...ion) |

### 7.4.4.17 Observation Airways

| <b>Id</b>                 | 2.16.756.5.30.1.1.10.4.82   | <b>Effective Date</b>                    | 2017-12-01 10:13:16 |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
|---------------------------|---|--|---------------------|------|---------|---------------------------|-------------|-------------------|---------------------|--------------------------|---|--|---------------------|--------------------------|---|--|---------------------|--|--|
| <b>Status</b>             | 🟡 Under pre-publication review  | <b>Version Label</b>                     | 2017                |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Name</b>               | ObservationAirways  | <b>Display Name</b>                      | Observation Airways |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Description</b>        | Record the findings of the airways  |  |                     |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Classification</b>     | CDA Entry Level Template  |  |                     |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)  |  |                     |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
|                           | Used by 0 transactions and 3 templates, Uses 1 template   |  |                     |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| <b>Used by / Uses</b>     | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.3.14</td> <td>Containment</td> <td>🟡 Findings (2017)</td> <td>2017-09-08 10:23:39</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td>🔗</td> <td>🟡 EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td>🔗</td> <td>🟡 EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> | Used by                                  | as                  | Name | Version | 2.16.756.5.30.1.1.10.3.14 | Containment | 🟡 Findings (2017) | 2017-09-08 10:23:39 | 2.16.756.5.30.1.1.10.1.2 | 🔗 | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 | 🔗 | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |  |  |
| Used by                   | as  | Name                                     | Version             |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.3.14 | Containment   | 🟡 Findings (2017)                        | 2017-09-08 10:23:39 |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2  | 🔗   | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |
| 2.16.756.5.30.1.1.10.1.2  | 🔗   | 🟡 EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |      |         |                           |             |                   |                     |                          |   |  |                     |                          |   |  |                     |  |  |

| Uses                      | as      | Name  | Version |
|---------------------------|---------|---|---------|
| 2.16.756.5.30.1.1.10.9.14 | Include |  Narrative Text Reference (2017) | DYNAMIC |

**Relationship**

Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

**Example**

**Example**

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.82"/>
  <code code="301252002" codeSystem="2.16.840.1.113883.6.96" displayName="Finding of respiratory obstruction" codeSystemName="SNOMED CT"/>
  <text>
    <reference value="#airways"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime>
    <low value="20161210112500.0000+0100"/>
  </effectiveTime>
  <value xsi:type="CD" code="23875004" codeSystem="2.16.840.1.113883.6.96" displayName="No pathologic finding"/>
</observation>
```

| Item             | DT  | Card    | Conf | Description   | Label       |
|------------------|-----|---------|------|---|-------------|
| h17:observation  |     |         |      |   | (Obs...ays) |
| └ @classCode     | CS  | 1 ... 1 | F    | OBS   |             |
| └ @moodCode      | CS  | 1 ... 1 | F    | EVN   |             |
| └ h17:templateId | II  | 1 ... 1 | M    |   | (Obs...ays) |
| └└ @root         | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.82                           |             |
| └ h17:id         | II  | 0 ... 1 |      | An ID for this item may be filled for traceability. | (Obs...ays) |

|                     |                   |         |         |  |   |
|---------------------|-------------------|---------|---------|--|---|
| └ h17:code          | CD                | 1 ... 1 | M       |  | (Obs...ays)                                   |
| └ @code             | CONF              | 1 ... 1 | F       | 301252002  |   |
| └ @codeSystem       |                   | 1 ... 1 | F       | 2.16.840.1.113883.6.96 (SNOMED Clinical Terms)   |   |
| └ @displayName      |                   | 1 ... 1 | F       | Finding of respiratory obstruction   |   |
| Included            |                   | 1 ... 1 |         | from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC)<br>The reference to the text in the narrative section of the section MUST be specified. |   |
| └ 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,'#')                   |
|                     | 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"/>').             |   |
| └ h17:statusCode    | CS                | 1 ... 1 | M       |  | (Obs...ays)                                   |
| └ @code             | CONF              | 1 ... 1 | F       | completed  |   |
| └ h17:effectiveTime | IVL_TS.CH.TZ      | 0 ... 1 |         |  | (Obs...ays)                                   |

|           |      |   |   |             |
|-----------|------|---|---|-------------|
| h17:value | CD   | 1 ... 1   | R | (Obs...ays) |
|           | CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.42 <i>IVR valueset findings airway (.143.11.39)</i> (DYNAMIC) |   |             |

### 7.4.4.18 Observation Cardiac Arrest

|                           |   |                                   |  |
|---------------------------|---|-----------------------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.4.80   | <b>Effective Date</b>             | 2017-12-01 10:42:08                      |
| <b>Status</b>             | ● Under pre-publication review                                    | <b>Version Label</b>              | 2017                                     |
| <b>Name</b>               | ObservationCardiacArrest  | <b>Display Name</b>               | Observation Cardiac Arrest               |
| <b>Description</b>        | Record a cardiac arrest   |                                   |  |
| <b>Classification</b>     | CDA Entry Level Template  |                                   |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)                    |                                   |  |
| <b>Used by / Uses</b>     | Used by 0 transactions and 3 templates, Uses 1 template           |                                   |  |
|                           | <b>Used by</b>  | <b>as</b>                         | <b>Name</b>                              |
|                           | 2.16.756.5.30.1.1.10.3.14   | Containment                       | ● Findings (2017)                        |
|                           | 2.16.756.5.30.1.1.10.1.2  | 🔗                                 | ● EmergencyMedicalServiceProtocol (2017) |
|                           | 2.16.756.5.30.1.1.10.1.2  | 🔗                                 | ⊕ EmergencyMedicalServiceProtocol (2017) |
| <b>Uses</b>               | <b>as</b>   | <b>Name</b>                       |  |
| 2.16.756.5.30.1.1.10.9.14 | Include   | ● Narrative Text Reference (2017) |  |
| <b>Relationship</b>       | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07) |                                   |  |

Example

Example








```
<cda:observation classCode="OBS" moodCode="EVN">
  <cda:templateId root="2.16.756.5.30.1.1.10.4.80"/>
  <cda:code code="410429000" codeSystem="2.16.840.1.113883.6.96" displayName="Cardiac arrest" codeSystemName="SNOMED CT"/>
  <cda:text>
    <cda:reference value="#cardiacarrest"/>
  </cda:text>
  <cda:statusCode code="completed"/>
  <cda:effectiveTime>
    <cda:low value="20171201102235"/>
  </cda:effectiveTime>
  <cda:value xsi:type="BL" value="true"/>
</cda:observation>
```

| Item             | DT   | Card    | Conf | Description   | Label       |
|------------------|------|---------|------|---|-------------|
| h17:observation  |      |         |      |   | (Obs...est) |
| └ @classCode     | CS   | 1 ... 1 | F    | OBS   |             |
| └ @moodCode      | CS   | 1 ... 1 | F    | EVN   |             |
| └ h17:templateId | II   | 1 ... 1 | M    |   | (Obs...est) |
| └└ @root         | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.80                           |             |
| └ h17:id         | II   | 0 ... 1 |      | An ID for this item may be filled for traceability. | (Obs...est) |
| └ h17:code       | CD   | 1 ... 1 | M    |   | (Obs...est) |
| └└ @code         | CONF | 1 ... 1 | F    | 410429000   |             |
| └└ @codeSystem   |      | 1 ... 1 | F    | 2.16.840.1.113883.6.96 (SNOMED Clinical Terms)      |             |
| └└ @displayName  |      | 1 ... 1 | F    | Cardiac arrest                                      |             |



|                     |                   |         |         |  |  |
|---------------------|-------------------|---------|---------|--|--|
| └ @codeSystemName   |                   | 1 ... 1 | F       | SNOMED CT  |  |
| Included            |                   | 1 ... 1 |         | from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC)<br>The reference to the text in the narrative section of the section MUST be specified. |  |
| └ 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,'#')                    |
|                     | 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"/>').             |  |
| └ h17:statusCode    | CS                | 1 ... 1 | M       |  | (Obs...est)                                    |
| └ @code             | CONF              | 1 ... 1 | F       | completed  |  |
| └ h17:effectiveTime | IVL_TS.CH.TZ      | 0 ... 1 |         |  | (Obs...est)                                    |
| └ h17:value         | BL                | 1 ... 1 | R       |  | (Obs...est)                                    |

## 7.4.4.19 Patient Condition Change

|                           |   |   |   |
|---------------------------|---|---|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.4.65   | <b>Effective Date</b>   | 2017-09-12 15:04:22<br>Other versions this id: <ul style="list-style-type: none"> <li>▪ PatientStatusObservation as of 2017-09-12 14:58:49</li> <li>▪ PatientStatusObservation as of 2017-09-12 14:56:38</li> <li>▪ PatientStatusObservation as of 2017-09-12 14:47:03</li> </ul> |
| <b>Status</b>             |  Under pre-publication review  | <b>Version Label</b>  | 2017  |
| <b>Name</b>               | PatientConditionChangeObservation   | <b>Display Name</b>   | Patient Condition Change  |
| <b>Description</b>        | Patient Status  |   |   |
| <b>Classification</b>     | CDA Entry Level Template  |   |   |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)  |   |   |
| <b>Used by / Uses</b>     | Used by 0 transactions and 3 templates, Uses 1 template   |   |   |
|                           | <b>Used by</b>  | <b>as</b>   | <b>Name</b>   |
|                           | 2.16.756.5.30.1.1.10.3.15   | Containment   |  Handover (2017)   |
|                           | 2.16.756.5.30.1.1.10.1.2  |                                      |  EmergencyMedicalServiceProtocol (2017)  |
|                           | 2.16.756.5.30.1.1.10.1.2  |                                      |  EmergencyMedicalServiceProtocol (2017)  |
| <b>Uses</b>               | <b>as</b>   | <b>Name</b>   |   |
| 2.16.756.5.30.1.1.10.9.14 | Include   |  Narrative Text Reference (2017) |   |
| <b>Relationship</b>       | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)   |   |   |
| <b>Example</b>            | <p><b>Example</b></p> <pre>&lt;observation classCode="OBS" moodCode="EVN"&gt;   &lt;templateId root="2.16.756.5.30.1.1.10.4.65"/&gt;   &lt;code code="75527-2" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Vital status at discharge"/&gt;</pre> |   |   |

```

<text>
  <reference value="#statusdischarge"/>
</text>
<value xsi:type="CD" code="385425000" codeSystem="2.16.840.1.113883.6.96" displayName="Improved"/>
</observation>













```

| Item             | DT   | Card    | Conf | Description  | Label        |
|------------------|------|---------|------|--|--------------|
| h17:observation  |      |         |      |  | (Pat...ion)  |
| └ @classCode     | CS   | 1 ... 1 | F    | OBS  |              |
| └ @moodCode      | CS   | 1 ... 1 | F    | EVN  |              |
| └ h17:templateId | II   | 1 ... 1 | M    |  | (Pat...ion)  |
| └ @root          | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.65  |              |
| └ h17:id         | II   | 0 ... 1 |      | An ID for this item may be filled for traceability.  | (Pat...ion)  |
| └ h17:code       | CD   | 1 ... 1 | M    |  | (Pat...ion)  |
| └ @code          | CONF | 1 ... 1 | F    | 75527-2  |              |
| └ @codeSystem    |      | 1 ... 1 | F    | 2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes)   |              |
| └ @displayName   |      | 1 ... 1 | F    | Vital status at discharge  |              |
| Included         |      | 1 ... 1 |      | from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC)<br>The reference to the text in the narrative section of the section MUST be specified. |              |
| └ h17:text       | ED   | 1 ... 1 | M    |  | CDA-CH<br>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<br>V2 |

|                     |                   |   |  |  |
|---------------------|-------------------|---|--|--|
| └ @value            |                   | 1 ... 1   | R  | Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element. |
|                     | Schematron assert | role  | error  |  |
|                     |                   | test  | starts-with(@value,'#')  |  |
|                     |                   | Message   | The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.                         |  |
|                     | Variable let      | Name  | idvalue  |  |
|                     |                   | Value   | substring-after(@value,'#')  |  |
|                     | Schematron assert | role  | error  |  |
|                     |                   | test  | ancestor::hl7:structuredBody/*[@ID=\$idvalue]  |  |
|                     |                   | Message   | No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>'). |  |
| └ hl7:statusCode    | CS                | 1 ... 1   | M  | (Pat...ion)  |
| └ @code             | CONF              | 1 ... 1   | F  | completed  |
| └ hl7:effectiveTime | IVL_TS.CH.TZ      | 0 ... 1   |  | (Pat...ion)  |
| └ hl7:value         | CD                | 1 ... 1   | R  | (Pat...ion)  |
|                     | CONF              | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.59 IVR valueset result (.143.11.44) (DYNAMIC) |  |  |

### 7.4.4.20 Patient Place of Origin or Nationality








|                    |   |                       |  |
|--------------------|---|-----------------------|--|
| <b>Id</b>          | 2.16.756.5.30.1.1.10.4.79   | <b>Effective Date</b> | 2017-11-28 10:55:26                    |
| <b>Status</b>      | ● Under pre-publication review  | <b>Version Label</b>  | 2017                                   |
| <b>Name</b>        | PatientPlaceOfOriginOrNationality   | <b>Display Name</b>   | Patient Place of Origin or Nationality |
| <b>Description</b> | An observation to describe the place of origin or nationality of the patient. |                       |  |

| <b>Context</b>           | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.79  |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
|--------------------------|---|--|---------------------|------|---------|--------------------------|-------------|--|---------------------|--------------------------|---|--|---------------------|--------------------------|---|--|---------------------|
| <b>Classification</b>    | CDA Entry Level Template  |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| <b>Open/Closed</b>       | Open (other than defined elements are allowed)  |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
|                          | Used by 0 transactions and 3 templates, Uses 0 templates  |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| <b>Used by / Uses</b>    | <table border="1"> <thead> <tr> <th>Used by</th> <th>as</th> <th>Name</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>2.16.756.5.30.1.1.10.3.8</td> <td>Containment</td> <td> Patient (2017)</td> <td>2017-06-12 17:15:34</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-06-13 17:19:29</td> </tr> <tr> <td>2.16.756.5.30.1.1.10.1.2</td> <td></td> <td> EmergencyMedicalServiceProtocol (2017)</td> <td>2017-05-31 17:19:29</td> </tr> </tbody> </table> | Used by  | as                  | Name | Version | 2.16.756.5.30.1.1.10.3.8 | Containment |  Patient (2017) | 2017-06-12 17:15:34 | 2.16.756.5.30.1.1.10.1.2 |  |  EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 | 2.16.756.5.30.1.1.10.1.2 |  |  EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
| Used by                  | as  | Name   | Version             |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| 2.16.756.5.30.1.1.10.3.8 | Containment   |  Patient (2017)                         | 2017-06-12 17:15:34 |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| 2.16.756.5.30.1.1.10.1.2 |    |  EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| 2.16.756.5.30.1.1.10.1.2 |    |  EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| <b>Relationship</b>      | Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| <b>Example</b>           | <p><b>Example</b></p> <pre>&lt;hl7:observation classCode="OBS" moodCode="EVN"&gt;   &lt;hl7:templateId root="2.16.756.5.30.1.1.10.4.79"/&gt;   &lt;hl7:templateId root="2.16.840.1.113883.10.12.303"/&gt;   &lt;hl7:code displayName="Country of citizenship" codeSystemName="LOINC" codeSystem="2.16.840.1.113883.6.1" code="66476-3"/&gt;   &lt;hl7:text&gt;     &lt;hl7:reference value="#country"/&gt;   &lt;/hl7:text&gt; &lt;/hl7:observation&gt;</pre>   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |
| <b>Example</b>           | <p><b>Example</b></p> <pre>&lt;hl7:observation classCode="OBS" moodCode="EVN"&gt;   &lt;hl7:templateId root="2.16.756.5.30.1.1.10.4.79"/&gt;   &lt;hl7:templateId root="2.16.840.1.113883.10.12.303"/&gt;   &lt;hl7:code displayName="Place of origin (observable entity)" codeSystemName="SNOMED Clinical Terms" codeSystem="2.16.840.1.113883.6.96" code="307117005"/&gt;   &lt;hl7:text&gt;     &lt;hl7:reference value="#placeOfOrigin"/&gt;   &lt;/hl7:text&gt; &lt;/hl7:observation&gt;</pre>   |  |                     |      |         |                          |             |  |                     |                          |   |  |                     |                          |   |  |                     |

| Item               | DT  | Card    | Conf | Description  | Label       |
|--------------------|-----|---------|------|--|-------------|
| h17:observation    |     |         |      |  | (Pat...ity) |
| └ @classCode       | CS  | 1 ... 1 | F    | OBS  |             |
| └ @moodCode        | CS  | 1 ... 1 | F    | EVN  |             |
| └ h17:templateId   | II  | 1 ... 1 | M    |  | (Pat...ity) |
| └└ @root           | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.79  |             |
| └ h17:templateId   | II  | 1 ... 1 | R    |  | (Pat...ity) |
| └└ @root           | uid | 1 ... 1 | F    | 2.16.840.1.113883.10.12.303  |             |
| └ h17:id           | II  | 0 ...   |      |  | (Pat...ity) |
| └ h17:code         | CD  | 1 ... 1 | M    |  | (Pat...ity) |
| └└ @displayName    | st  | 1 ... 1 | R    |  |             |
| └└ @codeSystemName | st  | 1 ... 1 | R    |  |             |
| └└ @codeSystem     | oid | 1 ... 1 | R    |  |             |
| └└ @code           | CS  | 1 ... 1 | R    |  |             |
|                    |     |         | CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.67 <i>IVR valueset patient</i> (DYNAMIC) |             |
| └ h17:text         | ED  | 1 ... 1 | M    |  | (Pat...ity) |
| └ h17:reference    | TEL | 0 ... 1 |      |  | (Pat...ity) |
| └└ @value          | st  | 1 ... 1 | R    |  |             |

|                   |        |         |   |             |
|-------------------|--------|---------|---|-------------|
| h17:statusCode    | CS     | 0 ... 1 |   | (Pat...ity) |
| @code             | cs     | 1 ... 1 | F | completed   |
| h17:effectiveTime | IVL_TS | 0 ... 1 |   | (Pat...ity) |
| h17:value         | ANY    | 0 ... * |   | (Pat...ity) |
| @xsi:type         | cs     | 0 ... 1 | F | ANY         |

### 7.4.4.21 Patient Status Priority

|                           |  |   |  |
|---------------------------|--|---|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.10.4.66  | <b>Effective Date</b>   | 2017-09-12 15:04:22  |
| <b>Status</b>             |  Under pre-publication review | <b>Version Label</b>  | 2017   |
| <b>Name</b>               | PatientStatusPriorityObservation   | <b>Display Name</b>   | Patient Status Priority  |
| <b>Description</b>        | Patient Status   |   |  |
| <b>Classification</b>     | CDA Entry Level Template   |   |  |
| <b>Open/Closed</b>        | Open (other than defined elements are allowed)   |   |  |
| <b>Used by / Uses</b>     | Used by 0 transactions and 3 templates, Uses 1 template  |   |  |
|                           | <b>Used by</b>   | <b>as</b>   | <b>Name</b>  |
|                           | 2.16.756.5.30.1.1.10.3.15  | Containment   |  Handover (2017) 2017-09-08 10:23:39                        |
|                           | 2.16.756.5.30.1.1.10.1.2   |    |  EmergencyMedicalServiceProtocol (2017) 2017-06-13 17:19:29 |
|                           | 2.16.756.5.30.1.1.10.1.2   |    |  EmergencyMedicalServiceProtocol (2017) 2017-05-31 17:19:29 |
| <b>Uses</b>               | <b>as</b>  | <b>Name</b>   | <b>Version</b>   |
| 2.16.756.5.30.1.1.10.9.14 | Include  |  Narrative Text Reference (2017) DYNAMIC |  |

**Relationship** Specialization: template 2.16.840.1.113883.10.12.303 (2005-09-07)

**Example**

**Example**

```
<observation classCode="OBS" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.66"/>
  <code code="77941-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Final patient acuity"/>
  <text>
    <reference value="#statusprioriy"/>
  </text>
  <value xsi:type="CD" code="263935005" codeSystem="2.16.840.1.113883.6.96" displayName="yellow"/>
</observation>
```

| Item             | DT   | Card    | Conf | Description  | Label       |
|------------------|------|---------|------|--|-------------|
| h17:observation  |      |         |      |  | (Pat...ion) |
| └ @classCode     | CS   | 1 ... 1 | F    | OBS  |             |
| └ @moodCode      | CS   | 1 ... 1 | F    | EVN  |             |
| └ h17:templateId | II   | 1 ... 1 | M    |  | (Pat...ion) |
| └└ @root         | uid  | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.66  |             |
| └ h17:id         | II   | 0 ... 1 |      | An ID for this item may be filled for traceability.  | (Pat...ion) |
| └ h17:code       | CD   | 1 ... 1 | M    |  | (Pat...ion) |
| └└ @code         | CONF | 1 ... 1 | F    | 77941-3  |             |
| └└ @codeSystem   |      | 1 ... 1 | F    | 2.16.840.1.113883.6.1 (Logical Observation Identifier Names and Codes)   |             |
| └└ @displayName  |      | 1 ... 1 | F    | Final patient acuity   |             |
| Included         |      | 1 ... 1 |      | from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC)<br>The reference to the text in the narrative section of the section MUST be specified. |             |



|                     |                   |         |         |  |             |
|---------------------|-------------------|---------|---------|--|-------------|
| └ 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,'#')  |             |
|                     | 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"/>'). |             |
| └ h17:statusCode    | CS                | 1 ... 1 | M       |  | (Pat...ion) |
| └ @code             | CONF              | 1 ... 1 | F       | completed  |             |
| └ h17:effectiveTime | IVL_TS.CH.TZ      | 0 ... 1 |         |  | (Pat...ion) |
| └ h17:value         | CD                | 1 ... 1 | R       |  | (Pat...ion) |
|                     | CONF              |         |         | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.55 IVR valueset priority hospital (DYNAMIC)                                    |             |

#### 7.4.4.22 Pretreatment Procedure

Id 2.16.756.5.30.1.1.10.4.61

Effective Date 2017-07-12 21:49:49

|  |  |                      |  |                     |
|--|--|----------------------|--|---------------------|
| <b>Status</b>  | Under pre-publication review                                       | <b>Version Label</b> | 2017                                   |                     |
| <b>Name</b>  | PretreatmentProcedure  | <b>Display Name</b>  | Pretreatment Procedure                 |                     |
| <b>Description</b>                                       | Pretreatment Procedure   |                      |  |                     |
| <b>Context</b>   | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.61 |                      |  |                     |
| <b>Classification</b>                                    | CDA Entry Level Template   |                      |  |                     |
| <b>Open/Closed</b>                                       | Open (other than defined elements are allowed)                     |                      |  |                     |
| Used by 0 transactions and 3 templates, Uses 0 templates |  |                      |  |                     |
| <b>Used by / Uses</b>                                    | <b>Used by</b>   | <b>as</b>            | <b>Name</b>                            | <b>Version</b>      |
|  | 2.16.756.5.30.1.1.10.3.42  | Containment          | Pretreatment (2017)                    | 2017-06-12 17:15:34 |
|  | 2.16.756.5.30.1.1.10.1.2   |                      | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |
|  | 2.16.756.5.30.1.1.10.1.2   |                      | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
| <b>Relationship</b>                                      | Specialization: template 2.16.840.1.113883.10.12.306 (2005-09-07)  |                      |  |                     |







| Item             | DT  | Card    | Conf | Description                 | Label       |
|------------------|-----|---------|------|-----------------------------|-------------|
| h17:procedure    |     |         |      |                             | (Pre...ure) |
| └ @classCode     | cs  | 1 ... 1 | F    | PROC                        |             |
| └ @moodCode      | cs  | 1 ... 1 | F    | EVN                         |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                             | (Pre...ure) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.61   |             |
| └ h17:templateId | II  | 1 ... 1 | R    |                             | (Pre...ure) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.840.1.113883.10.12.306 |             |

|                        |        |  |  |             |
|------------------------|--------|--|--|-------------|
| └ h17:id               | II     | 0 ... *  |  | (Pre...ure) |
| └ h17:code             | CD     | 0 ... 1  |  | (Pre...ure) |
| └ @codeSystem          | CONF   | 0 ... 1 F  | 2.16.756.5.30.1.1.11.13 (hl7chcda-valueset-13) |             |
| └ h17:text             | ED     | 0 ... 1  |  | (Pre...ure) |
| └ h17:statusCode       | CS     | 0 ... 1  |  | (Pre...ure) |
|                        | CONF   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.15933 <i>ActStatus</i> (DYNAMIC)     |  |             |
| └ h17:effectiveTime    | IVL_TS | 0 ... 1  |  | (Pre...ure) |
| └ h17:priorityCode     | CE     | 0 ... 1  |  | (Pre...ure) |
|                        | CONF   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16866 <i>ActPriority</i> (DYNAMIC)   |  |             |
| └ h17:languageCode     | CS     | 0 ... 1  |  | (Pre...ure) |
|                        | CONF   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC) |  |             |
| └ h17:methodCode       | CE     | 0 ... *  |  | (Pre...ure) |
| └ @codeSystem          | CONF   | 0 ... 1 F  | 2.16.840.1.113883.5.1065 (ProcedureMethod)     |             |
| └ h17:approachSiteCode | CD     | 0 ... *  |  | (Pre...ure) |
| └ @codeSystem          | CONF   | 0 ... 1 F  | 2.16.840.1.113883.5.1052 (Act Site)            |             |
| └ h17:targetSiteCode   | CD     | 0 ... *  |  | (Pre...ure) |
| └ @codeSystem          | CONF   | 0 ... 1 F  | 2.16.840.1.113883.5.1052 (Act Site)            |             |
| └ h17:performer        |        | 0 ... 1  |  | (Pre...ure) |

|                      |        |         |   |  |             |
|----------------------|--------|---------|---|--|-------------|
| └ h17:time           | IVL_TS | 0 ... 1 |   |  | (Pre...ure) |
| └ h17:assignedEntity |        | 1 ... 1 |   |  | (Pre...ure) |
| └ @classCode         |        | 0 ... 1 | F | ASSIGNED                                       |             |
| └ h17:id             | II     | 1 ... * | R |  | (Pre...ure) |
| └ h17:code           | CE     | 0 ... 1 |   |  | (Pre...ure) |
| └ @codeSystem        | CONF   | 0 ... 1 | F | 2.16.756.5.30.1.1.11.20 (hl7chcda-valueset-20) |             |

#### 7.4.4.23 Problem Concern Entry

|                       |   |                       |                       |
|-----------------------|---|-----------------------|-----------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.68   | <b>Effective Date</b> | 2017-09-12 20:40:11   |
| <b>Status</b>         | 🟡 Under pre-publication review  | <b>Version Label</b>  | 2017                  |
| <b>Name</b>           | ProblemConcernEntryAct  | <b>Display Name</b>   | Problem Concern Entry |
| <b>Description</b>    | <p>This entry is a specialization of the Problem Concern Entry, see IHE PCC TF2 6.3.4.12</p> <p>In this context is is used to describe the Problem Observations (diagnoses)</p> |                       |                       |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.68  |                       |                       |
| <b>Classification</b> | CDA Entry Level Template  |                       |                       |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)  |                       |                       |
| <b>Used by / Uses</b> | Used by 0 transactions and 3 templates, Uses 1 template   |                       |                       |
|                       | <b>Used by</b>  | <b>as</b>             | <b>Name</b>           |
|                       |   |                       | <b>Version</b>        |

| 2.16.756.5.30.1.1.10.3.16 | Containment   |  | Diagnosis (2017)                       | 2017-09-08 10:23:39 |
|---------------------------|---|---|--|---------------------|
| 2.16.756.5.30.1.1.10.1.2  |  |  | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |
| 2.16.756.5.30.1.1.10.1.2  |  |  | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
| Uses                      | as  |   | Name                                   | Version             |
| 2.16.756.5.30.1.1.10.4.67 | Containment   |  | Problem Observation (2017)             | DYNAMIC             |

## Relationship

Adaptation: template 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 (2016-09-26 08:50:28)  
Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5.1 (DYNAMIC)  
Specialization: template 2.16.840.1.113883.10.20.1.27 (DYNAMIC)

## Example

## Example

```
<act classCode="ACT" moodCode="EVN">
  <templateId root="2.16.756.5.30.1.1.10.4.68"/>
  <templateId root="2.16.840.1.113883.10.20.1.27"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.1"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5.2"/>
  <id root="1962D16E-D153-4A58-B17E-1D65FC81E6CE"/>
  <code nullFlavor="NA"/>
  <statusCode code="active"/>
  <entryRelationship typeCode="SUBJ">
    <observation classCode="OBS" moodCode="EVN" negationInd="false">
      <templateId root="2.16.756.5.30.1.1.10.4.67"/>
      <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
      <templateId root="2.16.840.1.113883.10.20.1.28"/>
      <id root="AD092C2A-813D-4EAA-83F1-EB53DB2F16F0"/>
      <code code="2931005" codeSystem="2.16.840.1.113883.6.96" displayName="Verdachtsdiagnose"/>
      <text>
        <reference value="#diagnose1"/>
      </text>
      <statusCode code="completed"/>
      <effectiveTime>
        <low value="20161210112500.0000+0100"/>
      </effectiveTime>
      <value xsi:type="CD" code="I21.0" codeSystem="2.16.756.5.30.1.126.3.2" displayName="ST elevation (STEMI) myocardial infarction of anterior wall"/>
      <author>
        <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician">
          <translation code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
        </functionCode>
      </author>
    </observation>
  </entryRelationship>
</act>
```

```

<time value="20161210112500.0000+0100"/>
<assignedAuthor>
  <!-- cdachresp-dataelement-281 -->
  <id root="2.51.1.3" extension="7601000028105"/>
</assignedAuthor>
</author>
</observation>
</entryRelationship>
</act>




```

| Item             | DT  | Card    | Conf | Description                     | Label       |
|------------------|-----|---------|------|---------------------------------|-------------|
| h17:act          |     |         | R    |                                 | (Pro...Act) |
| └ @classCode     | CS  | 1 ... 1 | F    | ACT                             |             |
| └ @moodCode      | CS  | 1 ... 1 | F    | EVN                             |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                                 | (Pro...Act) |
| └ @root          | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.68       |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                                 | 6.3...12.4  |
| └ @root          | uid | 1 ... 1 | F    | 2.16.840.1.113883.10.20.1.27    |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                                 | 6.3...12.4  |
| └ @root          | uid | 1 ... 1 | F    | 1.3.6.1.4.1.19376.1.5.3.1.4.5.1 |             |
| └ h17:templateId | II  | 1 ... 1 | M    |                                 | 6.3...12.4  |
| └ @root          | uid | 1 ... 1 | F    | 1.3.6.1.4.1.19376.1.5.3.1.4.5.2 |             |
| └ h17:id         | II  | 1 ... * | M    |                                 | 6.3...11.5  |

|   |        |         |   |   |             |
|---|--------|---------|---|---|-------------|
| └ h17:code  | CD     | 1 ... 1 | R | Fixed nullFlavor='NA'   | 6.3...11.6  |
| └ @nullFlavor   | cs     | 1 ... 1 | F | NA  |             |
| └ h17:statusCode  | CS     | 0 ... 1 | R |   | (Pro...Act) |
| └ @code   | CONF   | 0 ... 1 | F | active  |             |
| └ h17:effectiveTime   | IVL_TS | 0 ... 1 | R |   | (Pro...Act) |
| └ h17:entryRelationship   |        | 1 ... * | R | Contains 2.16.756.5.30.1.1.10.4.67 <i>Problem Observation</i> (DYNAMIC) | 6.3...11.9  |
| where [h17:observation [h17:code [concat(@code,@codeSystem)=doc('include/voc-2.16.756.5.30.1.1.11.24-DYNAMIC.xml')/valueSet [1]/conceptList/concept/concat(@code,@codeSystem) or @nullFlavor]]] |        |         |   |   |             |
| └ @typeCode   | cs     | 1 ... 1 | F | SUBJ  |             |

#### 7.4.4.24 Problem Observation

|                       |  |                       |                     |
|-----------------------|--|-----------------------|---------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.4.67  | <b>Effective Date</b> | 2017-09-12 18:21:27 |
| <b>Status</b>         | ● Under pre-publication review                                     | <b>Version Label</b>  | 2017                |
| <b>Name</b>           | ProblemObservation   | <b>Display Name</b>   | Problem Observation |
| <b>Description</b>    | Problem Diagnose Information                                       |                       |                     |
| <b>Context</b>        | Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.67 |                       |                     |
| <b>Classification</b> | CDA Entry Level Template   |                       |                     |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)                     |                       |                     |
| <b>Used by / Uses</b> | Used by 0 transactions and 4 templates, Uses 1 template            |                       |                     |

| Used by                   | as  | Name                                     | Version             |
|---------------------------|---|--|---------------------|
| 2.16.756.5.30.1.1.10.4.68 | Containment   | ● Problem Concern Entry (2017)           | 2017-09-12 20:40:11 |
| 2.16.756.5.30.1.1.10.3.16 |  | ● Diagnosis (2017)                       | 2017-09-08 10:23:39 |
| 2.16.756.5.30.1.1.10.1.2  |  | ● EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |
| 2.16.756.5.30.1.1.10.1.2  |  | ★ EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
| Uses                      | as  | Name                                     | Version             |
| 2.16.756.5.30.1.1.10.9.14 | Include   | ● Narrative Text Reference (2017)        | DYNAMIC             |

## Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.5 (2016-09-26 09:50:55)  
Specialization: template 2.16.840.1.113883.10.20.1.28 (DYNAMIC)

## Example

## Example

```
<observation classCode="OBS" moodCode="EVN" negationInd="false">
  <templateId root="2.16.756.5.30.1.1.10.4.67"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.5"/>
  <templateId root="2.16.840.1.113883.10.20.1.28"/>
  <id root="AD092C2A-813D-4EAA-83F1-EB53DB2F16F0"/>
  <code code="2931005" codeSystem="2.16.840.1.113883.6.96" displayName="Verdachtsdiagnose"/>
  <text>
    <reference value="#diagnose1"/>
  </text>
  <statusCode code="completed"/>
  <effectiveTime>
    <low value="20161210112500.0000+0100"/>
  </effectiveTime>
  <value xsi:type="CD" code="I21.0" codeSystem="2.16.756.5.30.1.126.3.2" displayName="ST elevation (STEMI) myocardial infarction of anterior wall"/>
  <author>
    <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician">
      <translation code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
    </functionCode>
    <time value="20161210112500.0000+0100"/>
    <assignedAuthor>
      <!-- cdachresp-dataelement-281 -->
      <id root="2.51.1.3" extension="7601000028105"/>
    </assignedAuthor>
  </author>
</observation>
```



| Item             | DT  | Card    | Conf | Description  | Label        |
|------------------|-----|---------|------|--|--------------|
| h17:observation  |     |         | R    |  | (Pro...ion)  |
| └ @moodCode      | CS  | 1 ... 1 | F    | EVN  |              |
| └ @classCode     | CS  | 1 ... 1 | F    | OBS  |              |
| └ @negationInd   | bl  | 1 ... 1 | F    | false  |              |
| └ h17:templateId | II  | 1 ... 1 | M    |  | (Pro...ion)  |
| └└ @root         | uid | 1 ... 1 | F    | 2.16.756.5.30.1.1.10.4.67  |              |
| └ h17:templateId | II  | 1 ... 1 | R    |  | (Pro...ion)  |
| └└ @root         | uid | 1 ... 1 | F    | 1.3.6.1.4.1.19376.1.5.3.1.4.5  |              |
| └ h17:templateId | II  | 1 ... 1 | R    |  | (Pro...ion)  |
| └└ @root         | uid | 1 ... 1 | F    | 2.16.840.1.113883.10.20.1.28   |              |
| └ h17:id         | II  | 1 ... 1 | M    |  | (Pro...ion)  |
| └ h17:code       | CD  | 1 ... 1 | R    |  | (Pro...ion)  |
|                  |     |         | CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.24 <i>IVR valueset diagnosis type (.143.11.16)</i> (DYNAMIC)                               |              |
| Included         |     | 1 ... 1 |      | from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC)<br>The reference to the text in the narrative section of the section MUST be specified. |              |
| └ h17:text       | ED  | 1 ... 1 | M    |  | CDA-CH<br>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<br>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  |   |             |
|                      | Variable let      | Value   | substring-after(@value,'#')  |   |             |
|                      | Schematron assert | role    | error  |   |             |
|                      | Schematron assert | test    | ancestor::hl7:structuredBody/*[@ID=\$idvalue]  |   |             |
|                      | Schematron assert | Message | No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>'). |   |             |
| └ hl7:statusCode     | CS                | 0 ... 1 | R  |   | (Pro...ion) |
| └ @code              | CONF              | 0 ... 1 | F  | completed   |             |
| └ hl7:effectiveTime  | IVL_TS            | 0 ... 1 | R  | The low value is the earliest point for which the condition is known to have existed. The high value, when present, indicates the time at which the observation was no longer known to be true. | (Pro...ion) |
| └ hl7:value          | CD                | 1 ... 1 | R  | An ICD-10 code has to be provided   | (Pro...ion) |
| └ @codeSystem        | CONF              | 0 ... 1 | F  | 2.16.756.5.30.1.126.3.2   |             |
| └ hl7:author         |                   | 1 ... * | R  |   | (Pro...ion) |
| └ hl7:functionCode   | CE                | 1 ... 1 | R  |   | (Pro...ion) |
| └ hl7:time           | TS.CH.TZ          | 1 ... 1 | R  | Timestamp of the authorship.  | (Pro...ion) |
| └ hl7:assignedAuthor |                   | 1 ... 1 | R  |   | (Pro...ion) |
| └ hl7:id             | II                | 1 ... * | R  |   | (Pro...ion) |

## 7.4.5 Other CDA Templates

### 7.4.5.1 PLS-ID

|               |  |
|---------------|--|
| <b>Id</b>     | 2.16.756.5.30.1.1.10.9.29  |
| <b>Status</b> |  Under pre-publication review |
| <b>Name</b>   | PLS-ID   |

|                       |                     |
|-----------------------|---------------------|
| <b>Effective Date</b> | 2017-10-06 10:58:56 |
| <b>Version Label</b>  | 2017                |
| <b>Display Name</b>   | PLS-ID              |

#### Description

Number of the patient from the patient guidance system (PLS), which serves for the temporary identification of the patient, if no identification is possible within a useful period of time or in the event of a large event (mass injuries, MANV)

|                       |  |
|-----------------------|--|
| <b>Context</b>        | Pathname                                       |
| <b>Classification</b> | Template type not specified                    |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed) |

#### Used by / Uses

Used by 0 transactions and 1 template, Uses 0 templates

| Used by                   | as      | Name  | Version             |
|---------------------------|---------|---|---------------------|
| 2.16.756.5.30.1.1.10.2.48 | Include |  Patient - recordTarget (2017) | 2017-11-22 16:58:26 |

#### Example


#### Example

```
<id extension="MU3242" root="2.16.756.5.30.1.143.20"/>
```








| Item | DT | Card | Conf | Description | Label |
|------|----|------|------|-------------|-------|
|------|----|------|------|-------------|-------|

|              |  |           |                        |
|--------------|--|-----------|------------------------|
| hl7:id       |  | 1 ... 1 M | (PLS-ID)               |
| └ @root      |  | 1 ... 1 F | 2.16.756.5.30.1.143.20 |
| └ @extension |  | 1 ... 1 R |                        |

### 7.4.5.2 RESP Header Template CompilationDescription

|                       |  |                       |                                  |
|-----------------------|--|-----------------------|----------------------------------|
| <b>Id</b>             | 2.16.756.5.30.1.1.10.9.40  | <b>Effective Date</b> | 2017-11-20 13:35:46              |
| <b>Status</b>         |  Under pre-publication review | <b>Version Label</b>  | 2017                             |
| <b>Name</b>           | RESPHeaderTemplateCompilation  | <b>Display Name</b>   | RESP Header Template Compilation |
| <b>Description</b>    | Header Templates for CDA-CH RESP   |                       |                                  |
| <b>Context</b>        | Pathname   |                       |                                  |
| <b>Classification</b> | Template type not specified  |                       |                                  |
| <b>Open/Closed</b>    | Open (other than defined elements are allowed)   |                       |                                  |

Used by 0 transactions and 2 templates, Uses 23 templates

| Used by   | as  | Name                                   | Version             |
|---|---|--|---------------------|
| 2.16.756.5.30.1.1.10.1.2  | Include    | EmergencyMedicalServiceProtocol (2017) | 2017-06-13 17:19:29 |
| 2.16.756.5.30.1.1.10.1.2  |   | EmergencyMedicalServiceProtocol (2017) | 2017-05-31 17:19:29 |
|  Circular reference found with cdachresp-template-document-2, please check |   |  |                     |
| Uses  | as  | Name                                   | Version             |
| 2.16.756.5.30.1.1.10.2.23   | Include    | Document Id (2017)                     | DYNAMIC             |
| 2.16.756.5.30.1.1.10.2.45   | Include    | Document Code RESP (2017)              | DYNAMIC             |
| 2.16.756.5.30.1.1.10.2.19   | Include    | Document Confidentiality Code (2017)   | DYNAMIC             |

|                             |         |   |         |
|-----------------------------|---------|---|---------|
| 2.16.756.5.30.1.1.10.2.22   | Include |  Document Language (2017)                      | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.20   | Include |  Document Set Id and Version Number (2017)     | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.1    | Include |  Patient - recordTarget (2017)                 | DYNAMIC |
| 2.16.756.5.30.1.1.10.9.23   | Include |  Author (2017)                                 | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.7    | Include |  Data Enterer (2017)                           | DYNAMIC |
| 2.16.840.1.113883.10.12.154 | Include |  CDA Informant                                 | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.3    | Include |  Custodian (2017)                              | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.4    | Include |  Recipient - informationRecipient (2017)       | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.5    | Include |  Legal Authenticator (2017)                    | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.6    | Include |  Authenticator (2017)                          | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.40   | Include |  Employer - participant (2017)                 | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.15   | Include |  Insurance - participant (2017)                | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.14   | Include |  Insurance Card - participant (2017)           | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.49   | Include |  Invoice Recipient (2017)                      | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.43   | Include |  Patient Contact - participant (2017)          | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.16   | Include |  Order Reference - inFulfillmentOf (2017)      | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.46   | Include |  Health Service - documentationOf (2017)       | DYNAMIC |
| 2.16.756.5.30.1.1.10.2.13   | Include |  Document Replacement - relatedDocument (2017) | DYNAMIC |
| 2.16.840.1.113883.10.12.114 | Include |  CDA Authorization                           | DYNAMIC |
| 2.16.840.1.113883.10.12.113 | Include |  CDA componentOf                             | DYNAMIC |

**Relationship**

Specialization: template 2.16.756.5.30.1.1.10.9.36 (2017-11-09 11:38:30)

**Example****Example**

```
<!-- include template 2.16.756.5.30.1.1.10.2.23 'Document Id' (dynamic) 1..1 M -->
```


```

<!-- include template 2.16.756.5.30.1.1.10.2.45 'Document Code RESP' (dynamic) 1..1 M -->
<!-- include template 2.16.756.5.30.1.1.10.2.44 'Document Code' (dynamic) 1..1 M -->
<cda:title>title</cda:title>
<cda:effectiveTime value="20180207155727+01:00"/>
<!-- include template 2.16.756.5.30.1.1.10.2.19 'Document Confidentiality Code' (dynamic) 1..1 M -->
<!-- include template 2.16.756.5.30.1.1.10.2.22 'Document Language' (dynamic) 1..1 M -->
<!-- include template 2.16.756.5.30.1.1.10.2.20 'Document Set Id and Version Number' (dynamic) .. O -->
<!-- include template 2.16.756.5.30.1.1.10.2.1 'Patient - recordTarget' (dynamic) 1..1 R -->
<!-- include template 2.16.756.5.30.1.1.10.9.23 'Author' (dynamic) 1..* M -->
<!-- include template 2.16.756.5.30.1.1.10.2.7 'Data Enterer' (dynamic) 0..1 O -->
<!-- include template 2.16.840.1.113883.10.12.154 'CDA Informant' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.3 'Custodian' (dynamic) 1..1 R -->
<!-- include template 2.16.756.5.30.1.1.10.2.4 'Recipient - informationRecipient' (dynamic) 1..* M -->
<!-- include template 2.16.756.5.30.1.1.10.2.5 'Legal Authenticator' (dynamic) 0..1 O -->
<!-- include template 2.16.756.5.30.1.1.10.2.6 'Authenticator' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.40 'Employer - participant' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.15 'Insurance - participant' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.14 'Insurance Card - participant' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.49 'Invoice Recipient' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.43 'Patient Contact - participant' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.16 'Order Reference - inFulfillmentOf' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.46 'Health Service - documentationOf' (dynamic) 0..* O -->
<!-- include template 2.16.756.5.30.1.1.10.2.13 'Document Replacement - relatedDocument' (dynamic) 0..* O -->
<!-- include template 2.16.840.1.113883.10.12.114 'CDA Authorization' (dynamic) 0..* O -->
<!-- include template 2.16.840.1.113883.10.12.113 'CDA componentOf' (dynamic) 0..1 O -->

```

| Item            | DT  | Card           | Conf     | Description  | Label        |
|-----------------|-----|----------------|----------|--|--------------|
| <i>Included</i> |     | <b>1 ... 1</b> | <b>M</b> | from 2.16.756.5.30.1.1.10.2.23 <i>Document Id</i> (DYNAMIC)        |              |
| hl7:id          | II  | <b>1 ... 1</b> | <b>M</b> | A unique identifier for each CDA document instance.                | CDA-CH<br>V2 |
| └ @root         | uid | <b>1 ... 1</b> | R        | The document's id as Globally Unique Identifier (GUID).            |              |
| └ @extension    | st  | 0              | NP       | NP/not present   |              |
| <i>Included</i> |     | <b>1 ... 1</b> | <b>M</b> | from 2.16.756.5.30.1.1.10.2.45 <i>Document Code RESP</i> (DYNAMIC) |              |

|                         |                      |                |          |  |             |
|-------------------------|----------------------|----------------|----------|--|-------------|
| h17:code                | <b>CE</b>            | <b>1 ... 1</b> | <b>M</b> | The LOINC code for this document is 67796-3  | (RES...ion) |
| └ @code                 | st                   | <b>1 ... 1</b> | F        | 67796-3  |             |
| └ @codeSystem           | oid                  | <b>1 ... 1</b> | F        | 2.16.840.1.113883.6.1  |             |
| └ @codeSystemName       | st                   | <b>1 ... 1</b> | F        | LOINC  |             |
| └ @displayName          | st                   | <b>1 ... 1</b> | F        | EMS Patient Care Report  |             |
| └ h17:translation       | <b>CD</b>            | <b>1 ... 1</b> | <b>R</b> | A translation to the Swiss EPR XDS.b metadata SHALL be specified.  | (RES...ion) |
| └ @code                 | st                   | <b>1 ... 1</b> | F        | 371535009  |             |
| └ @codeSystem           | oid                  | <b>1 ... 1</b> | F        | 2.16.840.1.113883.6.96   |             |
| └ @codeSystemName       | st                   | <b>1 ... 1</b> | F        | SNOMED CT  |             |
| └ @displayName          | st                   | <b>1 ... 1</b> | F        | Transfer summary report  |             |
| h17:title               | <b>ST</b>            | <b>1 ... 1</b> | <b>M</b> | EmergencyServiceProtocol   | (RES...ion) |
| 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. | (RES...ion) |
| Included                |                      | <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.   | CDA-CH V2   |
| └ @code                 | cs                   | <b>1 ... 1</b> | R        | The value of @code MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)  |             |
| └ @codeSystem           | oid                  | <b>1 ... 1</b> | F        | 2.16.840.1.113883.6.96   |             |
| └ @codeSystemName       | st                   | <b>1 ... 1</b> | F        | SNOMED CT  |             |

|                       |                   |         |   |   |           |
|-----------------------|-------------------|---------|---|---|-----------|
| <b>L</b> @displayName | st                | 1 ... 1 | R   | The value of @displayName MUST be drawn from value set EprDocumentConfidentialityCode (2.16.756.5.30.1.127.3.10.1.5)  |           |
|                       | CONF              |         |   | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>EprDocumentConfidentialityCode</i> (DYNAMIC)   |           |
| <i>Included</i>       |                   | 1 ... 1 | M   | from 2.16.756.5.30.1.1.10.2.22 <i>Document Language</i> (DYNAMIC)   |           |
| h17:languageCode      | CS                | 1 ... 1 | M   | The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.  | CDA-CH V2 |
|                       | CONF              |         |   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)  |           |
| <i>Included</i>       |                   |         |   | from 2.16.756.5.30.1.1.10.2.20 <i>Document Set Id and Version Number</i> (DYNAMIC)  |           |
| h17: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 |
| <b>L</b> @root        | uid               | 1 ... 1 | R   | The root attribute MUST contain the setId as Globally Unique Identifier (GUID).   |           |
| <b>L</b> @extension   | st                | 0       | NP  | NP/not present  |           |
|                       | Schematron assert | role    |  | error   |           |
|                       |                   | test    |   | (parent::*hl7:versionNumber[@value='1'] and @root=parent::*hl7:id/@root and (@extension=parent::*hl7:id/@extension or (not(@extension) and not(parent::*hl7:id/@extension)))) or (parent::*hl7:versionNumber[not(@value='1')] and ((@root=parent::*hl7:id/@root and @extension and not(@extension=parent::*hl7:id/@extension)) or(not(@root=parent::*hl7:id/@root)))) |           |
|                       |                   | Message |   | The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.   |           |
| h17: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 |
| <i>Included</i>       |                   | 1 ... 1 | R   | from 2.16.756.5.30.1.1.10.2.1 <i>Patient - recordTarget</i> (DYNAMIC)   |           |
| h17:recordTarget      |                   | 1 ... 1 | R   | A human patient for whom this CDA document instance was created. <ul style="list-style-type: none"> <li><b>Target patient</b><br/>The HL7 CDA R2 (2005) standard allows multiple patients.</li> </ul>   | CDA-CH V2 |




|                        |     |         |   |  |           |
|------------------------|-----|---------|---|--|-----------|
|                        |     |         |   | <p>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.<br/>         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).</p> <ul style="list-style-type: none"> <li> <b>Patient identifiers</b><br/>           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.<br/>           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.<br/>           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.<br/>           OIDs that can't be found in a public OID registry are NOT ALLOWED.         </li> <li> <b>Pseudonymizing</b><br/>           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> |           |
| $\perp$ hl7:templateId | II  | 1 ... 1 | M |  | CDA-CH V2 |
| $\perp$ @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 |
| └ @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.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)                           | CDA-CH V2 |
| └ 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</i> (DYNAMIC)   | CDA-CH V2 |
| where [h17:administrativeGenderCode [concat(@code,@codeSystem)=doc('include/voc-2.16.756.5.30.1.127.3.10.1.25-DYNAMIC.xml')//valueSet [1]/conceptList/concept/concat(@code,@codeSystem) or @nullFlavor]] |          |         |   |  |           |
| └ h17:administrativeGenderCode   | CE       | 1 ... 1 | R | The patient's gender according to the Swiss EPR XDS.b metadata.  | CDA-CH V2 |
| └ @code  | cs       | 1 ... 1 | R |  |           |
| └ @codeSystem  | oid      | 1 ... 1 | F | 2.16.840.1.113883.5.1  |           |
| └ @codeSystemName  | st       | 1 ... 1 | F | HL7 AdministrativeGender   |           |
| └ @displayName   | st       | 1 ... 1 | R |  |           |
|  | CONF     |         |   | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 <i>EprGender</i> (DYNAMIC)  |           |
| └ h17:birthTime  | TS.CH.TZ | 1 ... 1 | R | The patient's birthdate.   | CDA-CH V2 |
| └ h17:maritalStatusCode  | CE       | 0 ... 1 |   | The patient's marital status.  | CDA-CH V2 |

|                                |     |         |   |   |  |
|--------------------------------|-----|---------|---|---|--|
| └ @code                        | cs  | 1 ... 1 | R |   |  |
| └ @codeSystem                  | oid | 1 ... 1 | F | 2.16.840.1.113883.1.11.12212  |  |
| └ @codeSystemName              | st  | 1 ... 1 | F | HL7 MaritalStatus   |  |
| └ @displayName                 | st  | 1 ... 1 | R |   |  |
|                                |     |         |   | CONF  | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC) |
| └ 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:religiousAffiliationCode | CE  | 0 ... 1 |   | The patient's religion.   | CDA-CH V2  |
| └ @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 <i>Original Text Reference</i> (DYNAMIC)<br>The human-readable text MUST be generated automatically from the structured infor- |  |

|   |                   |         |   |   |
|---|-------------------|---------|---|---|
| mation 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.  |   |
|   | 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. CDA-CH V2   |

|                   |                   |         |         |   |           |
|-------------------|-------------------|---------|---------|---|-----------|
| └ h17:id          | II                | 0 ... * |         | The guardian's id.  | CDA-CH V2 |
| └ @root           | uid               | 1 ... 1 | R       | The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.  |           |
| └ @extension      | st                | 0 ... 1 |         | The id itself. It MUST be unique within the issuing system.   |           |
| └ h17:code        | CE                | 0 ... 1 |         | The guardian's role.  | CDA-CH V2 |
| └ @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.  |           |
| └ h17:addr        | AD                | 0 ... * |         | The guardian's address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)   | CDA-CH V2 |
| └ h17:telecom     | TEL               | 0 ... * |         | The guardian's means of communication (phone, eMail, ...).  | CDA-CH V2 |
| Choice            |                   | 1 ... 1 |         | 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 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)</li> <li>h17:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)</li> </ul> |           |

|                             |      |         |   |   |           |
|-----------------------------|------|---------|---|---|-----------|
| └ h17:guardianPerson        |      |         |   | The guardian's as a person.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)   | CDA-CH V2 |
| └ h17:guardianOrganization  |      |         |   | The guardian's as an organization.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)        | CDA-CH V2 |
| └ h17:birthplace            |      | 0 ... 1 |   | The patient's birthplace.   | CDA-CH V2 |
| └ h17:place                 |      | 1 ... 1 |   |   | CDA-CH V2 |
| └ h17:name                  | EN   | 0 ... 1 |   | The patient's birthplace name.  | CDA-CH V2 |
| └ h17:addr                  | AD   | 1 ... 1 | R | The patient's birthplace address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC) | CDA-CH V2 |
| └ h17:languageCommunication |      | 0 ... * |   | The patient's language skills.  | CDA-CH V2 |
| └ h17:languageCode          | CS   | 1 ... 1 |   |   | CDA-CH V2 |
|                             | 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.<br>Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)   | CDA-CH V2 |
| 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.  | CDA-CH V2 |
| └ h17:templateId           | II      | 1 ... 1 | M |   | CDA-CH V2 |
| └ @root                    | uid     | 1 ... 1 | F | 2.16.756.5.30.1.1.10.9.23   |           |
| └ h17:functionCode         | CE      | 1 ... 1 | R | The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1.<br><br>If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role.<br><br>Translations to other vocabularies are allowed. | CDA-CH V2 |
| └ @nullFlavor              | st      | 0 ... 1 | F | NAV   |           |
| └ @code                    | cs      | 0 ... 1 |   |   |           |
| └ @codeSystem              | oid     | 0 ... 1 | F | 2.16.840.1.113883.6.96  |           |
| └ @codeSystemName          | st      | 0 ... 1 | F | SNOMED CT   |           |
| └ @displayName             | st      | 0 ... 1 |   |   |           |
|                            | CONF    |         |   | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)  |           |
|                            | Example |         |   | Patient   |           |

|         |  |
|---------|--|
|         | <code>&lt;functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/&gt;</code>   |
| Example | Nurse<br><code>&lt;functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/&gt;</code>   |
| Example | Home helper<br><code>&lt;functionCode nullFlavor="NAV"&gt;<br/>  &lt;originalText&gt;Home helper&lt;/originalText&gt;<br/>&lt;/functionCode&gt;</code>   |
| Example | Laboratory technician<br><code>&lt;functionCode nullFlavor="NAV"&gt;<br/>  &lt;originalText&gt;Laboratory technician&lt;/originalText&gt;<br/>  &lt;translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/&gt;<br/>&lt;/functionCode&gt;</code> |

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

|                   |          |         |   |  |           |
|-------------------|----------|---------|---|--|-----------|
| └ h17:translation |          | 0 ... * |   | A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7) | CDA-CH V2 |
| └ @code           | cs       | 1 ... 1 | R |  |           |
| └ @codeSystem     | oid      | 1 ... 1 | R |  |           |
| └ @codeSystemName | st       | 1 ... 1 | R |  |           |
| └ @displayName    | st       | 1 ... 1 | R |  |           |
| └ 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    | ● error |  |           |
|                      |                   | test    |         | not(assignedAuthoringDevice/softwareName) or (representedOrganization)   |           |
|                      |                   | Message |         | 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.<br>For persons: their personal GLN MUST be declared.<br>For devices or software modules: the GLN of their organization MUST be declared. | CDA-CH V2 |
| └ @nullFlavor        | cs                | 0 ... 1 | F       | NAV<br><br>Temporarily unknown, will be filled later.  |           |
| └ @root              | cs                | 0 ... 1 | F       | 2.51.1.3<br><br>OID for GS1 GLN.   |           |
| └ @extension         | st                | 0 ... 1 |         | The GS1 GLN.   |           |
|                      | Schematron assert | role    | ● error |  |           |
|                      |                   | test    |         | (@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')   |           |
|                      |                   | Message |         | Either the GS1 GLN or nullFlavor='NAV' is REQUIRED   |           |
| └ h17:id             | II                | 0 ... * |         | Other ids are allowed.   | CDA-CH V2 |
| └ @root              | cs                | 1 ... 1 | R       | The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.   |           |
| └ @extension         | st                | 0 ... 1 |         | Contains the ID itself. The ID MUST be unique within the system that issued the ID.  |           |
| └ h17:addr           | AD                | 0 ... * |         | The author's address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (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.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)   | CDA-CH V2   |
| └ h17:assignedAuthoringDevice |          | 0 ... 1 |   | The author as a device.<br>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.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)  | CDA-CH V2   |
| 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  |             |
| └ 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 <i>Assigned Entity Compilation with id</i> (DYNAMIC)   | CDA-CH V2   |
| Included                      |          | 0 ... * |   | from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)   |             |
| h17:informant                 |          | 0 ... * |   |   | (RES...ion) |
| └ @typeCode                   |          | 0 ... 1 | F | INF   |             |
| └ @contextControlCode         |          | 0 ... 1 | F | OP  |             |

|          |  |     |         |   |  |             |
|----------|--|-----|---------|---|--|-------------|
| Choice   |  |     | 1 ... 1 |   | Elements to choose from:   |             |
|          | └ h17:assignedEntity                   |     |         |   | Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)  | (RES...ion) |
|          | └ h17:relatedEntity                    |     |         |   | Contains 2.16.840.1.113883.10.12.316 CDA RelatedEntity (DYNAMIC)   | (RES...ion) |
| Included |  |     | 1 ... 1 | R | from 2.16.756.5.30.1.1.10.2.3 Custodian (DYNAMIC)  |             |
|          | 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   |
|          | └ h17:telecom                          | TEL | 0 ... * |   | The custodian's means of communication (phone, eMail, ...).  | CDA-CH V2   |
|          | └ h17:addr                             | AD  | 0 ... * |   | The custodian's address(es).<br>Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)                            | CDA-CH V2   |

|                          |     |      |         |   |   |           |
|--------------------------|-----|------|---------|---|---|-----------|
| Included                 |     |      | 1 ... * | M | from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)   |           |
| h17:informationRecipient |     |      | 1 ... * | M | A recipient of this CDA document (corresponds to the addressee of a letter - person or organization).<br><br><b>Recipient types:</b> <ul style="list-style-type: none"> <li>The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient).<br/>Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient <b>MUST</b> 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 |
| └ @typeCode              | cs  |      | 0 ... 1 |   | The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present.<br>Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).<br>Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient <b>MUST</b> 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 <i>x_InformationRecipient</i> (DYNAMIC)   |           |
| └ 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 |
| └ @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 <b>REQUIRED</b> . Others are <b>NOT ALLOWED</b> .  |           |
| └ @extension             | st  |      | 0 ... 1 |   | Contains the ID itself. The ID <b>MUST</b> be unique within the system that issued the ID.  |           |


|                            |          |         |    |  |           |
|----------------------------|----------|---------|----|--|-----------|
| └ h17:addr                 | AD       | 0 ... * |    | The recipient's address(es).<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC) | CDA-CH V2 |
| └ h17:telecom              | TEL      | 0 ... * |    | The recipient's means of communication (phone, eMail, ...).  | CDA-CH V2 |
| └ h17:informationRecipient |          | 0 ... 1 |    | The addressee person.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)    | CDA-CH V2 |
| └ h17:receivedOrganization |          | 0 ... 1 |    | The addressee organization.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)          | CDA-CH V2 |
| <i>Included</i>            |          | 0 ... 1 |    | from 2.16.756.5.30.1.1.10.2.5 <i>Legal Authenticator</i> (DYNAMIC)   |           |
| h17:legalAuthenticator     |          | 0 ... 1 |    | Information about the legal authenticator of a CDA document. A legal authenticator <b>MUST</b> 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 <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>      |          | 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.                                   | 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 <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>      |          | 0 ... * |    | from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)   |           |
| 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 |
| └ @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 |  | CDA-CH V2 |
| └ @code                | cs           | 1 ... 1 | R |  |           |
| └ @codeSystem          | oid          | 1 ... 1 | F | 1.3.6.1.4.1.19376.1.5.3.3  |           |
| └ @codeSystemName      | st           | 1 ... 1 | F | IHERoleCode  |           |


|                                  |                     |  |    |  |           |
|----------------------------------|---------------------|--|----|--|-----------|
| <b>└ @displayName</b>            | 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) |    |  |           |
| <b>└ h17:associatedPerson</b>    |                     | <b>0 ... 1</b>   |    | Contact person at the employer, school or other affiliated (e.g., volunteer) organization.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) | CDA-CH V2 |
| <b>└ h17:scopingOrganization</b> |                     | <b>1 ... 1</b>   |    | The employer, school or other affiliated (e.g., volunteer) organization.<br>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)  |           |
| <b>h17:participant</b>           |                     | <b>0 ... *</b>   |    | Information on a patient's insurance.  | CDA-CH V2 |
| <b>└ @typeCode</b>               | cs                  | <b>1 ... 1</b>   | F  | COV  |           |
| <b>└ h17:templateId</b>          | II                  | <b>1 ... 1</b>   | M  |  | CDA-CH V2 |
| <b>└ @root</b>                   | uid                 | <b>1 ... 1</b>   | F  | 2.16.756.5.30.1.1.10.2.15  |           |
| <b>└ h17:time</b>                | <b>IVL_TS.CH.TZ</b> | <b>0 ... 1</b>   |    | Validity period of the contract.   | CDA-CH V2 |
| <b>└ h17:low</b>                 | <b>TS.CH.TZ</b>     | <b>1 ... 1</b>   | R  | Start of the contract.   | CDA-CH V2 |
| <b>└ h17:high</b>                | <b>TS.CH.TZ</b>     | <b>1 ... 1</b>   | R  | End of the contract.   | CDA-CH V2 |
| <b>└ h17:associatedEntity</b>    |                     | <b>1 ... 1</b>   | R  |  | CDA-CH V2 |
| <b>└ @classCode</b>              | cs                  | <b>1 ... 1</b>   | F  | PAYOR  |           |
| <b>└ h17:id</b>                  | II                  | <b>1 ... 1</b>   | 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.  |           |
| └ h17:code                | CE  | 1 ... 1 | R       | The underlying law for the contract.   | CDA-CH V2 |
| └ @nullFlavor             | cs  | 0 ... 1 | F       | NAV  |           |
| └ @code                   | cs  | 0 ... 1 |         | 832.10, 832.20, 221.229.1, 833.1, 831.20   |           |
| └ @codeSystem             | oid | 0 ... 1 | F       | 2.16.756.5.30.2.1.1.11   |           |
| └ @codeSystemName         | st  | 0 ... 1 | F       | ins-laws   |           |
| └ @displayName            | st  | 0 ... 1 |         | Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MIIA), Federal Act on Invalidity Insurance (InvIA) |           |
|                           |     |         | 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.  |           |
| └ h17:associatedPerson    |     | 0 ... 1 |         | Contact person at the insurance company.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)   | CDA-CH V2 |
| └ h17:scopingOrganization |     | 1 ... 1 |         | The insurance company.<br>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 |
| Included                  |     | 0 ... * |         | from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)   |           |
| 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   |
| └ h17:low                 | TS.CH.TZ     | 1 ... 1 |   |  | CDA-CH V2   |
| └ @nullFlavor             | cs           | 1 ... 1 | F | NASK   |             |
| └ h17:high                | TS.CH.TZ     | 1 ... 1 | R | Expiration date of the insurance card.   | CDA-CH V2   |
| └ h17:associatedEntity    |              | 1 ... 1 | R |  | CDA-CH V2   |
| └ @classCode              | cs           | 1 ... 1 | F | POLHOLD  |             |
| └ h17:id                  | II           | 1 ... 1 | R | The insurance card's id.   | CDA-CH V2   |
| └ @root                   | uid          | 1 ... 1 | F | 2.16.756.5.30.1.123.100.1.1.1  |             |
| └ @extension              | st           | 1 ... 1 | R | Number of the insurance card.  |             |
| └ h17:associatedPerson    |              | 0 ... 1 |   | Family and given name on the insurance card.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) | CDA-CH V2   |
| └ h17:scopingOrganization |              | 0 ... 1 |   | The insurance company which issued the insurance card.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)   | CDA-CH V2   |
| Included                  |              | 0 ... * |   | from 2.16.756.5.30.1.1.10.2.49 <i>Invoice Recipient</i> (DYNAMIC)  |             |
| h17:participant           |              | 0 ... * |   | Information on a invoice recipient.  | (RES...ion) |
| └ @typeCode               | cs           | 1 ... 1 | F | IND  |             |

|                           |      |  |   |   |              |
|---------------------------|------|--|---|---|--------------|
| └ h17:templateId          | II   | 1 ... 1  | M |   | (RES...ion)  |
| └ @root                   | uid  | 1 ... 1  | F | 2.16.756.5.30.1.1.10.2.49   |              |
| └ h17:functionCode        | CE   | 0 ... 1  |   |   | (RES...ion)  |
|                           | CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.26 <i>IVR valueset role (.143.11.21)</i> (DYNAMIC) |   |   |              |
| └ h17:associatedEntity    | ANY  | 1 ... 1  | R |   | (RES...ion)  |
| └ @classCode              | cs   | 1 ... 1  | F | GUAR  |              |
| └ h17:addr                | AD   | 1 ... 1  | R | Invoice to address<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)        | (RES...ion)  |
| └ h17:associatedPerson    |      | 0 ... 1  |   | person to invoice<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)     | (RES...ion)  |
| └ h17:scopingOrganization |      | 0 ... 1  |   | If invoice recipient is a company<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC) | (RES...ion)  |
| Included                  |      | 0 ... *  |   | from 2.16.756.5.30.1.1.10.2.43 <i>Patient Contact - participant</i> (DYNAMIC)   |              |
| h17:participant           |      | 0 ... *  |   | Information on a patient contact.   | CDA-CH<br>V2 |
| └ @typeCode               | cs   | 1 ... 1  | F | IND   |              |
| └ h17:templateId          | II   | 1 ... 1  | M |   | CDA-CH<br>V2 |
| └ @root                   | uid  | 1 ... 1  | F | 2.16.756.5.30.1.1.10.2.43   |              |
| └ h17:templateId          | II   | 1 ... 1  | M |   | CDA-CH<br>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           | cs                | 1 ... 1 | R       | The classCode attribute SHALL be present, and contains a value from the following set:<br>AGNT: agents of the patient<br>CAREGIVER: care givers<br>ECON: emergency contacts<br>NOK: next of kin<br>PRS: other relations |           |
| └ h17:code             | CE                | 1 ... 1 | R       | The contact's role.   | CDA-CH V2 |
| └ @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 |         |   |           |
|                        |                   |         | 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.  |           |
| └ h17:addr             | AD                | 0 ... * |         | The contact's address.<br>Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)  | CDA-CH V2 |

|                           |                   |         |  |   |           |
|---------------------------|-------------------|---------|--|---|-----------|
| └ h17:telecom             | TEL               | 0 ... * |  | The contact's means of communication (phone, eMail, ...).   | CDA-CH V2 |
| └ h17:associatedPerson    |                   | 0 ... 1 | C  | The contact person.<br>Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)                                   | CDA-CH V2 |
| └ h17:scopingOrganization |                   | 0 ... 1 | C  | The contact's organization.<br>Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)                                       | 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>           |                   | 0 ... * |  | from 2.16.756.5.30.1.1.10.2.16 <i>Order Reference - inFulfillmentOf</i> (DYNAMIC)   |           |
| 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 |
| └ @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   |           |
| └ 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:effectiveTime | IVL_TS.CH.TZ | 1 ... 1 | R | Duration of the health service.  | CDA-CH V2 |
| └ h17:low           | TS.CH.TZ     | 1 ... 1 | R | Start of the health service.   | CDA-CH V2 |
| └ h17:high          | TS.CH.TZ     | 1 ... 1 | R | End of the health service.   | CDA-CH V2 |
| Included            |              | 0 ... * |   | from 2.16.756.5.30.1.1.10.9.31 <i>Performer</i> (DYNAMIC)  |           |
| └ h17:performer     |              | 0 ... * |   | Information about a healthcare provider who was the primary performer of the act.  | CDA-CH V2 |
| └ @typeCode         | cs           | 1 ... 1 | F | PRF  |           |
| └ h17:templateId    | II           | 1 ... 1 | M |  | CDA-CH V2 |
| └ @root             | uid          | 1 ... 1 | F | 2.16.756.5.30.1.1.10.9.31  |           |
| └ h17:templateId    |              | 1 ... 1 | R |  | CDA-CH V2 |
| └ @root             | uid          | 1 ... 1 | F | 1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5   |           |
| └ h17:functionCode  | CE           | 1 ... 1 | R | The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1.<br>If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed. | CDA-CH V2 |


|                   |     |         |   |                        |
|-------------------|-----|---------|---|------------------------|
| └ @code           | cs  | 1 ... 1 | R |                        |
| └ @codeSystem     | oid | 1 ... 1 | F | 2.16.840.1.113883.6.96 |
| └ @codeSystemName | st  | 1 ... 1 | F | SNOMED CT              |
| └ @displayName    | st  | 1 ... 1 | R |                        |

|      |  |
|------|--|
| CONF | The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC) |
|------|--|

|         |   |
|---------|---|
| Example | <code>&lt;functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/&gt;</code> |
|---------|---|

|         |  |
|---------|--|
| Example | <code>&lt;functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"&gt;<br/>&lt;originalText&gt;Home helper&lt;/originalText&gt;<br/>&lt;/functionCode&gt;</code> |
|---------|--|

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

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

Included

|  |  |         |   |   |
|--|--|---------|---|---|
|  |  | 0 ... 1 | C | from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC)<br>The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY. |
|--|--|---------|---|---|

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



|  |                      |                   |         |  |   |  |   |           |
|--|----------------------|-------------------|---------|--|---|--|---|-----------|
|  |                      |                   |         |  |   |  |   |           |
|  |                      | Schematron assert | role    | error  |   |  |   |           |
|  |                      |                   | test    | starts-with(@value,'#')  |   |  |   |           |
|  |                      |                   | Message | The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.                         |   |  |   |           |
|  |                      | Variable let      | Name    | idvalue  |   |  |   |           |
|  |                      |                   | Value   | substring-after(@value,'#')  |   |  |   |           |
|  |                      | Schematron assert | role    | error  |   |  |   |           |
|  |                      |                   | test    | ancestor::hl7:structuredBody/*[@ID=\$idvalue]  |   |  |   |           |
|  |                      |                   | Message | No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>'). |   |  |   |           |
|  |                      | Schematron assert | role    | error  |   |  |   |           |
|  |                      |                   | test    | parent::*text()=ancestor::hl7:structuredBody/*[@ID=\$idvalue]/text()   |   |  |   |           |
|  |                      |                   | Message | The originalText content MUST be identical to the narrative text for this reference.   |   |  |   |           |
|  | └ h17:translation    |                   |         | 0 ... *  |   |  | A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)  | CDA-CH V2 |
|  | └ @code              | cs                |         | 1 ... 1  | R |  |   |           |
|  | └ @codeSystem        | oid               |         | 1 ... 1  | R |  |   |           |
|  | └ @codeSystemName    | st                |         | 1 ... 1  | R |  |   |           |
|  | └ @displayName       | st                |         | 1 ... 1  | R |  |   |           |
|  | └ 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 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC) | CDA-CH V2 |

|                      |     |  |         |    |  |           |
|----------------------|-----|--|---------|----|--|-----------|
| Included             |     |  | 0 ... * |    | from 2.16.756.5.30.1.1.10.2.13 <i>Document Replacement - relatedDocument</i> (DYNAMIC)   |           |
| h17:relatedDocument  |     |  | 0 ... * |    | Relationship to another CDA-CH V2 based document that is replaced by the current one.<br><br><b>Notes:</b> For correction of wrong information, a new document that replaces the earlier document <b>MUST</b> 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 <b>MUST</b> be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document <b>MUST</b> be marked as valid:<br><br><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<br><br>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 <b>MUST</b> 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 <b>MUST</b> be declared.  | CDA-CH V2 |


|                     |                   |         |         |  |             |
|---------------------|-------------------|---------|---------|--|-------------|
| └ @extension        | st                | 0       | NP      | NP/not present   |             |
| └ @root             | uid               | 1 ... 1 | R       | The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document. |             |
|                     | Schematron assert |         | role    | error  |             |
|                     |                   |         | test    | (@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)              |             |
|                     |                   |         | Message | ClinicalDocument/setId: MUST be identical to the one of the replaced document  |             |
| └ hl7:versionNumber | INT               | 1 ... 1 | M       | The version number of the document to be replaced.   | CDA-CH V2   |
|                     | Schematron assert |         | role    | error  |             |
|                     |                   |         | test    | @value > /hl7:ClinicalDocument/hl7:versionNumber/@value  |             |
|                     |                   |         | Message | ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document   |             |
| Included            |                   | 0 ... * |         | from 2.16.840.1.113883.10.12.114 CDA Authorization (DYNAMIC)   |             |
| hl7:authorization   |                   | 0 ... * |         |  | (RES...ion) |
| └ @typeCode         |                   | 0 ... 1 | F       | AUTH   |             |
| └ hl7:consent       |                   | 1 ... 1 |         |  | (RES...ion) |
| └ @classCode        |                   | 0 ... 1 | F       | CONS   |             |
| └ @moodCode         |                   | 0 ... 1 | F       | EVN  |             |
| └ hl7:id            | II                | 0 ... * |         |  | (RES...ion) |
| └ hl7:code          | CE                | 0 ... 1 |         |  | (RES...ion) |
| └ @codeSystem       | CONF              | 0 ... 1 | F       | 2.16.840.1.113883.5.4 (Act Code)   |             |
| └ hl7:statusCode    | CS                | 1 ... 1 | R       |  | (RES...ion) |

|                                |        |  |   |   |             |
|--------------------------------|--------|--|---|---|-------------|
| └ @code                        | CONF   | 0 ... 1  | F | completed   |             |
| Included                       |        | 0 ... 1  |   | from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)        |             |
| h17:componentOf                |        | 0 ... 1  |   |   | (RES...ion) |
| └ @typeCode                    |        | 0 ... 1  | F | COMP  |             |
| └ h17:encompassingEncounter    |        | 1 ... 1  |   |   | (RES...ion) |
| └ @classCode                   |        | 0 ... 1  | F | ENC   |             |
| └ @moodCode                    |        | 0 ... 1  | F | EVN   |             |
| └ h17:id                       | II     | 0 ... *  |   |   | (RES...ion) |
| └ h17:code                     | CE     | 0 ... 1  |   |   | (RES...ion) |
|                                | 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 |   | (RES...ion) |
| └ h17:dischargeDispositionCode | CE     | 0 ... 1  |   |   | (RES...ion) |
|                                | CONF   | shall be drawn from concept domain "EncounterDischargeDisposition"   |   |   |             |
| └ h17:responsibleParty         |        | 0 ... 1  |   | Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC) | (RES...ion) |
| └ @typeCode                    |        | 0 ... 1  | F | RESP  |             |
| └ h17:encounterParticipant     |        | 0 ... *  |   |   | (RES...ion) |
| └ @typeCode                    | cs     | 1 ... 1  | R |   |             |
|                                | CONF   | The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19600 x_EncounterParticipant (DYNAMIC) |   |   |             |

|                                   |        |         |   |   |             |
|-----------------------------------|--------|---------|---|---|-------------|
| └ h17:time                        | IVL_TS | 0 ... 1 |   |   | (RES...ion) |
| └ h17:assignedEntity              |        | 1 ... 1 |   | Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)   | (RES...ion) |
| └ h17:location                    |        | 0 ... 1 |   |   | (RES...ion) |
| └ @typeCode                       |        | 0 ... 1 | F | LOC   |             |
| └ h17:healthCareFacility          |        | 1 ... 1 |   |   | (RES...ion) |
| └ @classCode                      |        | 0 ... 1 | F | SDLOC   |             |
| └ h17:id                          | II     | 0 ... * |   |   | (RES...ion) |
| └ h17:code                        | CE     | 0 ... 1 |   |   | (RES...ion) |
|                                   | CONF   |         |   | The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 ServiceDeliveryLocationRoleType (DYNAMIC) |             |
| └ h17:location                    |        | 0 ... 1 |   | Contains 2.16.840.1.113883.10.12.317 CDA Place (DYNAMIC)  | (RES...ion) |
| └ h17:serviceProviderOrganization |        | 0 ... 1 |   | Contains 2.16.840.1.113883.10.12.151 CDA Organization (DYNAMIC)   | (RES...ion) |

## 7.5 Codes und Wertebereiche

### 7.5.1 IVR valueset eye Form (.143.11.43)


|                  |  |                       |                                    |
|------------------|--|-----------------------|------------------------------------|
| <b>Id</b>        | 2.16.756.5.30.1.1.11.58  | <b>Effective Date</b> | 2017-08-12 20:16:48                |
| <b>Status</b>    |  Draft  | <b>Version Label</b>  |                                    |
| <b>Name</b>      | IVR-VS-eyeForm   | <b>Display Name</b>   | IVR valueset eye Form (.143.11.43) |
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|                           |   |
|---------------------------|---|
| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i> |
|---------------------------|---|

| Level/ Type | Code      | Display Name  | Code System           |
|-------------|-----------|---------------|-----------------------|
| 0-L         | 421356009 | Pupil round   | SNOMED Clinical Terms |
| 0-L         | 79017007  | Deformed pupi | SNOMED Clinical Terms |

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

## 7.5.2 IVR valueset location Type (.143.11.42)


|                              |  |                       |   |
|------------------------------|--|-----------------------|---|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.46  | <b>Effective Date</b> | 2017-05-07 18:42:03                     |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>                  | IVR-VS-locationType  | <b>Display Name</b>   | IVR valueset location Type (.143.11.42) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |   |

| Level/ Type | Code      | Display Name     | Code System           |
|-------------|-----------|------------------|-----------------------|
| 0-L         | 257564005 | Apartment        | SNOMED Clinical Terms |
| 0-L         | 257688003 | Residential home | SNOMED Clinical Terms |
| 0-L         | 285141008 | Work environment | SNOMED Clinical Terms |
| 0-L         | 257704009 | Sports ground    | SNOMED Clinical Terms |
| 0-L         | 257710009 | Street           | SNOMED Clinical Terms |


|     |           |                           |                       |
|-----|-----------|---------------------------|-----------------------|
| 0-L | 257674002 | Public building           | SNOMED Clinical Terms |
| 0-L | 257603009 | Educational establishment | SNOMED Clinical Terms |
| 0-L | 83891005  | doctors office            | SNOMED Clinical Terms |
| 0-L | 22232009  | Hospital                  | SNOMED Clinical Terms |
| 0-L | 274409007 | Special care unit         | SNOMED Clinical Terms |
| 0-L | 74964007  | other                     | SNOMED Clinical Terms |
| 0-L | 1000054   | unknown                   | IVR Codesystem RESP   |

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

### 7.5.3 IVR valueset manner of death (.143.11.41)

|               |   |                       |   |
|---------------|---|-----------------------|---|
| <b>Id</b>     | 2.16.756.5.30.1.1.11.45   | <b>Effective Date</b> | 2017-04-09 12:31:55                       |
| <b>Status</b> |  Draft | <b>Version Label</b>  |   |
| <b>Name</b>   | IVR-VS-deathManner  | <b>Display Name</b>   | IVR valueset manner of death (.143.11.41) |


### 7.5.4 IVR valueset result (.143.11.44)

|                           |  |                       |                                  |
|---------------------------|--|-----------------------|----------------------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.59  | <b>Effective Date</b> | 2017-08-12 20:35:29              |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |                                  |
| <b>Name</b>               | IVR-VS-result  | <b>Display Name</b>   | IVR valueset result (.143.11.44) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                                  |

| Level/ Type | Code      | Display Name     | Code System           |
|-------------|-----------|------------------|-----------------------|
| 0-L         | 231877006 | Worse            | SNOMED Clinical Terms |
| 0-L         | 260388006 | No status change | SNOMED Clinical Terms |
| 0-L         | 385425000 | Improved         | SNOMED Clinical Terms |

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

### 7.5.5 IVR valueset airway (143.11.2)


|                           |  |                       |                                |
|---------------------------|--|-----------------------|--------------------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.18  | <b>Effective Date</b> | 2016-09-11 14:30:32            |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |                                |
| <b>Name</b>               | eCH0207-Airway   | <b>Display Name</b>   | IVR valueset airway (143.11.2) |
| <b>Description</b>        | <i>(de-CH)</i> listet die Massnahmen auf, mit denen die Atemwege während dem Einsatz behandelt werden<br clear="none"/>  |                       |                                |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                                |

| Level/ Type | Code      | Display Name              | Code System           |
|-------------|-----------|---------------------------|-----------------------|
| 0-L         | 248553004 | No obstruction of airway  | SNOMED Clinical Terms |
| 0-L         | 710971000 | Maintaining clear airway  | SNOMED Clinical Terms |
| 0-L         | 230040009 | Airway suctioning         | SNOMED Clinical Terms |
| 0-L         | 706177004 | Inhalation therapy device | SNOMED Clinical Terms |
| 0-L         | 74964007  | Other                     | SNOMED Clinical Terms |



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

## 7.5.6 IVR valueset allergy (.143.11.7)


|                              |  |                       |                                  |
|------------------------------|--|-----------------------|----------------------------------|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.19  | <b>Effective Date</b> | 2016-10-08 12:11:29              |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |                                  |
| <b>Name</b>                  | IVR-VS-allergy   | <b>Display Name</b>   | IVR valueset allergy (.143.11.7) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |                                  |

| Level/ Type | Code      | Display Name            | Code System           |
|-------------|-----------|-------------------------|-----------------------|
| 0-L         | 390952000 | Dust allergy            | SNOMED Clinical Terms |
| 0-L         | 418689008 | Allergy to grass pollen | SNOMED Clinical Terms |
| 0-L         | 419263009 | Allergy to tree pollen  | SNOMED Clinical Terms |
| 0-L         | 300911008 | Allergy to animal hair  | SNOMED Clinical Terms |
| 0-L         | 716187007 | Allergy to insects      | SNOMED Clinical Terms |
| 0-L         | 414285001 | Food allergy            | SNOMED Clinical Terms |
| 0-L         | 416098002 | Drug allergy            | SNOMED Clinical Terms |
| 0-L         | 1000057   | see attachment          | IVR Codesystem RESP   |
| 0-L         | 716186003 | No known allergy        | SNOMED Clinical Terms |

|     |         |           |                     |
|-----|---------|-----------|---------------------|
| 0-L | 1000055 | not asked | IVR Codesystem RESP |
|-----|---------|-----------|---------------------|

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


### 7.5.7 IVR Valueset ambulance type (143.11.28)

|                           |  |                       |   |
|---------------------------|--|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.33  | <b>Effective Date</b> | 2017-01-07 10:52:58                     |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>               | IVR-VS-ambulanceType   | <b>Display Name</b>   | IVR Valueset ambulance type (143.11.28) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |   |

| Level/ Type | Code      | Display Name                 | Code System           |
|-------------|-----------|------------------------------|-----------------------|
| 0-L         | 83887000  | Rescue vehicle               | SNOMED Clinical Terms |
| 0-L         | 465341007 | Automobile ambulance         | SNOMED Clinical Terms |
| 0-L         | 55121009  | Light land transport vehicle | SNOMED Clinical Terms |
| 0-L         | 469233002 | Helicopter ambulance         | SNOMED Clinical Terms |
| 0-L         | 73957001  | Air transport ambulance      | SNOMED Clinical Terms |

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


## 7.5.8 IVR valueset blood pressure method (.143.11.47)

|                           |  |                       |   |
|---------------------------|--|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.62  | <b>Effective Date</b> | 2017-08-13 00:46:55                             |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>               | IVR-VS-pressureMethod  | <b>Display Name</b>   | IVR valueset blood pressure method (.143.11.47) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - SNOMED Clinical Terms   |                       |   |

| Level/ Type | Code     | Display Name | Code System           | Designations |
|-------------|----------|--------------|-----------------------|--------------|
| 0-L         | 22762002 | Non-invasive | SNOMED Clinical Terms |              |

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

## 7.5.9 IVR valueset cold exposure (.143.11.50)


|                           |   |                       |   |
|---------------------------|---|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.65   | <b>Effective Date</b> | 2017-08-16 22:21:57                     |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |   |
| <b>Name</b>               | IVR-VS-coldExposure   | <b>Display Name</b>   | IVR valueset cold exposure (.143.11.50) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |   |

| Level/ Type | Code    | Display Name            | Code System         |
|-------------|---------|-------------------------|---------------------|
| 0-L         | 1000146 | fourth-degree frostbite | IVR Codesystem RESP |
| 0-L         | 1000145 | third-degree frostbite  | IVR Codesystem RESP |

|     |         |                         |                     |
|-----|---------|-------------------------|---------------------|
| 0-L | 1000144 | second-degree frostbite | IVR Codesystem RESP |
| 0-L | 1000143 | first-degree frostbite  | IVR Codesystem RESP |

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


### 7.5.10 IVR Valueset diagnosis (..143.11.20)

|                              |  |                       |                                      |
|------------------------------|--|-----------------------|--------------------------------------|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.25  | <b>Effective Date</b> | 2016-11-19 10:04:24                  |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |                                      |
| <b>Name</b>                  | diagnosis  | <b>Display Name</b>   | IVR Valueset diagnosis (..143.11.20) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>1.2.276.0.76.5.409 - <i>ICD10</i>   |                       |                                      |

| Level/ Type | Code  | Display Name  | Code System           |
|-------------|-------|---|-----------------------|
| 0-L         | R56.0 | Febrile convulsions                                     | SNOMED Clinical Terms |
| 0-L         | F44.5 | Dissociative convulsions                                | SNOMED Clinical Terms |
| 0-L         | G45.9 | Transient cerebral ischaemic attack, unspecified        | SNOMED Clinical Terms |
| 0-L         | I21.0 | Acute transmural myocardial infarction of anterior wall | ICD10                 |

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


### 7.5.11 IVR valueset diagnosis type (.143.11.16)

|                           |  |                       |  |
|---------------------------|--|-----------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.24  | <b>Effective Date</b> | 2016-11-13 16:10:32                      |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |  |
| <b>Name</b>               | IVR-VS-diagType  | <b>Display Name</b>   | IVR valueset diagnosis type (.143.11.16) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |  |

| Level/ Type | Code     | Display Name           | Code System           |
|-------------|----------|------------------------|-----------------------|
| 0-L         | 47965005 | differential diagnosis | SNOMED Clinical Terms |
| 0-L         | 14657009 | established diagnosis  | SNOMED Clinical Terms |
| 0-L         | 2931005  | probable diagnosis     | SNOMED Clinical Terms |

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


### 7.5.12 IVR valueset event (.143.11.15)

|                              |  |                       |                                 |
|------------------------------|--|-----------------------|---------------------------------|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.23  | <b>Effective Date</b> | 2016-11-13 15:50:40             |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |                                 |
| <b>Name</b>                  | IVR-VS-event   | <b>Display Name</b>   | IVR valueset event (.143.11.15) |
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| <b>2 Source Code Systems</b> | 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i><br>2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                                 |

| Level/ Type | Code          | Display Name       | Code System           |
|-------------|---------------|--------------------|-----------------------|
| 0-L         | 100005        | no information     | IVR Codesystem RESP   |
| 0-L         | 39104002      | Illness            | SNOMED Clinical Terms |
| 0-L         | 52684005      | Assault            | SNOMED Clinical Terms |
| 0-L         | 19440001      | Explosion          | SNOMED Clinical Terms |
| 0-L         | 80032004      | Fire               | SNOMED Clinical Terms |
| 0-L         | 1912002       | Fall               | SNOMED Clinical Terms |
| 0-L         | 7542004       | Work Accident      | SNOMED Clinical Terms |
| 0-L         | 57701003      | Sports Accident    | SNOMED Clinical Terms |
| 0-L         | 1631000175102 | Patient not asked  | SNOMED Clinical Terms |
| 0-L         | 79573009      | Household Accident | SNOMED Clinical Terms |
| 0-L         | 242089005     | Traffic accident   | SNOMED Clinical Terms |
| 0-L         | 74964007      | Other              | SNOMED Clinical Terms |
| 0-L         | 261665006     | Unknown            | SNOMED Clinical Terms |

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

### 7.5.13 IVR valueset findings airway (.143.11.39)


|                  |  |                       |   |
|------------------|--|-----------------------|---|
| <b>Id</b>        | 2.16.756.5.30.1.1.11.42  | <b>Effective Date</b> | 2017-04-08 11:43:56                       |
| <b>Status</b>    |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>      | IVR-VS-findingsAirway  | <b>Display Name</b>   | IVR valueset findings airway (.143.11.39) |
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|                           |  |
|---------------------------|--|
| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - SNOMED Clinical Terms |
|---------------------------|--|

| Level/ Type | Code      | Display Name          | Code System           |
|-------------|-----------|-----------------------|-----------------------|
| 0-L         | 23875004  | No pathologic finding | SNOMED Clinical Terms |
| 0-L         | 263821009 | Obstructed            | SNOMED Clinical Terms |
| 0-L         | 68052005  | Pulmonary aspiration  | SNOMED Clinical Terms |
| 0-L         | 52765003  | Intubation            | SNOMED Clinical Terms |
| 0-L         | 48387007  | Tracheostomy          | SNOMED Clinical Terms |
| 0-L         | 301287002 | Expiratory stridor    | SNOMED Clinical Terms |
| 0-L         | 58596002  | Inspiratory stridor   | SNOMED Clinical Terms |
| 0-L         | 17621005  | Normal                | SNOMED Clinical Terms |

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


#### 7.5.14 IVR valueset form of violence (143.11.25)

|                              |  |                       |   |
|------------------------------|--|-----------------------|---|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.30  | <b>Effective Date</b> | 2016-12-31 11:02:43                       |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>                  | IVR-VS-violenceForm  | <b>Display Name</b>   | IVR valueset form of violence (143.11.25) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - SNOMED Clinical Terms<br>2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP  |                       |   |

| Level/ Type | Code      | Display Name                  | Code System           |
|-------------|-----------|-------------------------------|-----------------------|
| 0-L         | 260413007 | None                          | SNOMED Clinical Terms |
| 0-L         | 1000043   | contumeliousness              | IVR Codesystem RESP   |
| 0-L         | 284616006 | Verbally threatening          | SNOMED Clinical Terms |
| 0-L         | 1000044   | pelting with items            | IVR Codesystem RESP   |
| 0-L         | 12405001  | Spitting                      | SNOMED Clinical Terms |
| 0-L         | 1000045   | unwanted touching             | IVR Codesystem RESP   |
| 0-L         | 1000046   | hustling                      | IVR Codesystem RESP   |
| 0-L         | 1000049   | slight corporal attack        | IVR Codesystem RESP   |
| 0-L         | 1000050   | schwerer körperlicher Angriff | IVR Codesystem RESP   |
| 0-L         | 1000059   | threat with weapon            | IVR Codesystem RESP   |
| 0-L         | 1000060   | violation by weapon           | IVR Codesystem RESP   |
| 0-L         | 248109002 | Sexual offence                | SNOMED Clinical Terms |
| 0-L         | 74964007  | Other                         | SNOMED Clinical Terms |

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

### 7.5.15 IVR valueset formation (.143.11.9)

|                  |  |                       |                                    |
|------------------|--|-----------------------|------------------------------------|
| <b>Id</b>        | 2.16.756.5.30.1.1.11.21  | <b>Effective Date</b> | 2016-10-23 19:48:02                |
| <b>Status</b>    |  Draft  | <b>Version Label</b>  |                                    |
| <b>Name</b>      | IVR-VS-formation   | <b>Display Name</b>   | IVR valueset formation (.143.11.9) |
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|                              |  |
|------------------------------|--|
| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - SNOMED Clinical Terms |
|                              | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP  |

| Level/ Type | Code      | Display Name                  | Code System           |
|-------------|-----------|-------------------------------|-----------------------|
| 0-L         | 397897005 | Paramedic                     | SNOMED Clinical Terms |
| 0-L         | 1000010   | paramedic-on-training         | IVR Codesystem RESP   |
| 0-L         | 159738005 | Ambulanceman                  | SNOMED Clinical Terms |
| 0-L         | 1000011   | Ambulanceman-on-training      | IVR Codesystem RESP   |
| 0-L         | 309294001 | Accident and Emergency doctor | SNOMED Clinical Terms |
| 0-L         | 309445003 | Anesthetic nurse              | SNOMED Clinical Terms |
| 0-L         | 309453006 | Registered midwife            | SNOMED Clinical Terms |
| 0-L         | 106292003 | Professional nurse            | SNOMED Clinical Terms |
| 0-L         | 224535009 | Registered nurse              | SNOMED Clinical Terms |

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

### 7.5.16 IVR valueset GCS Augenöffnung (143.11.34)


|                           |   |                       |   |
|---------------------------|---|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.14   | <b>Effective Date</b> | 2016-07-30 11:54:00                       |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |   |
| <b>Name</b>               | GCS_Augenöffnung  | <b>Display Name</b>   | IVR valueset GCS Augenöffnung (143.11.34) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |   |

| Level/ Type | Code | Display Name | Code System |
|-------------|------|--------------|-------------|
|-------------|------|--------------|-------------|

|     |   |                  |                     |
|-----|---|------------------|---------------------|
| 0-L | 1 | keine Reaktion   | IVR Codesystem RESP |
| 0-L | 2 | auf Schmerzreiz  | IVR Codesystem RESP |
| 0-L | 3 | auf Aufforderung | IVR Codesystem RESP |
| 0-L | 4 | spontan          | IVR Codesystem RESP |

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


### 7.5.17 IVR valueset GCS motorische Reaktion (.143.11.35)

|                           |   |                       |   |
|---------------------------|---|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.16   | <b>Effective Date</b> | 2016-07-30 12:05:22                               |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |   |
| <b>Name</b>               | gcsMotoric  | <b>Display Name</b>   | IVR valueset GCS motorische Reaktion (.143.11.35) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |   |

| Level/ Type | Code | Display Name                   | Code System         |
|-------------|------|--------------------------------|---------------------|
| 0-L         | 1    | keine Reaktion auf Schmerzreiz | IVR Codesystem RESP |
| 0-L         | 2    | auf Schmerz Strecksynergismen  | IVR Codesystem RESP |
| 0-L         | 3    | auf Schmerz Beugesynergismen   | IVR Codesystem RESP |
| 0-L         | 4    | ungezielte Schmerzabwehr       | IVR Codesystem RESP |
| 0-L         | 5    | gezielte Schmerzabwehr         | IVR Codesystem RESP |
| 0-L         | 6    | befolgt Aufforderungen         | IVR Codesystem RESP |

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


### 7.5.18 IVR valueset GCS Verbale Kommunikation(.143.11.36)

|                           |   |                       |  |
|---------------------------|---|-----------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.15   | <b>Effective Date</b> | 2016-07-30 12:00:03                                |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |  |
| <b>Name</b>               | gcsVerbal   | <b>Display Name</b>   | IVR valueset GCS Verbale Kommunikation(.143.11.36) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |  |

| Level/ Type | Code | Display Name                      | Code System         |
|-------------|------|-----------------------------------|---------------------|
| 0-L         | 1    | keine verbale Reaktion            | IVR Codesystem RESP |
| 0-L         | 2    | unverständliche Laute             | IVR Codesystem RESP |
| 0-L         | 3    | unzusammenhängende Worte          | IVR Codesystem RESP |
| 0-L         | 4    | konversationsfähig, desorientiert | IVR Codesystem RESP |
| 0-L         | 5    | konversationsfähig, orientiert    | IVR Codesystem RESP |

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

### 7.5.19 IVR valueset heat exposure (.143.11.51)

|                           |   |                       |   |
|---------------------------|---|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.66   | <b>Effective Date</b> | 2017-08-16 22:47:01                     |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |   |
| <b>Name</b>               | IVR-VS-heatExposure   | <b>Display Name</b>   | IVR valueset heat exposure (.143.11.51) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |   |

| Level/ Type | Code | Display Name | Code System |
|-------------|------|--------------|-------------|
|-------------|------|--------------|-------------|

|     |         |                    |                     |
|-----|---------|--------------------|---------------------|
| 0-L | 1000149 | third-degree burn  | IVR Codesystem RESP |
| 0-L | 1000148 | second-degree burn | IVR Codesystem RESP |
| 0-L | 1000147 | first-degree burn  | IVR Codesystem RESP |

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


### 7.5.20 IVR valueset identification medium (.143.11.30)

|                           |   |                       |   |
|---------------------------|---|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.35                       | <b>Effective Date</b> | 2017-01-07 11:47:28                             |
| <b>Status</b>             | ● Draft                                       | <b>Version Label</b>  |   |
| <b>Name</b>               | IVR-VS-idMedium                               | <b>Display Name</b>   | IVR valueset identification medium (.143.11.30) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP |                       |   |

| Level/ Type | Code    | Display Name               | Code System         |
|-------------|---------|----------------------------|---------------------|
| 0-L         | 1000053 | Identity card              | IVR Codesystem RESP |
| 0-L         | 1000061 | passport                   | IVR Codesystem RESP |
| 0-L         | 1000062 | Health insurance card      | IVR Codesystem RESP |
| 0-L         | 1000063 | Driver license             | IVR Codesystem RESP |
| 0-L         | 1000064 | personal statement         | IVR Codesystem RESP |
| 0-L         | 1000065 | Credit card                | IVR Codesystem RESP |
| 0-L         | 1000066 | other identification piece | IVR Codesystem RESP |

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


### 7.5.21 IVR valueset identification source (143.11.29)

|                              |  |                       |  |
|------------------------------|--|-----------------------|--|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.34  | <b>Effective Date</b> | 2017-01-07 11:40:47                            |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |  |
| <b>Name</b>                  | IVR-VS-idSource  | <b>Display Name</b>   | IVR valueset identification source (143.11.29) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |  |

| Level/ Type | Code      | Display Name              | Code System           |
|-------------|-----------|---------------------------|-----------------------|
| 0-L         | 116154003 | Patient                   | SNOMED Clinical Terms |
| 0-L         | 125677006 | Relative                  | SNOMED Clinical Terms |
| 0-L         | 14406004  | Police officer            | SNOMED Clinical Terms |
| 0-L         | 1000022   | witness                   | IVR Codesystem RESP   |
| 0-L         | 1000067   | identification impossible | IVR Codesystem RESP   |

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


### 7.5.22 IVR valueset infectiontransport precaution personnel

|                  |  |                       |  |
|------------------|--|-----------------------|--|
| <b>Id</b>        | 2.16.756.5.30.1.1.11.53  | <b>Effective Date</b> | 2016-07-24 18:51:53                                  |
| <b>Status</b>    |  Draft  | <b>Version Label</b>  |  |
| <b>Name</b>      | ech0207-InfectPersPrecaution   | <b>Display Name</b>   | IVR valueset infectiontransport precaution personnel |
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| 2 Source Code Systems                                 |           |                                    |                       |
|---|-----------|------------------------------------|-----------------------|
| 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |           |                                    |                       |
| 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i> |           |                                    |                       |
| Level/ Type   | Code      | Display Name                       | Code System           |
| 0-L   | 1000068   | disinfection of hands by Virugard  | IVR Codesystem RESP   |
| 0-L   | 1000069   | disinfection of hands by Sterilium | IVR Codesystem RESP   |
| 0-L   | 469008007 | Airway protection face mask        | SNOMED Clinical Terms |
| 0-L   | 38126007  | Safety goggles                     | SNOMED Clinical Terms |
| 0-L   | 52291003  | Gloves                             | SNOMED Clinical Terms |
| 0-L   | 1000070   | operation clothes                  | IVR Codesystem RESP   |
| 0-L   | 1000071   | cloth change after mission         | IVR Codesystem RESP   |
| 0-L   | 1000072   | hazmat suit, ventilated            | IVR Codesystem RESP   |
| 0-L   | 1000073   | other protective action            | IVR Codesystem RESP   |

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


### 7.5.23 IVR valueset intensity (.143.11.27)

|   |  |                       |                                     |
|---|--|-----------------------|-------------------------------------|
| <b>Id</b>   | 2.16.756.5.30.1.1.11.32  | <b>Effective Date</b> | 2016-12-31 11:39:21                 |
| <b>Status</b>   |  Draft  | <b>Version Label</b>  |                                     |
| <b>Name</b>   | IVR-VS-intensity   | <b>Display Name</b>   | IVR valueset intensity (.143.11.27) |
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| <b>2 Source Code Systems</b>                          |  |                       |                                     |
| 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |  |                       |                                     |
| 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i> |  |                       |                                     |

| Level/ Type | Code      | Display Name | Code System           |
|-------------|-----------|--------------|-----------------------|
| 0-L         | 1000074   | not tangible | IVR Codesystem RESP   |
| 0-L         | 260407003 | Weak         | SNOMED Clinical Terms |
| 0-L         | 17621005  | Normal       | SNOMED Clinical Terms |
| 0-L         | 260404005 | Strong       | SNOMED Clinical Terms |

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

### 7.5.24 IVR valueset location (.143.11.23)


|                           |  |                       |                                    |
|---------------------------|--|-----------------------|------------------------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.28  | <b>Effective Date</b> | 2016-12-01 06:15:03                |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |                                    |
| <b>Name</b>               | IVR-VS-location  | <b>Display Name</b>   | IVR valueset location (.143.11.23) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                                    |

| Level/ Type | Code      | Display Name   | Code System           |
|-------------|-----------|----------------|-----------------------|
| 0-L         | 262355008 | Brachial       | SNOMED Clinical Terms |
| 0-L         | 69105007  | Carotid artery | SNOMED Clinical Terms |
| 0-L         | 255575008 | Inguinal       | SNOMED Clinical Terms |
| 0-L         | 261173001 | Radial         | SNOMED Clinical Terms |
| 0-L         | 7771000   | Left           | SNOMED Clinical Terms |

|     |           |          |                       |
|-----|-----------|----------|-----------------------|
| 0-L | 24028007  | Right    | SNOMED Clinical Terms |
| 0-L | 421812003 | Top      | SNOMED Clinical Terms |
| 0-L | 421610009 | Bottom   | SNOMED Clinical Terms |
| 0-L | 26216008  | Central  | SNOMED Clinical Terms |
| 0-L | 263957003 | Axillary | SNOMED Clinical Terms |
| 0-L | 264499004 | Early    | SNOMED Clinical Terms |
| 0-L | 260548002 | Oral     | SNOMED Clinical Terms |
| 0-L | 255582007 | Rectal   | SNOMED Clinical Terms |

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

### 7.5.25 IVR valueset mission Emergency doctor system (.143.11.12)


|                           |   |                       |   |
|---------------------------|---|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.52   | <b>Effective Date</b> | 2016-07-24 16:37:03                                       |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |   |
| <b>Name</b>               | emergDoctSystem   | <b>Display Name</b>   | IVR valueset mission Emergency doctor system (.143.11.12) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |   |

| Level/ Type | Code    | Display Name    | Code System         |
|-------------|---------|-----------------|---------------------|
| 0-L         | 1000004 | residential EMS | IVR Codesystem RESP |
| 0-L         | 1000005 | pickup by EMS   | IVR Codesystem RESP |
| 0-L         | 1000006 | rendezvous      | IVR Codesystem RESP |



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


### 7.5.26 IVR valueset mission type (.143.11.11)

|                           |   |                       |  |
|---------------------------|---|-----------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.48   | <b>Effective Date</b> | 2016-07-24 15:17:45                    |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |  |
| <b>Name</b>               | missionType   | <b>Display Name</b>   | IVR valueset mission type (.143.11.11) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |  |

| Level/ Type | Code    | Display Name      | Code System         |
|-------------|---------|-------------------|---------------------|
| 0-L         | 1000001 | primary mission   | IVR Codesystem RESP |
| 0-L         | 1000002 | secondary mission | IVR Codesystem RESP |
| 0-L         | 1000003 | stand-by mission  | IVR Codesystem RESP |

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

### 7.5.27 IVR valueset NACA


|                           |   |                       |                     |
|---------------------------|---|-----------------------|---------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.50   | <b>Effective Date</b> | 2016-07-20 10:46:11 |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |                     |
| <b>Name</b>               | NACA  | <b>Display Name</b>   | IVR valueset NACA   |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |                     |

| Level/ Type | Code | Display Name | Code System |
|-------------|------|--------------|-------------|
|-------------|------|--------------|-------------|

|     |     |                                    |                     |
|-----|-----|------------------------------------|---------------------|
| 0-L | 0   | keine Verletzung oder Erkrankung   | IVR Codesystem RESP |
| 0-L | I   | geringfügige Störung               | IVR Codesystem RESP |
| 0-L | II  | leichte bis mässig schwere Störung | IVR Codesystem RESP |
| 0-L | III | mässige bis schwere Störung        | IVR Codesystem RESP |
| 0-L | IV  | schwere Störung, lebensbedrohlich  | IVR Codesystem RESP |
| 0-L | V   | akute Lebensgefahr                 | IVR Codesystem RESP |
| 0-L | VI  | Reanimation                        | IVR Codesystem RESP |
| 0-L | VII | Tod                                | IVR Codesystem RESP |

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

### 7.5.28 IVR valueset Observation Respiration (.143.11.22)


|                              |  |                       |   |
|------------------------------|--|-----------------------|---|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.27  | <b>Effective Date</b> | 2016-12-01 05:40:12                               |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>                  | IVR-VS-respirationObservation  | <b>Display Name</b>   | IVR valueset Observation Respiration (.143.11.22) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |   |

| Level/ Type | Code    | Display Name | Code System           |
|-------------|---------|--------------|-----------------------|
| 0-L         | 1023001 | Apnea        | SNOMED Clinical Terms |

|     |           |                            |                       |
|-----|-----------|----------------------------|-----------------------|
| 0-L | 267036007 | Dyspnea                    | SNOMED Clinical Terms |
| 0-L | 86684002  | Bradypnea                  | SNOMED Clinical Terms |
| 0-L | 271823003 | Tachypnea                  | SNOMED Clinical Terms |
| 0-L | 23141003  | Gasping respiration        | SNOMED Clinical Terms |
| 0-L | 3415004   | Cyanosis                   | SNOMED Clinical Terms |
| 0-L | 221360009 | Spasticity                 | SNOMED Clinical Terms |
| 0-L | 1000075   | Stridor links              | IVR Codesystem RESP   |
| 0-L | 100076    | Stridor rechts             | IVR Codesystem RESP   |
| 0-L | 44416002  | Airway constriction        | SNOMED Clinical Terms |
| 0-L | 58840004  | Decreased breath sounds    | SNOMED Clinical Terms |
| 0-L | 65949001  | Increased breath sounds    | SNOMED Clinical Terms |
| 0-L | 1000077   | Respiratory crackles left  | IVR Codesystem RESP   |
| 0-L | 1000078   | Respiratory crackles right | IVR Codesystem RESP   |
| 0-L | 371820004 | Patient ventilated         | SNOMED Clinical Terms |

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


### 7.5.29 IVR valueset offender (143.11.24)

|                  |  |                       |                                   |
|------------------|--|-----------------------|-----------------------------------|
| <b>Id</b>        | 2.16.756.5.30.1.1.11.29  | <b>Effective Date</b> | 2016-12-31 10:45:42               |
| <b>Status</b>    |  Draft  | <b>Version Label</b>  |                                   |
| <b>Name</b>      | IVR-VS-offender  | <b>Display Name</b>   | IVR valueset offender (143.11.24) |
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| 2 Source Code Systems                          |           |                 |                       |
|--|-----------|-----------------|-----------------------|
| 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP  |           |                 |                       |
| 2.16.840.1.113883.6.96 - SNOMED Clinical Terms |           |                 |                       |
| Level/ Type                                    | Code      | Display Name    | Code System           |
| 0-L  | 1000079   | crowd           | IVR Codesystem RESP   |
| 0-L  | 1000080   | person, unknown | IVR Codesystem RESP   |
| 0-L  | 1000081   | person, known   | IVR Codesystem RESP   |
| 0-L  | 25677006  | Relative        | SNOMED Clinical Terms |
| 0-L  | 116154003 | Patient         | SNOMED Clinical Terms |

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


### 7.5.30 IVR valueset owner (.143.11.6)

| <b>Id</b>                                      | 2.16.756.5.30.1.1.11.10  | <b>Effective Date</b> | 2016-07-24 21:08:53            |
|--|--|-----------------------|--------------------------------|
| <b>Status</b>                                  |  Draft  | <b>Version Label</b>  |                                |
| <b>Name</b>                                    | actRespiOwner  | <b>Display Name</b>   | IVR valueset owner (.143.11.6) |
| <b>Description</b>                             | <i>(de-CH)</i> listet Eigentümer von Hilfsmitteln auf<br clear="none"/>  |                       |                                |
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| <b>2 Source Code Systems</b>                   |  |                       |                                |
| 2.16.840.1.113883.6.96 - SNOMED Clinical Terms |  |                       |                                |
| 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP  |  |                       |                                |
| Level/ Type                                    | Code   | Display Name          | Code System                    |

|     |           |                                 |                       |
|-----|-----------|---------------------------------|-----------------------|
| 0-L | 116154003 | Patient                         | SNOMED Clinical Terms |
| 0-L | 1000082   | organisation point of departure | IVR Codesystem RESP   |
| 0-L | 409971007 | Emergency medical services      | SNOMED Clinical Terms |
| 0-L | 1000083   | organisation point of arrival   | IVR Codesystem RESP   |
| 0-L | 74964007  | Other                           | SNOMED Clinical Terms |

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


### 7.5.31 IVR valueset patient

|                              |  |                       |                      |
|------------------------------|--|-----------------------|----------------------|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.67  | <b>Effective Date</b> | 2017-11-28 11:17:25  |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |                      |
| <b>Name</b>                  | IVR-VS-patient   | <b>Display Name</b>   | IVR valueset patient |
| <b>Description</b>           | valueset for patient observation demographics  |                       |                      |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.1 - <i>Logical Observation Identifier Names and Codes</i><br>2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>   |                       |                      |

| Level/ Type | Code      | Display Name                        | Code System                                    | Description     |
|-------------|-----------|-------------------------------------|--|-----------------|
| 0-L         | 66476-3   | Country of citizenship              | Logical Observation Identifier Names and Codes |                 |
| 0-L         | 307117005 | Place of origin (observable entity) | SNOMED Clinical Terms                          | Place of origin |

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


### 7.5.32 IVR valueset urgency

|                           |   |                       |                      |
|---------------------------|---|-----------------------|----------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.51   | <b>Effective Date</b> | 2016-07-24 15:14:43  |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |                      |
| <b>Name</b>               | urgency   | <b>Display Name</b>   | IVR valueset urgency |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |                      |

| Level/ Type | Code    | Display Name  | Code System         |
|-------------|---------|---------------|---------------------|
| 0-L         | 1000007 | with siren    | IVR Codesystem RESP |
| 0-L         | 1000008 | without siren | IVR Codesystem RESP |

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

### 7.5.33 IVR valueset pre-treatment (.143.11.14)


|                              |  |                       |   |
|------------------------------|--|-----------------------|---|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.57  | <b>Effective Date</b> | 2017-08-09 18:10:27                     |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>                  | preTreatmen  | <b>Display Name</b>   | IVR valueset pre-treatment (.143.11.14) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - SNOMED Clinical Terms<br>2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP  |                       |   |

| Level/ Type | Code | Display Name | Code System |
|-------------|------|--------------|-------------|
|-------------|------|--------------|-------------|

|     |           |                         |                       |
|-----|-----------|-------------------------|-----------------------|
| 0-L | 223366009 | Healthcare professional | SNOMED Clinical Terms |
| 0-L | 1000142   | first responder         | IVR Codesystem RESP   |
| 0-L | 260413007 | None                    | SNOMED Clinical Terms |
| 0-L | 1000084   | non-professional        | IVR Codesystem RESP   |

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

### 7.5.34 IVR valueset pre-treatment type (.143.11.13)


|                           |  |                       |  |
|---------------------------|--|-----------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.13  | <b>Effective Date</b> | 2016-07-24 21:34:08                          |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |  |
| <b>Name</b>               | preTreatType   | <b>Display Name</b>   | IVR valueset pre-treatment type (.143.11.13) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |  |

| Level/ Type | Code      | Display Name                  | Code System           |
|-------------|-----------|-------------------------------|-----------------------|
| 0-L         | 373784005 | Dispensing medication         | SNOMED Clinical Terms |
| 0-L         | 260413007 | None                          | SNOMED Clinical Terms |
| 0-L         | 386308007 | First aid                     | SNOMED Clinical Terms |
| 0-L         | 266700009 | Ventilation Assistance        | SNOMED Clinical Terms |
| 0-L         | 89666000  | Cardiopulmonary resuscitation | SNOMED Clinical Terms |
| 0-L         | 19257004  | Defibrillator                 | SNOMED Clinical Terms |

|     |          |       |                       |
|-----|----------|-------|-----------------------|
| 0-L | 74964007 | Other | SNOMED Clinical Terms |
|-----|----------|-------|-----------------------|

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

### 7.5.35 IVR valueset priority hospital

|                           |  |                       |                                |
|---------------------------|--|-----------------------|--------------------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.55  | <b>Effective Date</b> | 2017-06-20 21:09:36            |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |                                |
| <b>Name</b>               | eCH0207:hospitalPriority   | <b>Display Name</b>   | IVR valueset priority hospital |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                                |

| Level/ Type | Code      | Display Name | Code System           |
|-------------|-----------|--------------|-----------------------|
| 0-L         | 371246006 | green        | SNOMED Clinical Terms |
| 0-L         | 371240000 | red          | SNOMED Clinical Terms |
| 0-L         | 263935005 | yellow       | SNOMED Clinical Terms |

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

### 7.5.36 IVR valueset procedure airway type (.143.11.40)

|           |                         |                       |                     |
|-----------|-------------------------|-----------------------|---------------------|
| <b>Id</b> | 2.16.756.5.30.1.1.11.43 | <b>Effective Date</b> | 2017-04-08 12:13:54 |
|-----------|-------------------------|-----------------------|---------------------|



|                           |  |                      |   |
|---------------------------|--|----------------------|---|
| <b>Status</b>             | ● Draft  | <b>Version Label</b> |   |
| <b>Name</b>               | IVR-VS-procAirType   | <b>Display Name</b>  | IVR valueset procedure airway type (.143.11.40) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                      |   |

| Level/ Type | Code      | Display Name                 | Code System           |
|-------------|-----------|------------------------------|-----------------------|
| 0-L         | 52765003  | Intubation                   | SNOMED Clinical Terms |
| 0-L         | 230040009 | Airway suctioning            | SNOMED Clinical Terms |
| 0-L         | 710971000 | Maintaining airway clearance | SNOMED Clinical Terms |
| 0-L         | 232666000 | Jaw thrust                   | SNOMED Clinical Terms |

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


### 7.5.37 IVR valueset pulse method (.143.11.48)

|                              |  |                       |  |
|------------------------------|--|-----------------------|--|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.63  | <b>Effective Date</b> | 2017-08-13 00:55:14                    |
| <b>Status</b>                | ● Draft  | <b>Version Label</b>  |  |
| <b>Name</b>                  | IVR.VS.pulseMethod   | <b>Display Name</b>   | IVR valueset pulse method (.143.11.48) |
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| <b>2 Source Code Systems</b> | 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i><br>2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |  |

| Level/ Type | Code      | Display Name | Code System           |
|-------------|-----------|--------------|-----------------------|
| 0-L         | 1000141   | 12pol EKG    | IVR Codesystem RESP   |
| 0-L         | 1000140   | 4pol EKG     | IVR Codesystem RESP   |
| 0-L         | 1000139   | 3pol EKG     | IVR Codesystem RESP   |
| 0-L         | 113011001 | Palpation    | SNOMED Clinical Terms |

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


### 7.5.38 IVR valueset pulse result (.143.11.49)

|                           |  |                       |  |
|---------------------------|--|-----------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.64  | <b>Effective Date</b> | 2017-08-13 01:15:36                    |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |  |
| <b>Name</b>               | IVR-VS-pulesResult   | <b>Display Name</b>   | IVR valueset pulse result (.143.11.49) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |  |

| Level/ Type | Code      | Display Name | Code System           |
|-------------|-----------|--------------|-----------------------|
| 0-L         | 397829000 | Asystole     | SNOMED Clinical Terms |
| 0-L         | 3424008   | Tachycardia  | SNOMED Clinical Terms |
| 0-L         | 48867003  | Bradycardia  | SNOMED Clinical Terms |

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


## 7.5.39 IVR valueset Recovery Aid (.143.11.3)

|                              |  |                       |                                       |
|------------------------------|--|-----------------------|---------------------------------------|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.11  | <b>Effective Date</b> | 2016-07-24 21:18:49                   |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |                                       |
| <b>Name</b>                  | actRecovAid  | <b>Display Name</b>   | IVR valueset Recovery Aid (.143.11.3) |
| <b>Description</b>           | <i>(de-CH)</i> listet die Hilfsmittel auf, welche bei der Bergung und beim Transport des Patienten verwendet werden<br clear="none"/>  |                       |                                       |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |                                       |

| Level/ Type | Code      | Display Name    | Code System           |
|-------------|-----------|-----------------|-----------------------|
| 0-L         | 156009    | Spine board     | SNOMED Clinical Terms |
| 0-L         | 63562005  | Cervical collar | SNOMED Clinical Terms |
| 0-L         | 89149003  | Stretcher       | SNOMED Clinical Terms |
| 0-L         | 1000085   | vacuum pillow   | IVR Codesystem RESP   |
| 0-L         | 1000086   | vacuum mattress | IVR Codesystem RESP   |
| 0-L         | 1000087   | carrying chair  | IVR Codesystem RESP   |
| 0-L         | 257389003 | Lap belt        | SNOMED Clinical Terms |
| 0-L         | 1000088   | KED system      | IVR Codesystem RESP   |
| 0-L         | 1000089   | Sam Splint      | IVR Codesystem RESP   |
| 0-L         | 1000090   | Sam Sling       | IVR Codesystem RESP   |
| 0-L         | 1000091   | Maxi Cosi       | IVR Codesystem RESP   |
| 0-L         | 74964007  | Other           | SNOMED Clinical Terms |

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

#### 7.5.40 IVR valueset result of violence (.143.11.26)

|                              |  |                       |  |
|------------------------------|--|-----------------------|--|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.31  | <b>Effective Date</b> | 2016-12-31 11:08:42                          |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |  |
| <b>Name</b>                  | IVR-VS-violenceResult  | <b>Display Name</b>   | IVR valueset result of violence (.143.11.26) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |  |

| Level/ Type | Code      | Display Name                    | Code System           |
|-------------|-----------|---------------------------------|-----------------------|
| 0-L         | 260413007 | None                            | SNOMED Clinical Terms |
| 0-L         | 1000094   | obstruction of mission          | IVR Codesystem RESP   |
| 0-L         | 1000093   | violation of personal integrity | IVR Codesystem RESP   |
| 0-L         | 52684005  | Assault                         | SNOMED Clinical Terms |
| 0-L         | 1000092   | property damage                 | IVR Codesystem RESP   |
| 0-L         | 74964007  | Other                           | SNOMED Clinical Terms |

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

#### 7.5.41 IVR valueset role (.143.11.21)


|               |   |                       |                     |
|---------------|---|-----------------------|---------------------|
| <b>Id</b>     | 2.16.756.5.30.1.1.11.26   | <b>Effective Date</b> | 2016-11-19 12:32:18 |
| <b>Status</b> |  Draft | <b>Version Label</b>  |                     |

|                              |  |                     |                                |
|------------------------------|--|---------------------|--------------------------------|
| <b>Name</b>                  | ech0207-personRole   | <b>Display Name</b> | IVR valueset role (.143.11.21) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                     |                                |

| Level/ Type | Code     | Display Name         | Code System           |
|-------------|----------|----------------------|-----------------------|
| 0-L         | 74964007 | Other                | SNOMED Clinical Terms |
| 0-L         | 1000095  | escort               | IVR Codesystem RESP   |
| 0-L         | 1000096  | inheritor            | IVR Codesystem RESP   |
| 0-L         | 1000097  | principal            | IVR Codesystem RESP   |
| 0-L         | 1000098  | legal representative | IVR Codesystem RESP   |
| 0-L         | 1000099  | parents              | IVR Codesystem RESP   |

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

#### 7.5.42 IVR valueset role mission time (.143.11.10)


|                           |   |                       |   |
|---------------------------|---|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.22   | <b>Effective Date</b> | 2016-10-23 20:05:25                         |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |   |
| <b>Name</b>               | IVR-VS-missionTimeRole  | <b>Display Name</b>   | IVR valueset role mission time (.143.11.10) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>                                      |                       |   |

| Level/ Type | Code | Display Name | Code System |
|-------------|------|--------------|-------------|
|-------------|------|--------------|-------------|

|     |         |                       |                     |
|-----|---------|-----------------------|---------------------|
| 0-L | 1000033 | alarm                 | IVR Codesystem RESP |
| 0-L | 1000034 | disposition           | IVR Codesystem RESP |
| 0-L | 1000035 | rollout               | IVR Codesystem RESP |
| 0-L | 1000036 | arrival on scene      | IVR Codesystem RESP |
| 0-L | 1000037 | arrival patient       | IVR Codesystem RESP |
| 0-L | 1000038 | departure from scene  | IVR Codesystem RESP |
| 0-L | 1000039 | arrival at target     | IVR Codesystem RESP |
| 0-L | 1000040 | handover patient      | IVR Codesystem RESP |
| 0-L | 1000041 | departure from target | IVR Codesystem RESP |
| 0-L | 1000042 | operational readiness | IVR Codesystem RESP |

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

### 7.5.43 IVR valueset role team (.143.11.8)

|                              |  |                       |                                    |
|------------------------------|--|-----------------------|------------------------------------|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.20  | <b>Effective Date</b> | 2016-10-23 19:21:35                |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |                                    |
| <b>Name</b>                  | IVR-VS-teamRole  | <b>Display Name</b>   | IVR valueset role team (.143.11.8) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |                                    |

| Level/ Type | Code      | Display Name       | Code System           |
|-------------|-----------|--------------------|-----------------------|
| 0-L         | 28411006  | Neonatologist      | SNOMED Clinical Terms |
| 0-L         | 224549000 | Neonatal nurse     | SNOMED Clinical Terms |
| 0-L         | 1000138   | flight assistant   | IVR Codesystem RESP   |
| 0-L         | 308040008 | pilot              | SNOMED Clinical Terms |
| 0-L         | 133932002 | Caregiver          | SNOMED Clinical Terms |
| 0-L         | 1000013   | driver             | IVR Codesystem RESP   |
| 0-L         | 1000014   | trainee            | IVR Codesystem RESP   |
| 0-L         | 309343006 | pysician           | SNOMED Clinical Terms |
| 0-L         | 1000016   | attending doctor   | IVR Codesystem RESP   |
| 0-L         | 309453006 | Registered midwife | SNOMED Clinical Terms |
| 0-L         | 106292003 | Professional nurse | SNOMED Clinical Terms |
| 0-L         | 1000020   | apprentice         | IVR Codesystem RESP   |
| 0-L         | 1000021   | security force     | IVR Codesystem RESP   |
| 0-L         | 74964007  | Other              | SNOMED Clinical Terms |
| 0-L         | 62247001  | family doctor      | SNOMED Clinical Terms |

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


#### 7.5.44 IVR valueset sections

|               |   |                       |                       |
|---------------|---|-----------------------|-----------------------|
| <b>Id</b>     | 2.16.756.5.30.1.1.11.47   | <b>Effective Date</b> | 2017-06-12 11:26:36   |
| <b>Status</b> |  Draft | <b>Version Label</b>  |                       |
| <b>Name</b>   | IVRValuesetSection  | <b>Display Name</b>   | IVR valueset sections |

| <b>Description</b>        | Values for sections codes                     |               |                     |             |
|---------------------------|---|---------------|---------------------|-------------|
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP |               |                     |             |
| Level/ Type               | Code  | Display Name  | Code System         | Description |
| 0-L                       | 1100001                                       | Einsatz       | IVR Codesystem RESP |             |
| 0-L                       | 1100002                                       | Patient       | IVR Codesystem RESP |             |
| 0-L                       | 1100003                                       | Administrativ | IVR Codesystem RESP |             |
| 0-L                       | 1100004                                       | Vorbehandlung | IVR Codesystem RESP |             |
| 0-L                       | 1100005                                       | Anamnese      | IVR Codesystem RESP |             |
| 0-L                       | 1100006                                       | Befund        | IVR Codesystem RESP |             |
| 0-L                       | 1100007                                       | Diagnosen     | IVR Codesystem RESP |             |
| 0-L                       | 1100008                                       | Massnahmen    | IVR Codesystem RESP |             |
| 0-L                       | 1100009                                       | Todesfall     | IVR Codesystem RESP |             |
| 0-L                       | 1100010                                       | Transport     | IVR Codesystem RESP |             |
| 0-L                       | 1100011                                       | Übergabe      | IVR Codesystem RESP |             |

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

### 7.5.45 IVR Valueset sex (.143.11.31)

|                  |  |                       |                               |
|------------------|--|-----------------------|-------------------------------|
| <b>Id</b>        | 2.16.756.5.30.1.1.11.36  | <b>Effective Date</b> | 2017-01-07 11:50:04           |
| <b>Status</b>    |  Draft  | <b>Version Label</b>  |                               |
| <b>Name</b>      | IVR-VS-sex   | <b>Display Name</b>   | IVR Valueset sex (.143.11.31) |
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|                           |   |
|---------------------------|---|
| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i> |
|---------------------------|---|

| Level/ Type | Code      | Display Name        | Code System           |
|-------------|-----------|---------------------|-----------------------|
| 0-L         | 248152002 | female              | SNOMED Clinical Terms |
| 0-L         | 248153007 | male                | SNOMED Clinical Terms |
| 0-L         | 184115007 | patient sex unknown | SNOMED Clinical Terms |

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

#### 7.5.46 IVR Valueset size

|                           |  |                       |                     |
|---------------------------|--|-----------------------|---------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.56  | <b>Effective Date</b> | 2017-06-27 23:47:12 |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |                     |
| <b>Name</b>               | IVR-VS-size  | <b>Display Name</b>   | IVR Valueset size   |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                     |

| Level/ Type | Code      | Display Name | Code System           |
|-------------|-----------|--------------|-----------------------|
| 0-L         | 260376009 | Enlarged     | SNOMED Clinical Terms |
| 0-L         | 255509001 | Large        | SNOMED Clinical Terms |
| 0-L         | 17621005  | Normal       | SNOMED Clinical Terms |
| 0-L         | 255507004 | Small        | SNOMED Clinical Terms |

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


### 7.5.47 IVR valueset status change

|                           |  |                       |                            |
|---------------------------|--|-----------------------|----------------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.49  | <b>Effective Date</b> | 2016-07-20 10:15:12        |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |                            |
| <b>Name</b>               | ZUB  | <b>Display Name</b>   | IVR valueset status change |
| <b>Description</b>        | <i>(de-CH)</i> Veränderung des Zustands des Patienten zwischen Eintreffen am Einsatzort bis zur Übergabe am Zielort  |                       |                            |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                            |

| Level/ Type | Code      | Display Name            | Code System           | Designations |
|-------------|-----------|-------------------------|-----------------------|--------------|
| 0-L         | 390771008 | improvement of status   | SNOMED Clinical Terms |              |
| 0-L         | 260388006 | no status change        | SNOMED Clinical Terms |              |
| 0-L         | 390772001 | deterioration of status | SNOMED Clinical Terms |              |

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

### 7.5.48 IVR valueset symptom (.143.11.38)

|                  |  |                       |                                   |
|------------------|--|-----------------------|-----------------------------------|
| <b>Id</b>        | 2.16.756.5.30.1.1.11.41  | <b>Effective Date</b> | 2017-04-08 10:56:43               |
| <b>Status</b>    |  Draft  | <b>Version Label</b>  |                                   |
| <b>Name</b>      | IVR-VS-symptom   | <b>Display Name</b>   | IVR valueset symptom (.143.11.38) |
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## 2 Source Code Systems


2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP  
 2.16.840.1.113883.6.96 - SNOMED Clinical Terms

| Level/ Type | Code      | Display Name    | Code System           | Designations |
|-------------|-----------|-----------------|-----------------------|--------------|
| 0-L         | 1000055   | not asked       | IVR Codesystem RESP   |              |
| 0-L         | 1000058   | no information  | IVR Codesystem RESP   |              |
| 0-L         | 1000057   | see attachment  | IVR Codesystem RESP   |              |
| 0-L         | 24199005  | Agitation       | SNOMED Clinical Terms |              |
| 0-L         | 267036007 | Dyspnea         | SNOMED Clinical Terms |              |
| 0-L         | 418107008 | Unconsciousness | SNOMED Clinical Terms |              |
| 0-L         | 131148009 | Bleeding        | SNOMED Clinical Terms |              |
| 0-L         | 62315008  | Diarrhea        | SNOMED Clinical Terms |              |
| 0-L         | 422400008 | Vomiting        | SNOMED Clinical Terms |              |
| 0-L         | 386661006 | Fever           | SNOMED Clinical Terms |              |
| 0-L         | 3424008   | Tachycardia     | SNOMED Clinical Terms |              |
| 0-L         | 418363000 | Pruritus        | SNOMED Clinical Terms |              |
| 0-L         | 91175000  | Seizure         | SNOMED Clinical Terms |              |
| 0-L         | 44695005  | Paralysis       | SNOMED Clinical Terms |              |
| 0-L         | 80313002  | Palpitations    | SNOMED Clinical Terms |              |
| 0-L         | 21522001  | Abdominal pain  | SNOMED Clinical Terms |              |
| 0-L         | 29857009  | Chest pain      | SNOMED Clinical Terms |              |
| 0-L         | 162397003 | Pain in throat  | SNOMED Clinical Terms |              |
| 0-L         | 25064002  | Headache        | SNOMED Clinical Terms |              |
| 0-L         | 16001004  | Otalgia         | SNOMED Clinical Terms |              |

|     |           |                 |                       |
|-----|-----------|-----------------|-----------------------|
| 0-L | 161891005 | Backache        | SNOMED Clinical Terms |
| 0-L | 27355003  | Toothache       | SNOMED Clinical Terms |
| 0-L | 399153001 | Vertigo         | SNOMED Clinical Terms |
| 0-L | 271594007 | Syncope         | SNOMED Clinical Terms |
| 0-L | 247412007 | Childbirth pain | SNOMED Clinical Terms |
| 0-L | 422587007 | Nausea          | SNOMED Clinical Terms |
| 0-L | 22253000  | Pain            | SNOMED Clinical Terms |

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

#### 7.5.49 IVR valueset transport bedding (.143.11.17)


|                              |  |                       |   |
|------------------------------|--|-----------------------|---|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.17  | <b>Effective Date</b> | 2016-09-11 14:11:42                         |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>                  | eCH0207-bedding  | <b>Display Name</b>   | IVR valueset transport bedding (.143.11.17) |
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| <b>2 Source Code Systems</b> | 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i><br>2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |   |

| Level/ Type | Code    | Display Name | Code System         |
|-------------|---------|--------------|---------------------|
| 0-L         | 1000101 | seated       | IVR Codesystem RESP |
| 0-L         | 1000102 | partly lying | IVR Codesystem RESP |

|     |           |                           |                       |
|-----|-----------|---------------------------|-----------------------|
| 0-L | 1000103   | laying                    | IVR Codesystem RESP   |
| 0-L | 1000104   | legs up                   | IVR Codesystem RESP   |
| 0-L | 1000105   | legs down                 | IVR Codesystem RESP   |
| 0-L | 1000106   | knee kick                 | IVR Codesystem RESP   |
| 0-L | 1000107   | abdominal position        | IVR Codesystem RESP   |
| 0-L | 1000108   | side position left        | IVR Codesystem RESP   |
| 0-L | 1000109   | side position right       | IVR Codesystem RESP   |
| 0-L | 423212001 | Trendelenburg positioning | SNOMED Clinical Terms |
| 0-L | 74964007  | Other                     | SNOMED Clinical Terms |

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

### 7.5.50 IVR valueset transport reason (.143.11.32)

|                           |  |                       |  |
|---------------------------|--|-----------------------|--|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.38  | <b>Effective Date</b> | 2017-01-07 14:49:38                        |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |  |
| <b>Name</b>               | IVR-VS-transReason   | <b>Display Name</b>   | IVR valueset transport reason (.143.11.32) |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP  |                       |  |

| Level/ Type | Code    | Display Name                 | Code System         |
|-------------|---------|------------------------------|---------------------|
| 0-L         | 1000110 | emergency mission            | IVR Codesystem RESP |
| 0-L         | 1000111 | relocation                   | IVR Codesystem RESP |
| 0-L         | 1000112 | shuttle for emergency doctor | IVR Codesystem RESP |

|     |         |                             |                     |
|-----|---------|-----------------------------|---------------------|
| 0-L | 1000113 | incubator transport         | IVR Codesystem RESP |
| 0-L | 1000114 | neonatology mission         | IVR Codesystem RESP |
| 0-L | 1000003 | stand-by mission            | IVR Codesystem RESP |
| 0-L | 1000115 | return transport            | IVR Codesystem RESP |
| 0-L | 1000116 | intervention mission police | IVR Codesystem RESP |
| 0-L | 1000117 | self-referral               | IVR Codesystem RESP |
| 0-L | 1000118 | stretcher mission           | IVR Codesystem RESP |
| 0-L | 1000119 | mission fpr partner         | IVR Codesystem RESP |
| 0-L | 1000120 | involuntary committment     | IVR Codesystem RESP |
| 0-L | 1000121 | service on place            | IVR Codesystem RESP |
| 0-L | 1000122 | referral by doctor          | IVR Codesystem RESP |
| 0-L | 1000123 | refuse of transport         | IVR Codesystem RESP |

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


### 7.5.51 IVR valueset unit desinfection

|                              |  |                       |                                |
|------------------------------|--|-----------------------|--------------------------------|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.54  | <b>Effective Date</b> | 2016-07-24 19:00:14            |
| <b>Status</b>                | ● Draft  | <b>Version Label</b>  |                                |
| <b>Name</b>                  | ech0207-transDesinfection  | <b>Display Name</b>   | IVR valueset unit desinfection |
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| <b>2 Source Code Systems</b> | 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i><br>2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                                |

| Level/ Type | Code     | Display Name                 | Code System           |
|-------------|----------|------------------------------|-----------------------|
| 0-L         | 1000124  | nebulize with H2O2           | IVR Codesystem RESP   |
| 0-L         | 1000125  | scrub disinfection with H2O2 | IVR Codesystem RESP   |
| 0-L         | 74964007 | Other                        | SNOMED Clinical Terms |

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


### 7.5.52 IVR valueset urgency adequate (143.11.37)

|                              |  |                       |   |
|------------------------------|--|-----------------------|---|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.40  | <b>Effective Date</b> | 2017-04-07 14:13:40                       |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>                  | IVR-VS-urg_adequate  | <b>Display Name</b>   | IVR valueset urgency adequate (143.11.37) |
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| <b>2 Source Code Systems</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i><br>2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i>  |                       |   |

| Level/ Type | Code      | Display Name            | Code System           |
|-------------|-----------|-------------------------|-----------------------|
| 0-L         | 373066001 | Yes                     | SNOMED Clinical Terms |
| 0-L         | 373067005 | No                      | SNOMED Clinical Terms |
| 0-L         | 1000134   | no, siren necessary     | IVR Codesystem RESP   |
| 0-L         | 1000135   | no, siren not necessary | IVR Codesystem RESP   |

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

### 7.5.53 IVR valueset valuables type (.143.11.33)


|                              |  |                       |  |
|------------------------------|--|-----------------------|--|
| <b>Id</b>                    | 2.16.756.5.30.1.1.11.37  | <b>Effective Date</b> | 2017-01-07 12:12:18                      |
| <b>Status</b>                |  Draft  | <b>Version Label</b>  |  |
| <b>Name</b>                  | IVR-VS-valTxpe   | <b>Display Name</b>   | IVR valueset valuables type (.143.11.33) |
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| <b>2 Source Code Systems</b> | 2.16.756.5.30.1.143.5.1 - <i>IVR Codesystem RESP</i><br>2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |  |

| Level/ Type | Code     | Display Name | Code System           |
|-------------|----------|--------------|-----------------------|
| 0-L         | 1000126  | wedding ring | IVR Codesystem RESP   |
| 0-L         | 1000127  | wallet       | IVR Codesystem RESP   |
| 0-L         | 1000128  | wrist watch  | IVR Codesystem RESP   |
| 0-L         | 1000129  | fingerring   | IVR Codesystem RESP   |
| 0-L         | 1000130  | necklace     | IVR Codesystem RESP   |
| 0-L         | 1000131  | billfold     | IVR Codesystem RESP   |
| 0-L         | 1000132  | handbag      | IVR Codesystem RESP   |
| 0-L         | 1000133  | bag          | IVR Codesystem RESP   |
| 0-L         | 74964007 | Other        | SNOMED Clinical Terms |

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




### 7.5.54 IVR valueset ventilation (.143.11.46)

|                           |  |                       |                                       |
|---------------------------|--|-----------------------|---------------------------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.61  | <b>Effective Date</b> | 2017-08-13 00:34:47                   |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |                                       |
| <b>Name</b>               | IVR-VS-ventilation   | <b>Display Name</b>   | IVR valueset ventilation (.143.11.46) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |                                       |

| Level/ Type | Code      | Display Name  | Code System           |
|-------------|-----------|---------------|-----------------------|
| 0-L         | 707765006 | On ventilator | SNOMED Clinical Terms |

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

### 7.5.55 IVR valueset wound treatment (.143.11.45)


|                           |  |                       |   |
|---------------------------|--|-----------------------|---|
| <b>Id</b>                 | 2.16.756.5.30.1.1.11.60  | <b>Effective Date</b> | 2017-08-12 20:58:35                       |
| <b>Status</b>             |  Draft  | <b>Version Label</b>  |   |
| <b>Name</b>               | IVR-VS-woundTreat  | <b>Display Name</b>   | IVR valueset wound treatment (.143.11.45) |
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| <b>Source Code System</b> | 2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>  |                       |   |

| Level/ Type | Code | Display Name | Code System |
|-------------|------|--------------|-------------|
|-------------|------|--------------|-------------|

|     |           |                 |                       |
|-----|-----------|-----------------|-----------------------|
| 0-L | 386028003 | patch           | SNOMED Clinical Terms |
| 0-L | 9458007   | Elastic bandage | SNOMED Clinical Terms |
| 0-L | 38141007  | Tourniquet      | SNOMED Clinical Terms |

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

### 7.5.56 Vigilanz (AVPU)

|                           |   |                       |                     |
|---------------------------|---|-----------------------|---------------------|
| <b>Id</b>                 | 2.16.756.5.30.1.143.11.1  | <b>Effective Date</b> | 2016-08-01 21:57:09 |
| <b>Status</b>             |  Draft | <b>Version Label</b>  |                     |
| <b>Name</b>               | Vigilanzavpu  | <b>Display Name</b>   | Vigilanz (AVPU)     |
| <b>Description</b>        | (de-CH) eCH-0207: Vigilanz (AVPU)   |                       |                     |
| <b>Source Code System</b> | 2.16.756.5.30.1.143.5.1 - IVR Codesystem RESP   |                       |                     |

| Level/ Type | Code | Display Name                      | Code System         |
|-------------|------|-----------------------------------|---------------------|
| 0-L         | A    | wach, ansprechbar und orientiert  | IVR Codesystem RESP |
| 0-L         | V    | Reaktion nur bei lauter Ansprache | IVR Codesystem RESP |
| 0-L         | P    | Reaktion nur auf Schmerzreiz      | IVR Codesystem RESP |
| 0-L         | U    | nicht ansprechbar, bewusstlos     | IVR Codesystem RESP |

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

## 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"

## 9 Anhang

### 9.1 Lizenzen

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

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#### Logical Observation Identifiers Names and Codes LOINC

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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.hl7.com/assets/pdf/Coming-to-Terms-February-2007.pdf>
2. siehe [Elektronisches Patientendossier \(EPDG\)](#)

### 9.3 Referenzen

**EPDG SR 816.11** Bundesgesetz über das elektronische Patientendossier

[https://www.bag.admin.ch/dam/bag/de/dokumente/nat-gesundheitsstrategien/strategie-ehealth/gesetzgebung-elektronisches-patientendossier/SR%20816.11.pdf.download.pdf/SR%20816.11\\_DE.pdf](https://www.bag.admin.ch/dam/bag/de/dokumente/nat-gesundheitsstrategien/strategie-ehealth/gesetzgebung-elektronisches-patientendossier/SR%20816.11.pdf.download.pdf/SR%20816.11_DE.pdf)

**EPDV SR 816.111** Verordnung über das elektronische Patientendossier <https://www.bag.admin.ch/dam/bag/de/dokumente/nat-gesundheitsstrategien/strategie-ehealth/gesetzgebung-elektronisches-patientendossier/gesetze/SR%20816.111.pdf.download.pdf/SR%20816.111.pdf>

**EPDV-EDI SR 816.111.1** Verordnung des EDI über das elektronische Patientendossier [https://www.bag.admin.ch/dam/bag/de/dokumente/nat-gesundheitsstrategien/strategie-ehealth/gesetzgebung-elektronisches-patientendossier/gesetze/SR%20816.111.1.pdf.download.pdf/SR%20816.111.1\\_DE.pdf](https://www.bag.admin.ch/dam/bag/de/dokumente/nat-gesundheitsstrategien/strategie-ehealth/gesetzgebung-elektronisches-patientendossier/gesetze/SR%20816.111.1.pdf.download.pdf/SR%20816.111.1_DE.pdf)

**DSG** Bundesgesetz vom 19. Juni 1992 über den Datenschutz (DSG) <http://www.admin.ch/ch/d/sr/2/235.1.de.pdf>

**Strategie Gesundheit 2020** Nationale Strategie „eHealth“ 27.06.2007 <https://www.bag.admin.ch/bag/de/home/themen/strategien-politik/gesundheit-2020.html>

**ITI TF-2b** 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)

**HL7 CDA** HL7 Clinical Document Architecture, Release 2.0 ANSI/HL7 CDA, R2-2005 4/21/2005 HL7 Version 3 Standard; Last Published: 03/27/2006 3:35 AM [www.hl7.org](http://www.hl7.org)

### 9.4 Abbildungen

1. Bezug zu anderen Standards und Leitfäden – Referenzpyramide

2. Communication vs. Content

## **9.5 Tabellen**

1. Notationen in diesem Dokument