



CDA-CH v2.0.3 (2017)



HL7 Benutzergruppe Schweiz

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HL7 Benutzergruppe Schweiz

Geschäftsstelle
Oberstrasse 222
9014 St.Gallen

Switzerland

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CH-9014 St.Gallen

Auteur:

Tony Schaller, medshare GmbH, Schweiz

Relecteurs:

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Abrogation de spécifications précédentes

Les spécifications précédentes ci-après sont abrogées suite à l'approbation de la présente spécification :

- [CDA-CH V1.2 du 27 janvier 2009](#)
- [CDA-CH II V1.2 du 1er octobre 2011](#)

Statut et but du document

Le présent document définit la norme technique et sémantique pour l'échange électronique et structuré des données décrites concernant le dossier électronique du patient (DEIP).

Egalité entre les femmes et les hommes

Afin de faciliter la lecture de ce document et sauf mention contraire, le masculin générique est utilisé pour désigner les deux sexes.

Version électronique

Le contenu de ce document peut aussi être consulté sur le [Wiki](#).

La spécification normative, y compris les règles Schematron, est publiée sur [Art-Decor](#).

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1 Résumé

Un patient qui doit suivre un traitement passe en règle générale dans plusieurs établissements (parfois nombreux). Quantité de documents médicaux sont échangés durant le processus de traitement du patient. L'exploitation isolée des systèmes d'information est non seulement à l'origine de saisies multiples, de ruptures de médias et d'autres effets négatifs, mais elle entraîne aussi et surtout une charge inutile en termes de personnel. Aujourd'hui, le papier est encore souvent utilisé comme média et le patient comme coursier. Mais des améliorations sensibles sont possibles grâce aux moyens disponibles actuellement dans le domaine des technologies de l'information et de la communication (TIC).

Exemples :

- Distribution automatique des documents sur la base des destinataires mentionnés dans l'en-tête du document
- Traitement électronique des données utiles
 - Les systèmes d'information émetteurs peuvent générer automatiquement des contenus à partir de leurs données.
 - Les systèmes d'information récepteurs peuvent actualiser automatiquement leurs données sur la base des documents reçus par voie électronique.
 - Si besoin, il est possible de lancer des alertes ou des processus.

Il est nécessaire de recourir à des normes afin de permettre une application uniforme et défendable sur le plan économique de l'échange électronique de documents médicaux. Le cas échéant, plusieurs systèmes et organisations autonomes peuvent en effet communiquer les uns avec les autres sans arrangements préalables. La spécification CDA-CH a justement été élaborée à ces fins et doit servir d'instrument permettant d'augmenter l'interopérabilité entre les prestataires du système de santé suisse. CDA-CH V2 (2017) offre une conformité avec les normes eCH au niveau des adresses postales et des données personnelles ainsi qu'avec la LDEP (annexe 3 : « Métadonnées » et annexe 4 : « Formats d'échange »). Il est ainsi garanti que les documents CDA-CH V2 puissent être intégrés de manière optimale dans les processus en lien avec le dossier électronique du patient (DEP). L'utilisation dans le DEP ne représente cependant que l'un des nombreux scénarios plaidant en faveur de CDA-CH V2. Cette spécification peut aussi être et est utilisée en dehors du DEP.

2 Introduction

2.1 Situation initiale et motivation

Élaborée en 2009, la spécification CDA-CH constitue le fondement des formats d'échange en Suisse. Elle n'a pas été actualisée depuis sa création. La présente révision vise en particulier à adapter la spécification à des prescriptions découlant de [la loi fédérale sur le dossier électronique du patient](#). Des directives tirées des normes eCH relatives aux adresses postales et aux données personnelles ont par ailleurs également été prises en considération. La proposition de mise en œuvre adoptée au sein du comité de pilotage eHealth Suisse prévoit un format d'échange unifié pour les informations mentionnées ici. Cela permet de garantir un support à l'échange d'informations entre toutes les personnes et institutions participantes. Les documents créés selon ce format d'échange sont par ailleurs également compatibles avec un classement dans le DEP.

2.2 Statut et but du document

Le présent document décrit le contenu de « CDA-CH 2017 (specification)/fr » et définit ainsi un format d'échange unifié d'informations dans le système de santé Suisse. Il contient le texte tel qu'il a été élaboré par l'équipe du projet et comporte la spécification normative basée sur la norme HL7 CDA. Après consultation à large échelle, eHealth Suisse recommande d'appliquer cette spécification comme norme nationale.

2.3 Lecteurs concernés

Le présent guide d'implémentation s'adresse aux médecins ainsi qu'aux prestataires de soins, aux producteurs et aux fournisseurs de logiciels et de systèmes ainsi qu'aux autres professionnels de la santé qui traitent le présent sujet.

Les spécialistes ICT trouveront la spécification au chapitre "7 Spécification (normative)" et des références à des documents traitant des technologies et des outils de validation ainsi que d'autres documents d'aide (« Supporting Documents ») au chapitre "8 Validation, technologies et outils". Une description des cas d'application est proposée au chapitre "5 Cas d'application".

2.4 Objectifs et limitation

2.4.1 Interopérabilité comme condition préalable

Une implémentation judicieuse des déclarations électroniques suppose une interopérabilité des systèmes participants. Dans ce domaine, le « HL7 EHR Interoperability Work Group » a fait la distinction suivant^[Remarque 1] :

- interopérabilité technique
- interopérabilité sémantique
- interopérabilité de processus

Les systèmes interopérables au niveau technique sont des systèmes qui peuvent échanger des données entre eux. L'interopérabilité sémantique signifie que l'information peut être correctement interprétée par le système récepteur. L'interopérabilité de processus traite de l'intégration des systèmes dans le déroulement du travail.

Le présent format d'échange comporte les spécifications concernant l'interopérabilité sémantique des systèmes dans le contexte des « CDA-CH 2017 (specification)/fr ».

L'interopérabilité technique est nécessaire pour que l'interopérabilité sémantique puisse être abordée. Elle couvre notamment le mécanisme de transport des déclarations. Le format d'échange ne définit aucune disposition en matière de mécanismes de transport, mais fournit dans le chapitre "0 Mécanisme de transport" des recommandations pour la mise en œuvre là où elles sont judicieuses. A partir de la page 3, le chapitre "5 Cas d'application" présente des cas d'application pertinents et fournit des indications pour une implémentation appropriée. Ces indications se fondent sur des réflexions en matière d'interopérabilité de processus. Les dispositions à ce sujet et le traitement approfondi de ce thème ne font cependant pas l'objet du guide d'implémentation.

2.4.2 Objectifs

Automatisation :

- Automatisation de la mise à disposition des données du côté des fournisseurs de données et ainsi, élimination des erreurs qui peuvent aujourd'hui se produire lors du traitement manuel des informations.
- Automatisation du traitement des données du côté des professionnels de la santé et ainsi, réduction des charges engendrées par les processus et déroulements suivis jusqu'à présent.

Harmonisation, interopérabilité et protection des investissements :

- Garantie de la possibilité de réutiliser des éléments identiques dans les différents formats d'échange et ainsi, réduction des charges de développement pour de nouvelles interfaces.
- Harmonisation des informations dans l'en-tête CDA (header) pour que celles-ci puissent être réutilisées sans changement dans les différents formats d'échange (dérivés de CDA-CH).

2.4.3 Limites

La présente spécification se concentre sur la structuration des informations administratives dans un document HL7 CDA (en-tête CDA) telles qu'elles doivent être appliquées lorsqu'elles sont utilisées en Suisse. Il s'agit là par exemple de la langue, de l'auteur, d'une éventuelle référence à un document qui doit être remplacé ou à un mandat qui serait à l'origine de l'élaboration du nouveau document ainsi que d'autres personnes ou organisations participantes (telles que contacts en cas d'urgence, assurances, employeur, signataires légaux, etc.). Le chapitre "7 Spécification (normative)" offre une vue d'ensemble plus précise.

Cette spécification constituant le fondement de l'échange de documents structurés, il est nécessaire de se baser sur une structuration des données médicales. Mais il ne s'agit pas pour autant d'aborder cette structuration proprement dite, car celle-ci fait partie intégrante des différents formats d'échange qui sont dérivés de CDA-CH pour les cas d'application correspondants (tels que, par exemple, dossier de vaccination électronique, cybermédication ou rapports de laboratoire généraux).

Le Wiki de HL7 Allemagne offre une vue d'ensemble plus précise des différentes variantes dans le corps CDA (CDA body) : [CDA body dans le rapport médical V2](#).

Les thèmes suivants ne sont pas abordés par le présent format d'échange :

- Documents avec données non structurées (CDA body).
- Structuration effective de données médicales (CDA body).
- Transmission effective des documents (communication).
- Définition de processus rendus possibles auprès du récepteur par le traitement électronique des données structurées.

2.5 Principes et technologies de base

Les cas d'application liés au « CDA-CH 2017 (specification)/fr » peuvent être mis en œuvre selon les recommandations de la stratégie eHealth Suisse. Les informations électroniques devraient être accessibles dans le dossier électronique du patient et permettre aux participants de les traiter par voie électronique. Le présent guide d'implémentation est entièrement basé sur les profils d'intégration IHE et la norme HL7 Clinical Document Architecture (CDA). Voir aussi chapitre "3.1 Rapport à d'autres normes et guides d'implémentation".

2.6 Responsabilités

Les éditeurs approuvent expressément l'utilisation du présent guide sans droits de licence, ni redevances pour la transmission de « CDA-CH 2017 (specification)/fr » et indiquent que cette décision a été prise avec l'accord de tous les participants à l'élaboration de ce format d'échange. L'utilisateur est responsable de son utilisation du guide.

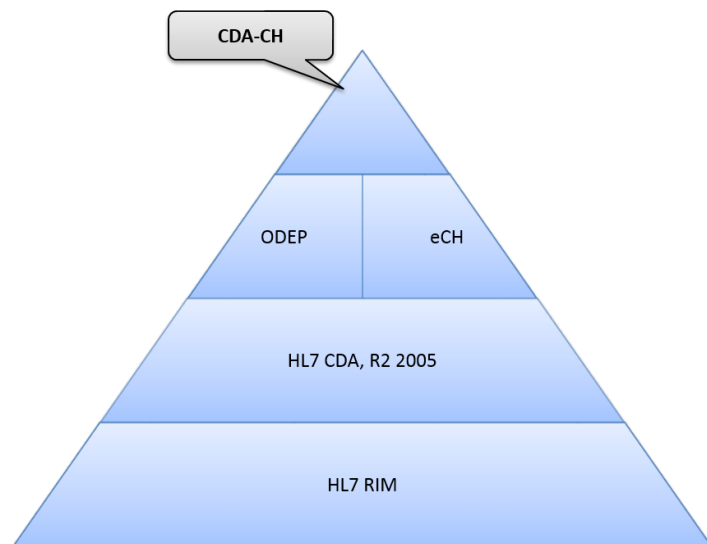
Dans cette spécification, le codage des différentes informations se base sur des domaines de valeurs (value sets) définis et des terminologies qui définissent les codes acceptés.

L'organe de coordination Confédération-cantons eHealth Suisse est responsable de la publication des domaines de valeurs (value sets).

3 Bases formelles

3.1 Rapport à d'autres normes et guides d'implémentation

La présente spécification repose sur les bases suivantes:



[Illustration 1] *Rapport à d'autres normes - Pyramide de référence*

3.1.1 Profils d'intégration IHE

IHE (Integrating the Healthcare Enterprise) est une initiative internationale visant à améliorer l'échange électronique de données entre systèmes informatiques dans le système de santé. IHE élabore des profils d'intégration qui définissent comment implémenter des normes existantes (par exemple : HL7, DICOM) dans des processus de travail afin que les systèmes d'informations des différents producteurs soient interopérables et puissent communiquer les uns avec les autres sans pertes d'informations. IHE a été lancé en 1998 aux Etats-Unis; l'Europe et l'Asie ont suivi peu après. IHE Suisse a été fondé en 2010.

Pour ce format d'échange les bases décrits brièvement dans le chapitre "0 Tutoriel pour profils d'intégration IHE" sont important.

Les documents élaborés sur la base des profils de contenu IHE (Content Profiles) peuvent être classés dans un dossier (Folder) de l'architecture IHE Cross-enterprise Document Sharing (XDS). Ce profil d'intégration IHE est la base pour le dossier patient électronique distribué (EPD) en Suisse. Les profils de contenu IHE référencés dans le présent format d'échange se basent sur le standard de base pour les contenus de documents HL7 CDA R2.

3.1.2 HL7 V3

HL7 (abréviation de « Health Level Seven ») désigne une norme internationale d'échange électronique de données dans le système de santé. Le chiffre « 7 » se rapporte à la septième couche du modèle OSI et précise ainsi que la norme HL7 standardise avant tout la communication au niveau des applications. HL7 a été défini en 1987 aux Etats-Unis. Aujourd'hui, une organisation commerciale (HL7.org) propose la norme HL7 en versions 2.x et 3.0. HL7.org est également l'organisation faitière de tous les utilisateurs HL7 et coordonne leurs activités au niveau international. Les « HL7 Affiliates » sont aujourd'hui présents dans plus de 30 pays, dont la Suisse.

Le présent guide d'implémentation se base sur HL7 version 3. Basée sur du XML, cette 3e version repose sur un modèle d'objet important nommé « Reference Information Model » (RIM). Ce modèle constitue le fondement de spécifications telles que la Clinical Document Architecture (CDA) et donc également du présent guide d'implémentation.

3.1.3 HL7 Clinical Document Architecture (CDA)

La norme HL7 Clinical Document Architecture est une norme officielle ANSI et HL7 dont la version actuellement valable R2 date de 2005. Il s'agit là de l'un des plus de 30 domaines différents de la famille de normes HL7 V3 élaborée en suivant une orientation objet et documentée dans le HL7 Reference Information Model (RIM).

3.2 Législation relative au dossier électronique du patient (LDEP)

Le DEP doit permettre de renforcer la qualité du traitement médical, d'améliorer les processus de traitement, d'augmenter la sécurité des patients, de rendre le système de santé plus efficace et d'étoffer les compétences des patients en ce qui concerne leur santé.

En vigueur depuis le 15 avril 2017, la loi fédérale sur le dossier électronique du patient (LDEP) règle les conditions cadre relatives à l'introduction et à la diffusion du DEP. Les bases légales de la LDEP sont par conséquent applicables à la présente spécification. La loi, les ordonnances, les rapports explicatifs et autres documents peuvent être demandés auprès de l'OFSP en cliquant sur le [ce lien](#). Le concept OID, des recommandations et d'autres documents d'[eHealth Suisse](#) sont également pertinents dans ce cadre.

3.3 Traductions

Cette version du document est disponible en allemand et en français.

4 Définition des termes

Les termes utilisés dans ce document correspondent aux définitions du [glossaire d'eHealth Suisse](#).

5 Cas d'application

Les cas d'application représentés ici (UC = Use Case) se rapportent à des exemples tels qu'ils se présentent aujourd'hui aux différents acteurs du système de santé suisse concernés par la thématique présent. Certains de ces cas d'application ne sont possibles que si toutes les informations pertinentes sont interoperables et peu-vent circuler grâce à des mécanismes d'importation et d'exportation.

L'objectif est d'une part la mise à disposition des informations sur l'état de santé d'un patient pour les personnes impliquées dans la voie de traitement sous une forme lisible par l'homme. D'autre part des processus doivent être optimisés dans les systèmes informatiques par le traitement électronique de ces informations. Il en découle les cas d'application décrits ci-après.

5.1 Introduction

Cette spécification sert de support à l'échange électronique de documents médicaux. La notion volontairement large de « documents médicaux » permet d'appliquer ces directives à des situations très diverses du quotidien médical et en particulier dans le cadre de la communication avec des services d'autres établissements. La grande variété des documents est présentée au moyen de la liste d'exemples, non exhaustive, suivante :

Type de document	Objectif	Exemples
Rapport médical	Rendre compte à un service participant au traitement du déroulement du traitement	Rapport de sortie / rapport final, rapport de transfert à un service assurant la suite du traitement, rapport intermédiaire relatif à un traitement en cours
Mandat	Adopter une mesure en lien avec le traitement d'un patient	Transfert vers un service stationnaire ou ambulatoire pour poursuivre le traitement (p. ex., hospitalisation), mandat pour avis diagnostique ou thérapeutique, autres prescriptions à l'intention de services participant au traitement : soins à domicile, physiothérapie, etc., ordonnance
Rapport sur des aspects partiels d'un traitement	Rendre compte de certains aspects partiels d'un traitement, souvent en rapport avec l'exécution de mesures thérapeutiques ou diagnostiques.	Rapport d'opération, rapports de laboratoire ou synthèse des rapports de laboratoire, rapport de radiologie, rapport de pathologie
Rapports de soins	Rendre compte des soins dispensés dans le cadre d'un traitement, d'une thérapie et du suivi d'un patient.	Rapport de soins, rapport de traitement de physiothérapie, etc.
etc.		

[Tableau 1] *Liste d'exemples des documents médicaux*

L'échange de documents médicaux peut poursuivre différents objectifs :

- dans le cas d'un rapport médical, il sert à échanger des informations sur les données tirées des antécédents médicaux d'un patient entre l'expéditeur et le destinataire d'un document.

- Lorsqu'il s'agit d'un mandat, il permet au destinataire d'un document d'adopter des mesures supplémentaires en lien avec le traitement d'un patient.

La plupart du temps, les documents médicaux sont subdivisés en plusieurs paragraphes et se distinguent par leur titre. Dans ce cadre, chaque paragraphe correspond à une entité d'information ou à un aspect de l'information, comme le démontrent les exemples ci-après. La valeur d'une entité ne se révèle cependant souvent que dans le contexte global d'un document. Les sections ayant des descriptions semblables ou identiques n'ont par conséquent pas toujours le même sens. Par exemple, la liste des diagnostics figurant dans un rapport d'opération ne se recoupe souvent pas avec la liste des diagnostics énumérés dans le rapport de sortie ultérieur du même patient.

L'échange de documents constitue généralement un élément d'un *workflow*. Il arrive souvent que plusieurs documents se référant les uns aux autres soient échangés dans le cadre d'un suivi médical. Ainsi, le rapport d'un examen diagnostic traitera par exemple des questions qui ont été formulées dans le mandat ayant donné lieu à cet examen. L'objet du présent document n'est pas de fournir des recommandations sur la manière d'implémenter des suivis médicaux, mais d'alléger et de simplifier l'intégration de *workflows* électroniques grâce aux définitions de cette spécification. Un résumé de l'exemple détaillé du cas « Prothèse de hanche » CDA-CH V1 (2009) est fourni ci-après pour représenter l'organisation possible des documents médicaux.

Les exemples de cas nommés dans les sous-chapitres suivants ont été inventés librement et n'ont aucune prétention didactique. Ils pourraient se dérouler comme décrit et servent par conséquent à illustrer la situation. Ceci s'applique également aux documents mentionnés, dont le contenu est adapté à l'exemple de cas.

5.2 Storyboard « Prothèse de hanche »

Cet exemple de cas a uniquement pour objectif d'illustrer une implémentation possible de la présente spécification et ne doit bien évidemment pas être considéré comme une directive.

Un patient de 70 ans prend contact avec son médecin de famille car il souffre de douleurs à l'effort au niveau de sa hanche droite depuis longtemps, mais ces douleurs ont considérablement augmenté ces derniers mois. Sur la base des antécédents et du statut clinique du patient, le médecin de famille pose un diagnostic préliminaire d'arthrose de la hanche droite qui serait à l'origine de ces douleurs. Le médecin de famille décide de confirmer ses soupçons au moyen d'un examen radiologique de la hanche. Comme il n'effectue pas lui-même ce type d'examen, il adresse son patient à un institut radiologique externe au moyen d'un formulaire et fixe directement un rendez-vous. Les images de l'examen ainsi qu'un rapport radiologique avec évaluation par le spécialiste en radiologie sont envoyés au médecin de famille peu après l'examen.

Lors de la consultation suivante, le médecin de famille discute de la situation avec le patient. Ensemble, ils prennent la décision de présenter le patient à un spécialiste en orthopédie afin de discuter avec lui des options thérapeutiques. Le médecin de famille rédige une fiche de liaison qui synthétise le déroulement de la maladie jusqu'à ce jour ainsi que les résultats de l'examen et transmet cette fiche avec les radiographies au cabinet médical de l'orthopédiste. Ce dernier, qui a consulté au préalable le rapport et les radiographies transmis, recommande au patient une opération avec pose d'une endoprothèse de la hanche. Le patient déclare accepter la proposition. L'orthopédiste informe le médecin de famille de cette décision et lui demande d'organiser son hospitalisation et de procéder aux examens de laboratoire préopératoires dans son cabinet médical.

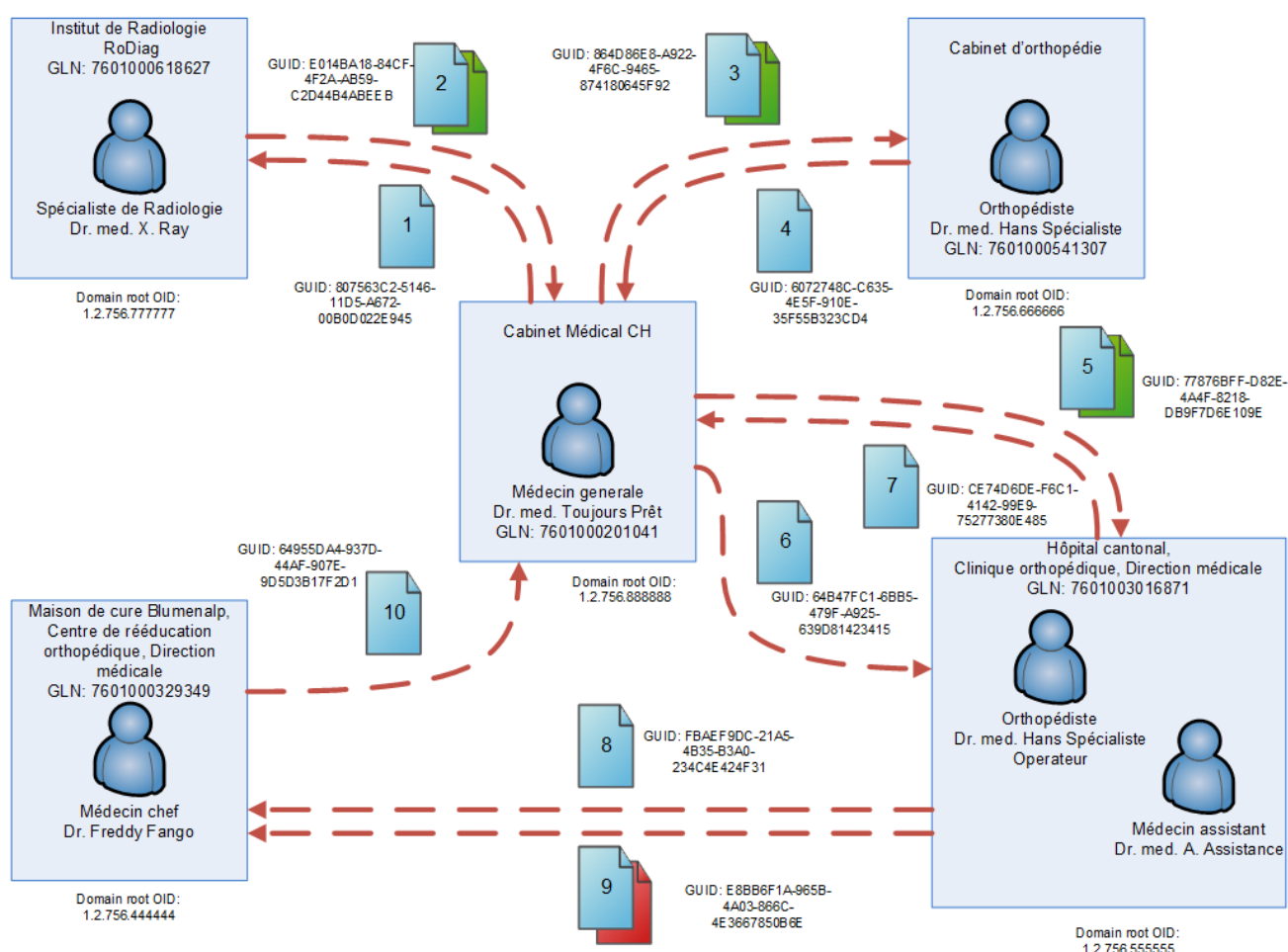
Peu avant son entrée à l'hôpital, le patient a rendez-vous avec son médecin de famille afin de procéder aux analyses de laboratoire nécessaires avant l'opération. Le médecin de famille transmet les valeurs de laboratoire à la clinique où elles sont enregistrées dans le dossier électronique du patient. Pendant l'opération, l'orthopédiste peut consulter les radiographies de la hanche. La pose de l'endoprothèse est contrôlée pendant l'intervention au moyen d'un arceau mobile. Des radiogra-

phies de contrôle de la hanche sont à nouveau réalisées à la clinique après l'opération. L'orthopédiste documente le déroulement de l'opération et donne des instructions au sujet de la suite du traitement dans son rapport d'opération. Une copie de ce rapport d'opération est envoyée au médecin de famille.

Après un séjour d'une semaine à l'hôpital, le patient peut être admis dans un établissement de rééducation stationnaire. La direction médicale de l'établissement en question est informée du déroulement de la maladie et de l'opération grâce à une lettre récapitulative de sortie. Le rapport est accompagné d'une synthèse des résultats de laboratoire, d'une copie des radiographies et d'une copie du rapport d'opération. Le médecin de famille reçoit également une copie du rapport de sortie.

Une fois la rééducation du patient terminée, la clinique de rééducation rédige de son côté un rapport à l'attention du médecin de famille avec copie à l'orthopédiste. Le traitement se termine par la consultation finale auprès du médecin de famille.

Workflow documentaire pour l'exemple de cas « prothèse de la hanche »



[Illustration 2] Workflow documentaire pour l'exemple de cas « prothèse de la hanche »

5.2.1 UC 1-1 : prescription pour diagnostic radiologique

Dans ce cas, un patient est adressé par son médecin à un service spécialisé pour examen radiologique. Il s'agit là de confirmer une date possible pour un rendez-vous. Le rapport de radiologie y relatif fera référence à la lettre émanant du médecin prescripteur. Dans l'exemple de cas ci-dessus, il s'agit du mandat confié par le médecin de famille à l'institut de radiologie afin de procéder à un ex-

amen radiologique.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.1 Instruction pour un diagnostic radiologique »
- Électronique : [1-Prescription pour diagnostic radiologique.xml](#)

5.2.2 UC 1-2 : retour du rapport de radiologie

Ce document contient le rapport de l'examen radiologique commandé auparavant et fait référence à la lettre émanant du médecin prescripteur. Dans l'exemple de cas ci-dessus, il s'agit de l'envoi en retour des images obtenues ainsi que du rapport du radiologue au médecin de famille.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.2 Réponse - résultats de radiologie »
- Électronique : [2-Retour du rapport de radiologie.xml](#)

5.2.3 UC 1-3 : transfert pour avis du médecin spécialiste

Un patient est adressé par son médecin de famille à un médecin spécialiste pour avis. Dans l'exemple de cas ci-dessus, il s'agit de la lettre du médecin de famille à l'orthopédiste avec les radiographies et une synthèse des antécédents du patient et des rapports obtenus.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.3 Transfert pour avis consultatif par le médecin spécialiste »
- Électronique : [3-Transfert pour avis du médecin spécialiste.xml](#)

5.2.4 UC 1-4 : rapport de consultation

Rapport de consultation du médecin spécialiste au médecin de famille Ce document contient le rapport de l'examen radiologique commandé auparavant et fait référence à la lettre émanant du médecin prescripteur. Dans l'exemple de cas ci-dessus, il s'agit du rapport médical de l'orthopédiste au médecin de famille avec l'évaluation du spécialiste et une description de la suite du traitement (OP).

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.4 Rapport de consultation »
- Électronique : [4-Rapport de consultation.xml](#)

5.2.5 UC 1-5 : hospitalisation régulière

Hospitalisation d'un patient par le médecin de famille pour un traitement stationnaire dans une clinique. Dans l'exemple de cas ci-dessus, il s'agit de la demande du médecin de famille à l'hôpital afin que le patient soit opéré.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.5 Procédure régulière d'admission à l'hôpital »
- Électronique : [5-Hospitalisation régulière.xml](#)

5.2.6 UC 1-6 : résultats des examens préopératoires

Transmission à l'hôpital des résultats obtenus dans le cabinet du médecin de famille avant l'hospitalisation. Dans l'exemple de cas ci-dessus, il s'agit des résultats actuels des examens physiques et de la transmission des résultats des analyses de laboratoire du médecin de famille à l'hôpital.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.6 Résultats d'examen préopératoires »
- Électronique : [6-Résultats des examens préopératoires.xml](#)

5.2.7 UC 1-7 : rapport d'opération

Le chirurgien documente les interventions réalisées sous la forme d'un rapport d'opération. Il s'agit là de la documentation de l'opération effectuée pour les dossiers de l'hôpital. Des copies de ce document sont généralement envoyées aux établissements qui participent directement au traitement, à savoir au médecin qui a attribué le mandat ainsi que, le cas échéant, à d'autres établissements impliqués dans le traitement. Dans l'exemple de cas ci-dessus, il s'agit du rapport d'opération de l'orthopédiste au médecin de famille.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.7 Rapport d'opération »
- Électronique : [7-Rapport d'opération.xml](#)

5.2.8 UC 1-8 : bref rapport à la sortie de l'hôpital

Ce bref rapport peut être directement confié au patient à sa sortie de l'hôpital et sert d'orientation générale au médecin qui poursuivra le traitement. Dans l'exemple de cas ci-dessus, il s'agit d'une information générale de l'hôpital au médecin qui poursuivra le traitement dans le centre de rééducation.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.8 Compte-rendu récapitulatif lors de la sortie de l'hôpital »
- Électronique : [8-Bref rapport à la sortie de l'hôpital.xml](#)

5.2.9 UC 1-9 : rapport de sortie de l'hôpital

Synthèse du dossier du patient en rapport avec le traitement actuel. Ce document doit permettre une vue d'ensemble des faits pertinents pour le traitement. Une copie du document est généralement transmise au médecin qui a attribué le mandat et, le cas échéant, à d'autres établissements impliqués dans le traitement. Dans l'exemple de cas ci-dessus, il s'agit de la lettre de transfert à la clinique de rééducation (y compris radiographies postopératoires avec endoprothèse totale et synthèse des résultats de laboratoire) avec copie au médecin de famille.

Exemples d'implémentation :

- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.9 Rapport de sortie d'hôpital »
- Électronique : [9-Rapport de sortie de l'hôpital.xml](#)

5.2.10 UC 1-10 : rapport de sortie de la clinique de rééducation

Rapport sur le déroulement de la rééducation, avec copie à certains établissements impliqués dans le traitement. Dans l'exemple de cas ci-dessus, il s'agit de la lettre de sortie de la clinique de rééducation au médecin de famille avec copie à l'orthopédiste.

Exemples d'implémentation :

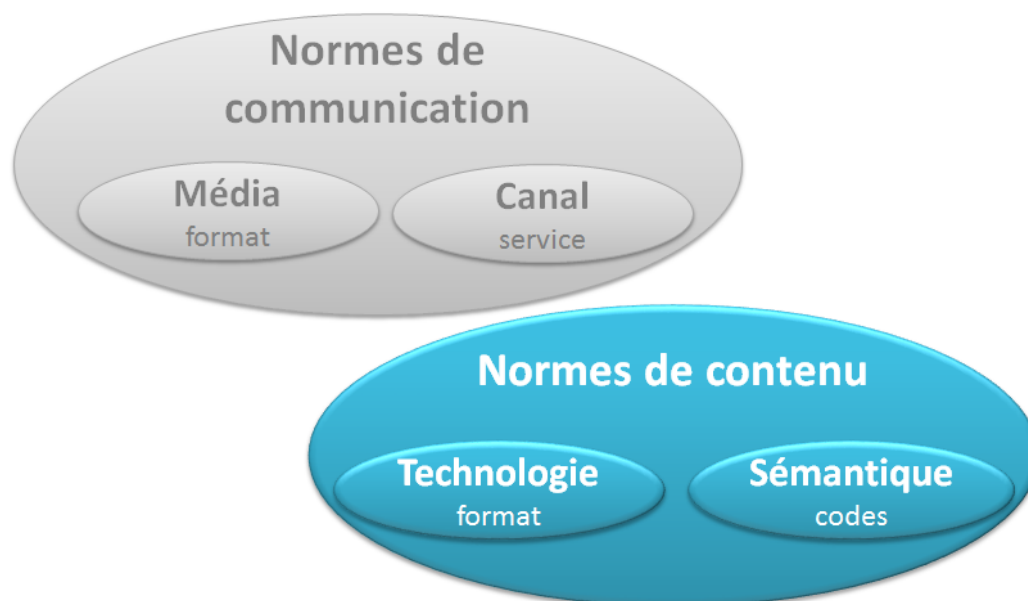
- Papier/PDF : [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.10 Rapport de sortie de la clinique de rééducation »
- Électronique : [10-Rapport de sortie de la clinique de rééducation.xml](#)

6 Recommandations

Ce chapitre contient des recommandations utiles en vue d'une harmonisation. Les recommandations citées ci-après peuvent aussi être assimilées à des exemples de « best practises ». Elles ne sont pas normatives et, de ce fait, non contraignantes.

6.1 Mécanisme de transport

Les cas d'applications décrites ci-dessus nécessitent une communication entre les applications à l'émetteur et le récepteur. Lorsque la mise en œuvre, les informations médicales (contenu) et le transport de ces informations (communication) sont à distinguer.



[Illustration 3] *Communication vs contenu*

Le présent document apporte des spécifications sur le contenu. La spécification de la voie de transport ne fait cependant pas partie intégrante de ce document.

6.1.1 Recommandation sur le mécanisme de transport

Le contenu (Content) spécifié par le présent document doit être enrichi de métadonnées (informations sur le type, le contenu, l'auteur, le destinataire, le patient, etc.) et transmis sous forme de paquet (document plus métadonnées) via un canal sécurisé. Les transactions suivantes du [IHE IT Infrastructure Technical Framework](#) peuvent servir à cet effet :

- 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]

Ces transactions peuvent également être utilisées dans le cadre du dossier électronique du patient (DEP).

6.2 Gestion des métadonnées

Comme mentionné précédemment dans les recommandations concernant le mécanisme de transport et en relation avec le dossier électronique du patient, il est fortement recommandé d'harmoniser les métadonnées relatives aux documents établis avec CDA-CH V2.

Plusieurs des informations au l'en-tête(Header) du document HL7 CDA sont aussi présent dans les métadonnées d'une registre IHE XDS.b. Indépendant du cas ou l'environnement IHE XDS.b se trouve au cadre du LDEP ou il s'agit d'un autre type d'Affinity Domain (Communauté ou Community) les informations peuvent être extraits du l'en-tête CDA. Il faut noter que les informations au registre XDS.b peuvent être changé selon le profil IHE 'XDS Metadata Update'. Les métadonnées dans le document CDA restent inchangé.

eHealth Suisse a publié des recommandations d'implémentation pour le mapping de les métadonnées et l'utilisation de domaines de valeur ici: Metadaten gemäss EPDV.

6.3 Gestion des versions originales et des documents PDF

La numérisation représente un important progrès permettant de réaliser de nombreuses améliorations, surtout dans les processus interentreprises.

Du point de vue d'un hôpital, par exemple, la liste des médicaments qu'un patient prend à sa sortie constitue en principe un chapitre à la fin du rapport de sortie d'hôpital. Pourtant, cette liste est particulièrement importante pour l'instance qui assure le suivi du patient. Il est donc logique d'utiliser, pour présenter le rapport de sortie d'hôpital au sein de l'hôpital et auprès de l'instance de suivi (ex. médecin traitant, service de soins à domicile ou clinique de réadaptation), différents stylesheets sur le même document CDA. De cette manière, le chapitre concernant les médicaments à la sortie de l'hôpital peut se trouver en tête de liste pour l'instance de suivi. Les professionnels de santé qui assurent le suivi du patient après l'hôpital trouvent ainsi en premier les informations importantes.

Les rapports de laboratoire constituent un autre exemple : il est important pour les laboratoires que le destinataire puisse recevoir l'original d'un rapport de laboratoire, car les documents structurés électroniquement (souvent échangés sous la forme de messages HL7 V2) ne sont pas toujours correctement reproduits dans tous les systèmes récepteurs. Les laboratoires ne peuvent toutefois assumer la responsabilité de ces reproductions erronées : ce constat ne vaut pas uniquement pour les messages HL7 V2, mais aussi pour les résultats de laboratoire reposant sur HL7 CDA (p. ex. au format d'échange eLaborbefund – CDA-CH-LREP).

La responsabilité d'une utilisation correcte des informations de santé dans un document CDA ne peut donc être assumée exclusivement par l'expéditeur (auteur/signataire), le destinataire doit également porter sa part de responsabilité. Le signataire légal d'un document CDA ne peut en aucun cas être tenu pour responsable si certaines informations sont présentées différemment, de manière erronée ou pas du tout, en raison de l'utilisation d'un autre stylesheet.

Il ne s'agit toutefois pas de renoncer pour cette raison à utiliser des documents CDA, mais bien d'exploiter les avantages qu'ils offrent (comme décrit plus haut sur l'exemple de la liste de médicaments), sans toutefois créer de nouveaux écueils en termes de responsabilité.

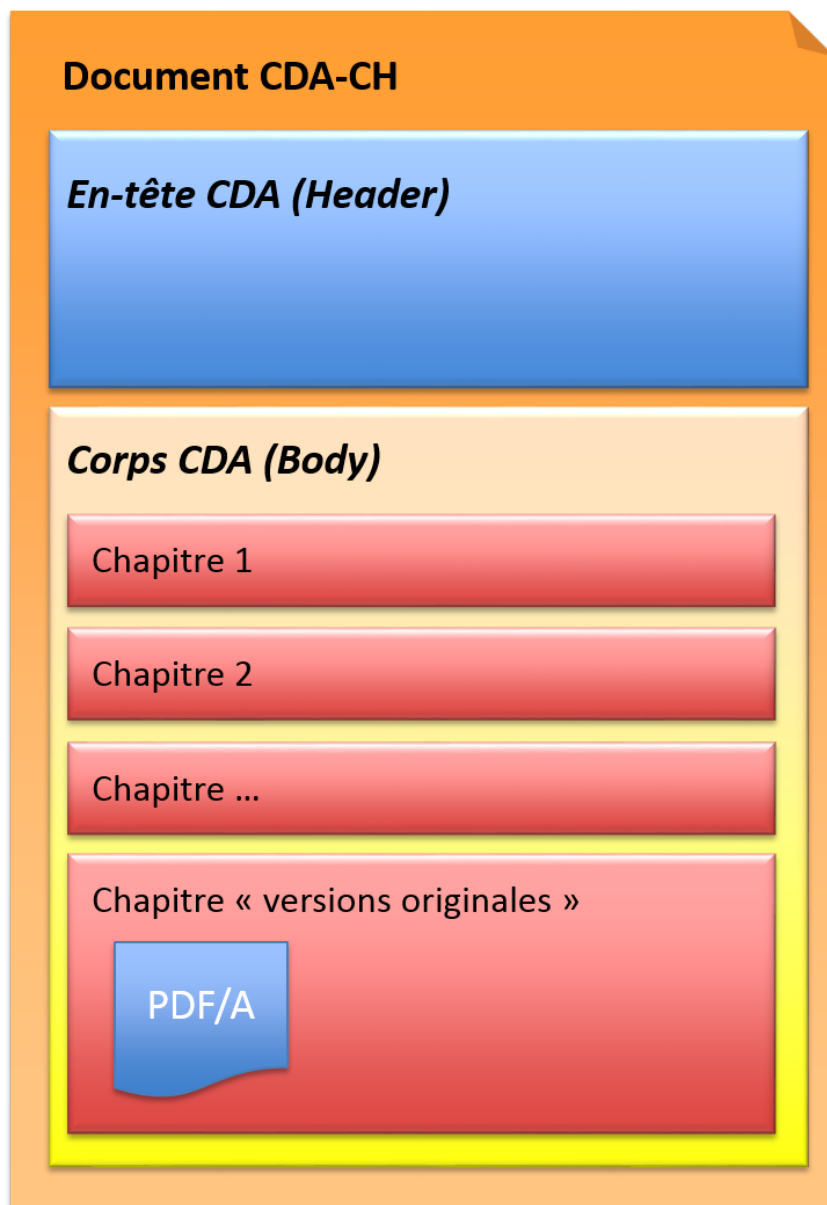
Les recommandations suivantes ont été émises pour ces raisons.

6.3.1 Recommandation en matière de gestion des versions originales

- Dans un document CDA, il convient, si l'auteur du document le considère comme important ou lorsque cela est nécessaire dans un cas d'application précis, de reproduire la version originale du document telle que le signataire légal l'a vue au moment de signer. Le créateur d'un document au format CDA-CH V2 est donc libre d'intégrer ou non la présentation origina-

le dans son document CDA. Une précision à cet effet peut être mentionnée dans les formats d'échange découlant de CDA-CH V2.

- Si la version originale doit être intégrée, elle doit l'être sous la forme d'un document PDF dans les documents HL7 CDA (voir [document CDA modèle avec version originale au format PDF/A intégrée](#)).

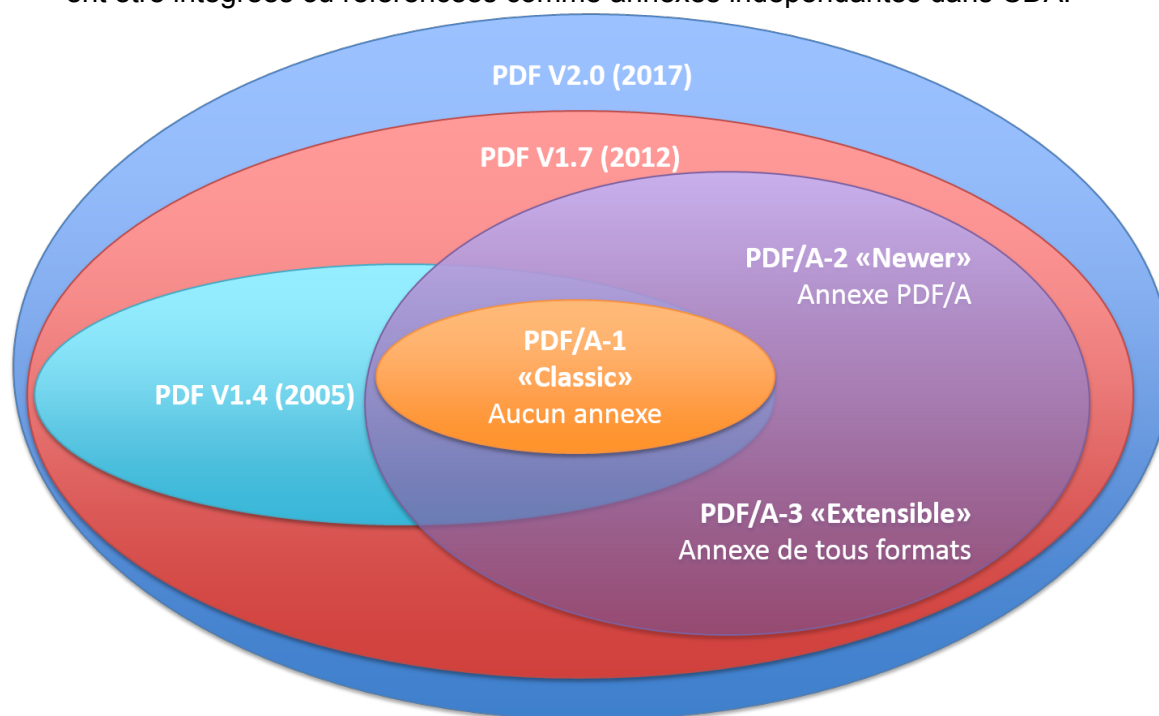


[Illustration 4] *Reproduction de la version originale au moyen d'un document PDF/A intégré dans le corps CDA*

6.3.2 Recommandation d'utilisation des documents PDF

- Si les documents PDF sont intégrés ou référencés dans un document CDA, ils doivent l'être en format PDF/A. Ce principe s'applique à toutes les versions originales, mais aussi à d'éventuelles annexes ou autres documents référencés.
- Il faut pour ce faire utiliser le format PDF/A-1, car il repose sur la version PDF 1.4 et est peut donc aussi être généré et exploité par des systèmes plus anciens.
- Le degré de conformité PDF/A-1a doit être respecté, car tout document qui répond à la norme plus stricte PDF/A-1a est aussi compatible avec la version moins stricte PDF/A-1b.

- Les documents en format PDF/A-2 ou PDF/A-3 ne doivent pas être utilisés en relation avec la spécification CDA-CH. En lieu et place, les annexes spécifiées PDF/A-2 ou PDF/A-3 doivent être intégrées ou référencées comme annexes indépendantes dans CDA.



[Illustration 5] *Formats PDF/A*

6.3.3 Remarques et justification des recommandations ci-dessus

- L'intégration d'éléments multimédia (donc aussi de documents PDF) dans un document HL7 CDA se fait sur la base d'un code [Base64](#), afin que les flux de données binaires puissent eux aussi être intégrés en XML.
- Il existe aussi la possibilité de transférer des documents CDA et PDF séparément en tant que documents indépendants et de créer un lien entre eux, ou d'intégrer le document CDA comme élément XML dans le document PDF. Ces variantes ne sont toutefois pas évoquées ici.

Raisons de choisir d'intégrer les CDA en PDF :

- du point de vue du fabricant du logiciel, il est important pour la transposition de la version originale qu'une seule des multiples variantes ne doive être implémentée (afin d'éviter les interfaces n*m).
- les documents HL7 CDA sont des documents XML. XML peut être enregistré dans les systèmes de bases de données courants en tant que type de données indépendant, puis être analysé à nouveau de manière structurée à un stade ultérieur moyennant une recherche sur la base de données.
- PDF/A est indispensable :
 - un document PDF ordinaire ne se prête pas à un archivage à long terme, car des informations importantes (telles que le type de police) ne doivent pas forcément être intégrées au document, même si elles sont indispensables à une représentation identique sur un autre ordinateur.
 - tant la notice [Formats de fichiers archivable](#) des Archives fédérales que [l'annexe 2 de l'Ordonnance du DFI sur le dossier électronique du patient \(conditions de certification pour communautés et communautés de référence\)](#) requièrent par conséquent le format PDF/A.
 - les formats PDF (A-1, A-2, A-3) ne sont ni dissociables ni cumulables les uns aux autres. Pour un grand nombre de validateurs PDF courants, il faut par conséquent définir

le degré de conformité PDF avant validation. Si plusieurs versions PDF étaient par conséquent autorisées, la validation devrait donc être exécutée plusieurs fois pour chaque document PDF intégré.

- la recommandation ci-dessus selon le degré de conformité PDF/A-1a remplit de son côté les conditions des Archives fédérales et de la LDEP et il existe par ailleurs suffisamment de composants de logiciel pour générer des documents PDF sur le marché qui répondent à ces normes.

6.4 Gestion des identifiants

Les recommandations suivantes concernant les identifiants s'appuient sur les prescriptions légales en vigueur en Suisse et il s'agit de considérer que la version CDA-CH V2 est utilisée dans le cadre de différentes lois (ex. LDEP^[Remarque 2], LEp^[Remarque 3], LAI^[Remarque 4], LAVS^[Remarque 5], LAMaI^[Remarque 6], etc.), mais aussi dans le cadre des échanges bilatéraux entre les professionnels de la santé et les institutions de soins. Les recommandations ci-après concernant les identifiants respectent ces directives générales. Aucune autre directive n'est formulée dans CDA-CH V2. Elles peuvent éventuellement être mentionnées dans les formats d'échange découlant de CDA-CH V2.

6.4.1 Recommandation en matière de gestion de l'identifiant du patient

Les identifiants suivants du patient doivent être utilisés dans les documents CDA-CH V2 :

- tous les identifiants locaux des systèmes primaires.
- identification patients univoque dans le Master Patient Index d'une communauté (MPI-PID).

Les identifiants suivants du patient ne peuvent être utilisés dans les documents CDA-CH V2 qu'après vérification des principes légaux :

- numéro AVS (numéro d'assurance sociale)
Ne doit pas figurer lors de l'enregistrement du document dans le DEP. En dehors du DEP, les articles 50d et 50e LAVS fixent le cadre général des prescriptions légales pour l'utilisation systématique du numéro AVS. Celles-ci varient en fonction du type d'organisation et de ses activités. Ainsi, selon la LAMaI, les prestataires peuvent utiliser le numéro AVS dans certains cas précis. Il incombe à l'organisation seule de nommer les bases légales déterminantes.
- numéro d'identification du patient (EPR-SPID)
Celui-ci est attribué par la CdC^[Remarque 7] à l'ouverture du dossier du patient dans le cadre de la LDEP et peut être utilisé uniquement, selon l'art. 6 LDEP, lorsqu'une base légale formelle le prévoit et que les personnes autorisées et le but de l'utilisation sont définis.

6.4.2 Recommandation en matière de gestion des identifiants des professionnels de la santé et institutions de soins

Les identifiants suivants des professionnels de la santé et des institutions de soins doivent être utilisés dans les documents CDA-CH V2 :

- Tous les identifiants locaux des systèmes primaires.
- Identification claire des professionnels de la santé et des institutions de soins, et groupes de professionnels de la santé dans le Healthcare Provider Directory d'une communauté (HPD-ID) :
 - le GLN est autorisé et particulièrement recommandé pour les professionnels de la santé et les institutions de soins.
Remarque : dès le 15.04.2018, le GLN sera contraignant pour tous les professionnels de la santé dans le cadre de la LDEP.

- pour les groupes de professionnels de la santé, c'est en particulier l'OID, tel qu'il figure dans le supplément 1 de l'annexe 5 de l'ODEP-DFI (adaptations nationales), qui est permis et recommandé.

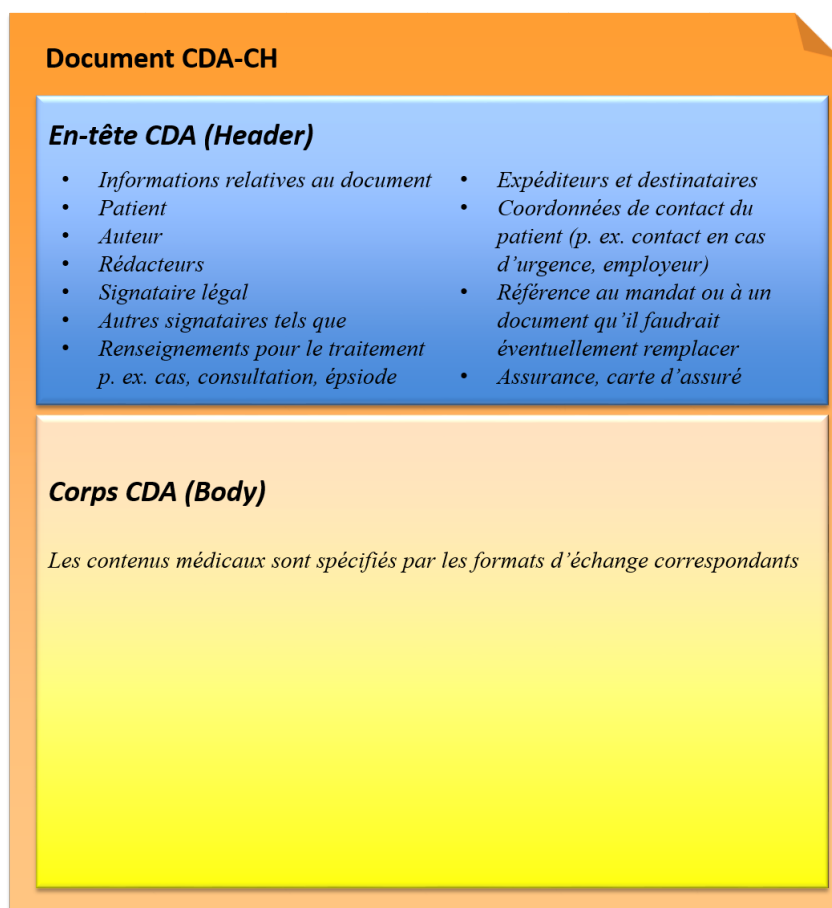
Les identifiants suivants pour les professionnels de la santé et les institutions de soins ne doivent pas être utilisés dans les documents CDA-CH V2 :

- numéro AVS (numéro d'assurance sociale)
- numéro d'identification du patient (EPR-SPID)

7 Spécification (normative)

7.1 Synthèse simplifiée de la structure CDA

La structure précise du document CDA est décrite en détail aux chapitres suivants. Nous proposons ici aux lecteurs pressés un résumé très simplifié des éléments constituant la présente spécification :



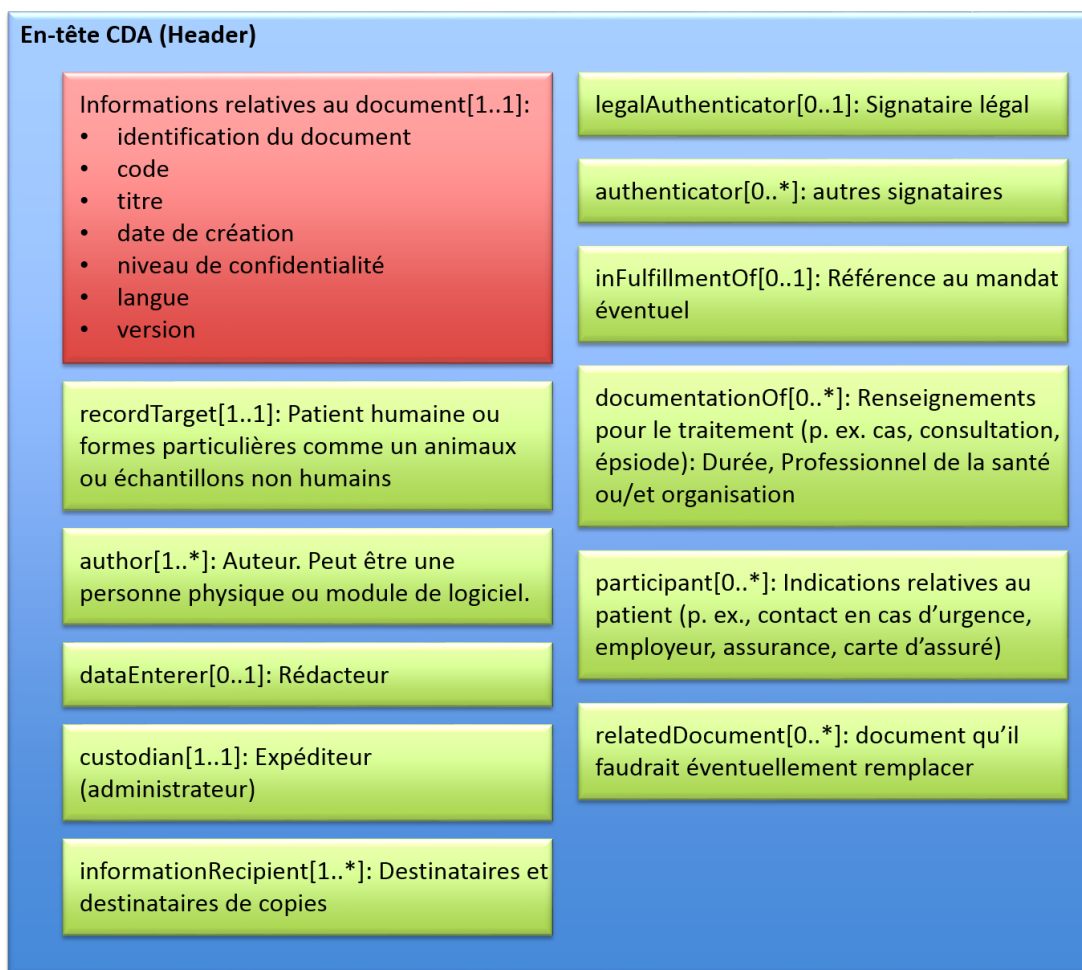
[Illustration 6] Contenu d'un document CDA

Les points énumérés et les illustrations proposées dans ce chapitre (sous-chapitres compris) contiennent des représentations simplifiées du contenu du document et montrent le contenu du document CDA sous forme de symboles.

7.1.1 En-tête CDA (header)

- Informations relatives au document (identification du document, code, titre, date de création, niveau de confidentialité, langue, version)
- Indications relatives au patient (identification du patient, nom, adresse, date de naissance, lieu de naissance, sexe, état civil, religion, compétences linguistiques), ou relatives aux échantillons non humains.
- Personnes intervenant sur le document : auteurs, rédacteurs
- Signataire légal, autres signataires tels que, par exemple, responsables de validation clinique
- Expéditeurs (administrateurs)
- Destinataires, y compris les éventuels destinataires de copies
- Coordonnées de contact du patient (p. ex., contact en cas d'urgence, employeur, assurance, carte d'assuré)

- Référence au mandat ou à un document qu'il faudrait éventuellement remplacer



[Illustration 7] *Données administratives dans l'en-tête CDA (header)*

7.1.2 Corps CDA (body)

Cette spécification ne soumet pas le corps CDA (body) à des normes. Les contenus médicaux du corps CDA (body) sont spécifiés par les formats d'échange correspondants.

7.2 Généralités

Un document créé selon la présente spécification est un document HL7 CDA et constitue ainsi un objet d'information défini et complet qui peut contenir des textes, des images et d'autres éléments multimédia. Les documents CDA renseignent sur l'état de santé d'un patient à un moment donné. Ils contiennent des données administratives (en-tête ou header) et médicales (corps ou body) et sont codés en eXtensible Markup Language (XML).

La spécification normative définit le document CDA-CH 2017 (specification)/fr comme modèle HL7 CDA, qui détermine des précisions helvétiques pour l'en-tête CDA. Les documents produits de cette manière sont entièrement compatibles avec la norme internationale HL7 CDA R2 (édition normative 2005) et donc interopérables à l'échelle internationale.

Cette spécification a pour objectif de permettre aux producteurs de logiciels d'implémenter leurs systèmes pour le traitement d'informations dans l'en-tête CDA sans prendre en compte l'émetteur et le récepteur. La présente spécification a été modélisée dans ART-DECOR, qui permet en outre de générer des règles Schematron pour valider de manière automatisée et harmonisée les documents CDA.

7.2.1 Mots-clés

Dans la spécification normative, les obligations sont indiquées à l'aide de mots-clés toujours écrits en lettres majuscules. Cf. également [ELGA Généralités], ch. 4.1 ou RFC 2119.

DOIT (angl. MUST ou SHALL) désigne une indication qui doit impérativement être respectée. Correspond aux critères de conformité [R] et [M].

NON AUTORISÉ (angl. NOT PERMITTED) désigne une interdiction qui doit impérativement être respectée. Correspond au critère de conformité [NP].

DEVRAIT ou **RECOMMANDÉ** (angl. SHOULD) désigne une recommandation pragmatique. Il est souhaitable et recommandé que la demande soit implémentée, mais il peut y avoir des raisons pour les références celle-ci n'est pas concrétisée. Correspond au critère de conformité Requis [R]. Si aucune valeur ne peut être spécifiée, nullFlavor DOIT être spécifié.

PEUT ou **OPTIONNEL** (angl. MAY, OPTIONAL). L'implémentation de la demande est optionnelle, elle peut aussi ne pas être concrétisée sans obligation de fournir une raison valable. Correspond au critère de conformité [O].

7.2.2 Optionalité

Le tableau suivant définit l'utilisation d'éléments contraignants, recommandés et optionnels ainsi que les cardinalités y relatives, utilisation de « nullFlavor » comprise. La définition suivante a été reprise du tableau « E.4.2.2.1-1: Data Element Optionality Constraints » du document « IHE Technical Frameworks General Introduction, Appendix E: Standards Profiling and Documentation Conventions, Revision 1.0, July 1, 2014 » et complété avec l'élément [NP].

Critères de conformité	Cardinalités possibles	Utilisation de nullFlavor	Description
[M]	1..1 1..*	NON AUTORISÉ	L'élément DOIT être indiqué avec une « véritable » valeur correcte. nullFlavor ou valeurs « Factices » : NON AUTORISÉ.
[NP]	0..0	NON AUTORISÉ	L'élément est NON AUTORISÉ.
[R]	1..1 1..*	PEUT être utilisé	L'élément DOIT être disponible dans l'instance. L'utilisation de nullFlavor est requise si l'information n'est pas connue. Valeurs « factices » : NON AUTORISÉ.
[O]	0..1 0..*	PEUT être utilisé	L'élément est OPTIONNEL. L'émetteur peut mentionner l'élément. Les éléments optionnels vides ne sont pas autorisés si aucun nullFlavor n'est utilisé.
[C]	[N/A]	[N/A]	Critère de conformité CONDITIONNEL. La conformité de l'élément varie en fonction des autres éléments.

			ments, situations ou états. Les dépendances concrètes sont à chaque fois signalées.
--	--	--	---

[Tableau 2] *Notations au document*

7.2.3 nullFlavor

Lorsqu'une valeur n'est pas connue, il est possible de préciser le motif du manque d'indications en utilisant le code nullFlavor selon "7.3.6.4 HL7 NullFlavor", là où cela est autorisé conformément au tableau ci-dessus. Si un nullFlavor est utilisé, AUCUN attribut supplémentaire différent de xsi:type n'est permis.

7.2.4 Hiérarchie du guide d'implémentation

La présente spécification se base sur les principes suivants selon la hiérarchie suivante :

1. [HL7 Version 3](#)
2. [HL7 Clinical Document Architecture, Release 2.0](#)
3. Normes eCH
 1. [Adresses postales eCH-0010, Version 7.0](#)
 2. [Norme pour données personnelles eCH-0011, Version 8.1](#)
4. [Législation relative au dossier électronique du patient \(LDEP\)](#)
 1. [Annexe 3 de l'ordonnance du DFI sur le dossier électronique du patient \(métadonnées\), valable dès le 15.4.2017](#)
 2. [Annexe 4 de l'ordonnance du DFI sur le dossier électronique du patient \(formats d'échange\), version pour la consultation](#)

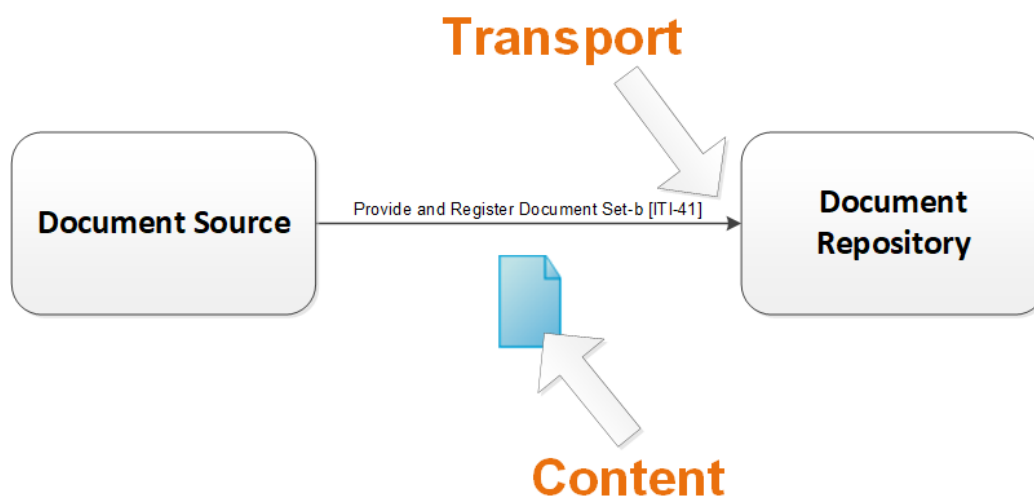
7.2.5 Acteurs et transactions

Le graphique suivant montre les acteurs et transactions IHE qui peuvent être combinés avec la présente spécification. Il souligne ainsi que les acteurs impliqués peuvent élaborer, échanger et modifier un document sur la base de CDA-CH.

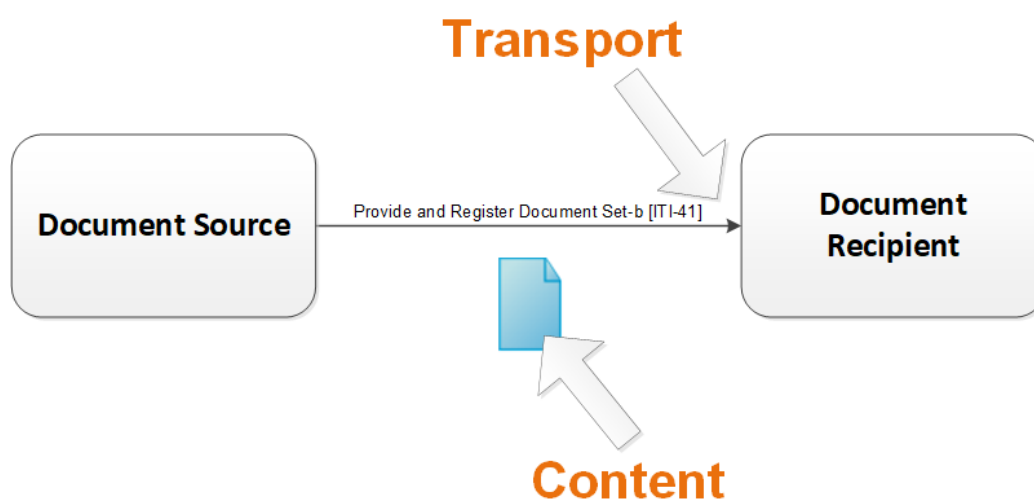
[Illustration 8] *Acteurs share content selon IHE*

IHE désigne la mise en œuvre dans les différents profils de contenu avec les profils d'intégration IHE XDS.b, XDR, XDM.

Les profils d'intégration IHE XDS et XDR réalisent l'interaction share content avec la transaction IHE provide and register document set-b [ITI-41], mais nomment les acteurs différemment :

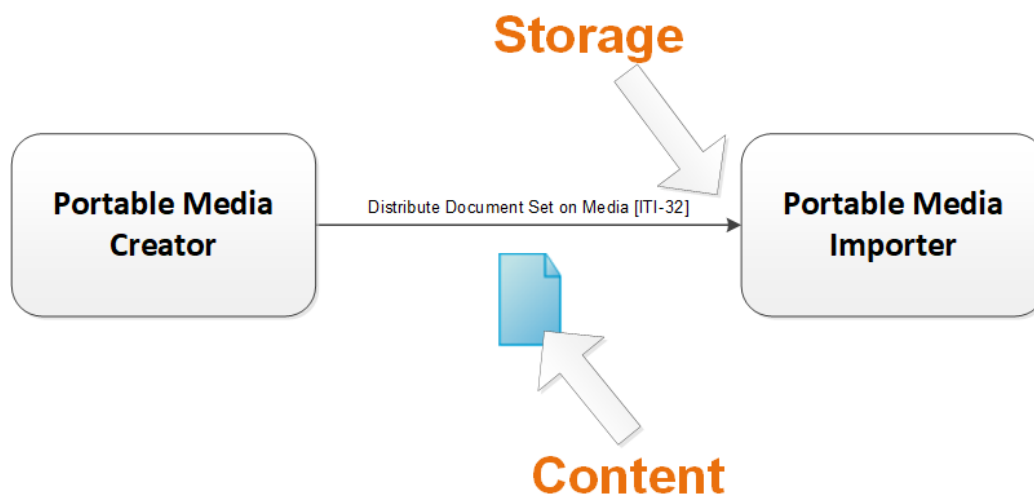


[Illustration 9] *Acteurs et transactions share content (concret pour XDS)*



[Illustration 10] *Acteurs et transactions share content (concret pour XDR)*

Le profil d'intégration IHE XDM réalise l'interaction share content avec la transaction IHE distribute document set on media [ITI-32] :



[Illustration 11] *Acteurs et transactions share content (concret pour XDM)*

Le contenu du document transmis (content) est identique dans toutes les transactions susmentionnées pour XDS, XDR et XDM, et est structuré selon le chapitre "7 Spécification (normative)". Pour une description précise des acteurs, transactions et contenus, nous renvoyons à la documentation IHE [IHE ITI TF-2b] ^[1], chapitre « 3.32 Distribute Document Set on Media » et « 3.41 Provide and Register Document Set-b », car la transmission / l'enregistrement effectifs (share content) ne fait pas partie intégrante de la présente spécification.

7.3 CDA Struktur

7.3.1 CDA Document Level Templates

7.3.1.1 CDA-CH v2.0 - structuredBody

Id	2.16.756.5.30.1.1.10.1.9	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	CDA-CHv2.0-structuredBody	Display Name	CDA-CH v2.0 - structuredBody

Description

This document template is used as the primary base for CDA-CH exchange formats. All CDA-CH V2 derivatives, i.e. Swiss exchange formats SHALL use this template by specialisation.

It only specifies the usage of CDA header templates. It requires a structured CDA body, but does not define any CDA body rules. For CDA body rules, see the derived exchange formats.

Context	Pathname //		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 0 templates, Uses 3 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.2.25	Include 	Document Realm (2017)
	2.16.756.5.30.1.1.10.2.18	Include 	Document Template Ids CDA-CH v2.0 - structuredBody (2017)
	2.16.756.5.30.1.1.10.9.36	Include 	CDA-CH v2.0 Header Template Compilation (2017)
Relationship	Specialization: template 2.16.840.1.113883.10.12.2 (2005-09-07)		

Example

Example

```

<!-- The following line is required in a CDA-CH document. It is commented here due to ART-DECOR validation
issues, only -->
<!-- <?xml version="1.0" encoding="UTF-8"?> -->
<ClinicalDocument>
  <!-- include template cdach_header_DocumentRealm[2.16.756.5.30.1.1.10.2.25] '?' (dynamic) 1..1 M -->
  <typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/>
  <!-- CDA-CH v2.0 ART-DECOR model - structuredBody. -->
  <templateId root="2.16.756.5.30.1.1.10.1.9"/>
  <!-- include template cdach_header_DocumentTemplateIdsCdaChV2StructuredBody[2.16.756.5.30.1.1.10.2.18] '?' (dynamic) -->
  <!-- include template cdach_other_HeaderTemplates[2.16.756.5.30.1.1.10.9.36] '?' (dynamic) -->
  <component>
    <structuredBody>
      <component/>
    </structuredBody>
  </component>
</ClinicalDocument>

```

Item	DT	Card	Conf	Description	Label
h17:ClinicalDocument		1 ... 1	M	This document template is used as the primary base for CDA-CH exchange formats. It only specifies the usage of CDA header templates. It requires a structured CDA body, but does not define any CDA body rules. For CDA body rules, see the derived exchange formats. Conformity rules that are not further modelled in ART-DECOR: ▪ XML encoding UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?> ▪ Phone numbers Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telepho-	(CDA...ody)

				ne number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.25 Document Realm (DYNAMIC)	
 hl7:realmCode	CS	1 ... 1	M	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
 @code	CONF	1 ... 1	F	CHE	
 hl7:typeId	II	1 ... 1	M	HL7 CDA R2, 2005	(CDA...ody)
 @root	uid	1 ... 1	F	2.16.840.1.113883.1.3	
 @extension	st	1 ... 1	F	POCD_HD000040	
 hl7:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model - structuredBody.	(CDA...ody)
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.1.9	
Included				from 2.16.756.5.30.1.1.10.2.18 Document Template Ids CDA-CH v2.0 - structuredBody (DYNAMIC)	

 <code>hl7:templateId</code>	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4	
 <code>hl7:templateId</code>	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structured-Body.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.840.1.113883.10.12.2	
 <code>hl7:templateId</code>	II	1 ... 1	M	HL7 CDA R2 (2005).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.840.1.113883.10.12.1	
Included				from 2.16.756.5.30.1.1.10.9.36 <i>CDA-CH v2.0 Header Template Compilation</i> (DYNAMIC)	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.23 <i>Document Id</i> (DYNAMIC)	
 <code>hl7:id</code>	II	1 ... 1	M	A unique identifier for each CDA document instance.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).	
 <code>@extension</code>	st	0	NP	NP/not present	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 <i>Document Code</i> (DYNAMIC)	

 <code>h17:code</code>	CE	1 ... 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R	The exact value of <code>@code</code> MUST be specified by the CDA-CH V2 derivative.	
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.6.1	
 <code>@codeSystemName</code>	st	1 ... 1	F	LOINC	
 <code>@displayName</code>	st	1 ... 1	R	The exact value of <code>@displayName</code> MUST be specified by the CDA-CH V2 derivative.	
 <code>h17:translation</code>	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata. The exact value of <code>@code</code> and <code>@displayName</code> MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R	The exact value of <code>@code</code> MUST be specified by the CDA-CH V2 derivative.	
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.6.96	
 <code>@codeSystemName</code>	st	1 ... 1	F	SNOMED CT	
 <code>@displayName</code>	st	1 ... 1	R	The exact value of <code>@displayName</code> MUST be specified by the CDA-CH V2 derivative.	
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>EprDocumentType-Code</i> (DYNAMIC)			
 <code>h17:title</code>	ST	1 ... 1	M	The expected titles (at least in English, German, French and Italian) MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2

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.	CDA-CH V2	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.19 Document Confidentiality Code (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 EprDocumentConfidentialityCode (DYNAMIC)				
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.22 Document Language (DYNAMIC)		
h17:languageCode	CS	1 ... 1	M	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 HumanLanguage (DYNAMIC)				
Included		from 2.16.756.5.30.1.1.10.2.20 Document Set Id and Version Number (DYNAMIC)				

 hl7:setId	II	1 ... 1	R	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
 @root	uid	1 ... 1	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
 @extension	st	0	NP	NP/not present	
 Schematron assert		role	 error	(parent::*hl7:versionNumber[@value='1'] and @root=parent::*hl7:id/@root and (@extension=parent::*hl7:id/@extension or (not(@extension) and not(parent::*hl7:id/@extension)))) or (parent::*hl7:versionNumber[not(@value='1')] and ((@root=parent::*hl7:id/@root and @extension and not(@extension=parent::*hl7:id/@extension)) or(not(@root=parent::*hl7:id/@root))))	
		test			
		Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.		
 hl7:versionNumber	INT.NONNEG	1 ... 1	R	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Included		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.1 Patient - recordTarget (DYNAMIC)	
 hl7:recordTarget		1 ... 1	R	A human patient for whom this CDA document instance was created. Target patient 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). Patient identifiers Multiple ids (patient identification number) MAY be declared.	CDA-CH V2

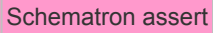
				If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of its data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification. The patient identification number MUST be grouped with the OID of its assigning system. The patient identification number MUST be unique within the system identified by the OID. The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid-info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc. OIDs that can't be found in a public OID registry are NOT ALLOWED. ▪ Pseudonymizing 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.	
└─ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
└─ hl7:patientRole		1 ... 1	R		CDA-CH V2

 <code>h17:id</code>	II	1 ... *	R	The patient's id.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:addr</code>	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 <code>h17:telecom</code>	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
 <code>h17:patient</code>		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 <code>[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]]</code>					
 <code>h17:administrativeGenderCode</code>	CE	1 ... 1	R	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-CH V2
 <code>@code</code>	CS	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.5.1	

L @codeSystemName	st	1 ... 1	F	HL7 AdministrativeGender	
L @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)			
L hl7:birthTime	TS.CH.TZ	1 ... 1	R	The patient's birthdate.	CDA-CH V2
L hl7:maritalStatusCode	CE	0 ... 1		The patient's marital status.	CDA-CH V2
L @code	cs	1 ... 1	R		
L @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.1.11.12212	
L @codeSystemName	st	1 ... 1	F	HL7 MaritalStatus	
L @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)			
L hl7:translation		0 ... *		A translation of the code to another coding system	CDA-CH V2
L @code	cs	1 ... 1	R		
L @codeSystem	oid	1 ... 1	R		

	<code>L @codeSystemName</code>	st	1 ... 1	R		
	<code>L @displayName</code>	st	1 ... 1	R		
	<code>L hl7:religiousAffiliationCode</code>	CE	0 ... 1		The patient's religion.	CDA-CH V2
	<code>L @nullFlavor</code>	CS	0 ... 1	F	NAV	
	<code>L @code</code>	CS	0 ... 1			
	<code>L @codeSystem</code>	oid	0 ... 1			
	<code>L @codeSystemName</code>	st	0 ... 1			
	<code>L @displayName</code>	st	0 ... 1			
Included			0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
	<code>L hl7:originalText</code>	ED	0 ... 1	C		CDA-CH V2
	<code>L hl7:reference</code>	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
	<code>L @value</code>		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 <code><content/></code> element.			
Variable let	Name	idvalue			
	Value	substring-after(@value,'#')			
Schematron assert	role	error			
	test	ancestor::hl7:structuredBody/*[@ID=\$idvalue]			
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to ' <code><value-of select="\$idvalue"/></code> ').			
Schematron assert	role	error			
	test	parent::*/text()=ancestor::hl7:structuredBody/*[@ID=\$idvalue]/text()			
	Message	The originalText content MUST be identical to the narrative text for this reference.			
Schematron assert	role	error			
	test	(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)			
	Message	Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.			
└ 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.	
 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			
 Schematron assert		role		error	
		test		(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
		Message		Either nullFlavor or a valid code is required.	
 hl7:addr	AD	0 ... *		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 hl7:telecom	TEL	0 ... *		The guardian's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		1 ... 1		Elements to choose from: hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	

- hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 *Organization Compilation with name* (DYNAMIC)

└ hl7:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
└ hl7:guardianOrganization				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
└ hl7:birthplace		0 ... 1		The patient's birthplace.	CDA-CH V2
└ hl7:place		1 ... 1			CDA-CH V2
└ hl7:name	EN	0 ... 1		The patient's birthplace name.	CDA-CH V2
└ hl7:addr	AD	1 ... 1	R	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2

 <code>h17:languageCommunication</code>		0 ... *		The patient's language skills.	CDA-CH V2
 <code>h17:languageCode</code>	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)			
 <code>h17:modeCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbilityMode</i> (DYNAMIC)			
 <code>h17:proficiencyLevelCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbilityProficiency</i> (DYNAMIC)			
 <code>h17:preferenceInd</code>	BL	0 ... 1		In case of @value=true it is the patient's correspondence language.	CDA-CH V2

 <code>h17:providerOrganization</code>		0 ... 1		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		1 ... *	M	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)	
 <code>h17:author</code>		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
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23	
 <code>h17:functionCode</code>	CE	1 ... 1	R	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
 <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	

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

 @codeSystemName	st	1 ... 1	R		
 @displayName	st	1 ... 1	R		
 h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.	CDA-CH V2
 h17:assignedAuthor		1 ... 1	R		CDA-CH V2
		role		error	
	Schematron assert	test		not(assignedAuthoringDevice/softwareName) or (representedOrganization)	
		Message		For device authors the element representedOrganization is REQUIRED.	
 h17:id	II	1 ... 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
 @nullFlavor	CS	0 ... 1	F	NAV	
				Temporarily unknown, will be filled later.	
 @root	CS	0 ... 1	F	2.51.1.3	
				OID for GS1 GLN.	
 @extension	st	0 ... 1		The GS1 GLN.	
		role		error	
	Schematron assert	test		(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')	
		Message		Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	

 <code>h17:id</code>	II	0 ... *		Other ids are allowed.	CDA-CH V2
 <code>@root</code>	CS	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
 <code>h17:addr</code>	AD	0 ... *		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 <code>h17:telecom</code>	TEL	0 ... *		The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		1 ... 1		Elements to choose from: - h17:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) - h17:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	
 <code>h17:assignedPerson</code>		0 ... 1		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 <code>h17:assignedAuthoringDevice</code>		0 ... 1		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2

 <code>h17:representedOrganization</code>		0 ... 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... 1		from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)	
 <code>h17:dataEnterer</code>		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
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.7	
 <code>h17:time</code>	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2
 <code>h17:assignedEntity</code>		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)	
 <code>h17:informant</code>		0 ... *			CDA-CH V2

 @typeCode		0 ... 1	F	INF	
 @contextControlCode		0 ... 1	F	OP	
Choice		1 ... 1		Elements to choose from: - hl7:assignedEntity containing template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC) - hl7:relatedEntity containing template 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	
 hl7:assignedEntity				Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2
 hl7:relatedEntity				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	CDA-CH V2
Included		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.3 <i>Custodian</i> (DYNAMIC)	
 hl7:custodian		1 ... 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
 hl7:templateId	II	1 ... 1	M		CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.3	

 <code>hl7:assignedCustodian</code>		1 ... 1	R		CDA-CH V2
 <code>hl7:representedCustodianOrganization</code>		1 ... 1	R		CDA-CH V2
 <code>hl7:id</code>	II	1 ... *	M	The custodian's id.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
 <code>hl7:name</code>	ON	1 ... 1	R	The custodian's name.	CDA-CH V2
 <code>hl7:telecom</code>	TEL	0 ... *		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
 <code>hl7:addr</code>	AD	0 ... *		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		1 ... *	M	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)	

 <code>h17:informationRecipient</code>		1 ... *	M	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). Recipient types: - The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. - Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
 <code>@typeCode</code>	cs	0 ... 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	
	CONF			The value of <code>@typeCode</code> shall be drawn from value set 2.16.840.1.113883.1.11.19366 <i>x_InformationRecipient</i> (DYNAMIC)	
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4	
 <code>h17:intendedRecipient</code>		1 ... 1	R		CDA-CH V2

 <code>h17:id</code>	II	0 ... *	R	The recipient's identification(s).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
 <code>h17:addr</code>	AD	0 ... *		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 <code>h17:telecom</code>	TEL	0 ... *		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
 <code>h17:informationRecipient</code>		0 ... 1		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 <code>h17:receivedOrganization</code>		0 ... 1		The addressee organization. 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)	
 <code>h17:legalAuthenticator</code>		0 ... 1		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2

 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.5	
 <code>h17:time</code>	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
 <code>h17:signatureCode</code>	CS	1 ... 1	R		CDA-CH V2
 <code>@code</code>	cs	1 ... 1	F	S	
 <code>@codeSystem</code>	oid	0	NP	NP/not present	
 <code>@codeSystemName</code>	st	0	NP	NP/not present	
 <code>@displayName</code>	st	0	NP	NP/not present	
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)			
 <code>h17:assignedEntity</code>		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.6 <i>Authenticator</i> (DYNAMIC)	

 <code>h17:authenticator</code>		0 ... *		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.6	
 <code>h17:time</code>	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
 <code>h17:signatureCode</code>	CS	1 ... 1	R		CDA-CH V2
 <code>@code</code>	cs	1 ... 1	F	S	
 <code>@codeSystem</code>	oid	0	NP	NP/not present	
 <code>@codeSystemName</code>	st	0	NP	NP/not present	
 <code>@displayName</code>	st	0	NP	NP/not present	
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)			

 <code>h17:assignedEntity</code>		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)	
 <code>h17:participant</code>		0 ... *		Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.	CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	F	IND	
 <code>h17:templateId</code>	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model of Employer.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.40	
 <code>h17:templateId</code>		1 ... *	M	CH-PCC ART-DECOR model of IHE PCC Employer and School Contacts.	CDA-CH V2
 <code>@root</code>	CS	1 ... 1	F	2.16.756.5.30.1.1.10.2.41	
 <code>h17:templateId</code>	II	1 ... 1	M	IHE PCC Employer and School Contacts.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.2	

 <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of contract.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	CON	
 <code>h17:id</code>	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:code</code>	CE	1 ... 1	R		CDA-CH V2

 @code	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. 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. Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.15 <i>Insurance - participant</i> (DYNAMIC)	
 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	

 <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of the contract.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	PAYOR	
 <code>h17:id</code>	II	1 ... 1	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:code</code>	CE	1 ... 1	R	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)	
Schematron assert		role	error		
		test	(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)		
		Message	Either a valid insurance law or nullFlavor="NAV" is REQUIRED.		
└ hl7:associatedPerson		0 ... 1		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		1 ... 1		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 <i>Organization Compilation with GLN, name, addr and telecom</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)	
└ hl7:participant		0 ... *		Information on a patient's insurance card.	CDA-CH V2
└ @typeCode	CS	1 ... 1	F	HLD	

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

 @root	uid	1 ... 1	F	2.16.756.5.30.1.123.100.1.1.1	
 @extension	st	1 ... 1	R	Number of the insurance card.	
 h17:associatedPerson		0 ... 1		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 h17:scopingOrganization		0 ... 1		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		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	

 <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of the participation.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of participation.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of participation.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R	Either the contact person or the contact's organization SHALL be present.	CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	R	The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
 <code>h17:code</code>	CE	1 ... 1	R	The contact's role.	CDA-CH V2
 <code>@nullFlavor</code>	CS	0 ... 1			
 <code>@code</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 contact's address. 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. 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. 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.	
Included			0 ... *		from 2.16.756.5.30.1.1.10.2.16 <i>Order Reference - inFulfillmentOf</i> (DYNAMIC)	
	L 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
	L h17:templateId	II	1 ... 1	M		CDA-CH V2
	L @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16	
	L h17:order		1 ... 1	R		CDA-CH V2
	L h17:id	II	1 ... *	R	Order number.	CDA-CH V2
	L @root	uid	1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
	L @extension	st	0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	
Included			0 ... *		from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)	

 <code>h17:documentationOf</code>		0 ... *		Information about a health service describing the context of this CDA document.	CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	F	DOC	
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46	
 <code>h17:serviceEvent</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	ACT	
 <code>@moodCode</code>	CS	1 ... 1	F	EVN	
 <code>h17:id</code>	II	0 ... *		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	

 <code>h17:code</code>	CE	1 ... 1	R	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
 <code>@nullFlavor</code>	st	1 ... 1	F	NAV	
 <code>@code</code>	cs	0	NP	NP/not present	
 <code>@codeSystem</code>	oid	0	NP	NP/not present	
 <code>@codeSystemName</code>	st	0	NP	NP/not present	
 <code>@displayName</code>	st	0	NP	NP/not present	
 <code>h17:translation</code>		0 ... *		A translation of the code to another coding system.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	R		
 <code>@codeSystemName</code>	st	1 ... 1	R		
 <code>@displayName</code>	st	1 ... 1	R		
 <code>h17:effectiveTime</code>	IVL_TS.CH.TZ	1 ... 1	R	Duration of the health service.	CDA-CH V2

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

hl7:functionCode	CE	1 ... 1	R	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
@code	CS	1 ... 1	R		
@codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.96	
@codeSystemName	st	1 ... 1	F	SNOMED CT	
@displayName	st	1 ... 1	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)			
Example	<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>				
Schematron assert	role	error			
	test	not(@code='133932002') or (hl7:originalText/text())			
	Message	Other Caregivers description MUST be declared in the originalText element.			
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	

<code>L hl7:originalText</code>	ED	0 ... 1	C		CDA-CH V2
<code>L hl7:reference</code>	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
<code>L @value</code>		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.		
<code>L hl7:translation</code>		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>L @code</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
<i>Included</i>		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. Notes: For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document	CDA-CH V2

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

 hl7:setId	II	1 ... 1	M	The setId of the document to be replaced MUST be declared.	CDA-CH V2
 @extension	st	0	NP	NP/not present	
 @root	uid	1 ... 1	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	Schematron assert	role	 error		
		test		(@root=/hl7:ClinicalDocument/hl7:id/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:id/@extension)	
		Message		ClinicalDocument/setId: MUST be identical to the one of the replaced document	
 hl7:versionNumber	INT	1 ... 1	M	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	 error		
		test		@value > /hl7:ClinicalDocument/hl7:versionNumber/@value	
		Message		ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document	
Included		0 ... *		from 2.16.840.1.113883.10.12.114 CDA Authorization (DYNAMIC)	
 hl7:authorization		0 ... *			CDA-CH V2
 @typeCode		0 ... 1	F	AUTH	

 <code>h17:consent</code>		1 ... 1			CDA-CH V2
 <code>@classCode</code>		0 ... 1	F	CONS	
 <code>@moodCode</code>		0 ... 1	F	EVN	
 <code>h17:id</code>	II	0 ... *			CDA-CH V2
 <code>h17:code</code>	CE	0 ... 1			CDA-CH V2
 <code>@codeSystem</code>	CONF	0 ... 1	F	2.16.840.1.113883.5.4 (Act Code)	
 <code>h17:statusCode</code>	CS	1 ... 1	R		CDA-CH V2
 <code>@code</code>	CONF	0 ... 1	F	completed	
Included		0 ... 1		from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)	
 <code>h17:componentOf</code>		0 ... 1			CDA-CH V2
 <code>@typeCode</code>		0 ... 1	F	COMP	

<code>L hl7:encompassingEncounter</code>		1 ... 1			CDA-CH V2
<code>L @classCode</code>		0 ... 1	F	ENC	
<code>L @moodCode</code>		0 ... 1	F	EVN	
<code>L hl7:id</code>	II	0 ... *			CDA-CH V2
<code>L hl7:code</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 <i>ActEncounter-Code</i> (DYNAMIC)			
<code>L hl7:effectiveTime</code>	IVL_TS	1 ... 1	R		CDA-CH V2
<code>L hl7:dischargeDispositionCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	shall be drawn from concept domain "EncounterDischargeDisposition"			

 <code>h17:responsibleParty</code>		0 ... 1		Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2
 <code>@typeCode</code>		0 ... 1	F	RESP	
 <code>h17:encounterParticipant</code>		0 ... *			CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	R		
	CONF	The value of <code>@typeCode</code> shall be drawn from value set 2.16.840.1.113883.1.11.19600 <i>x_EncounterParticipant</i> (DYNAMIC)			
 <code>h17:time</code>	IVL_TS	0 ... 1			CDA-CH V2
 <code>h17:assignedEntity</code>		1 ... 1		Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2
 <code>h17:location</code>		0 ... 1			CDA-CH V2
 <code>@typeCode</code>		0 ... 1	F	LOC	

└ h17:healthCareFacility		1 ... 1			CDA-CH V2
└ @classCode		0 ... 1	F	SDLOC	
└ h17:id	II	0 ... *			CDA-CH V2
└ h17:code	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocationRoleType</i> (DYNAMIC)			
└ h17:location		0 ... 1		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)	CDA-CH V2
└ h17:serviceProvider Organization		0 ... 1		Contains 2.16.840.1.113883.10.12.151 <i>CDA Organization</i> (DYNAMIC)	CDA-CH V2
└ h17:component		1 ... 1	R		(CDA...ody)

h17:structuredBody		1 ... 1	R		(CDA...ody)																																																
h17:component		1 ... *	R		(CDA...ody)																																																
<table> <tr> <td rowspan="3">Schematron assert</td><td>role</td><td colspan="4">warning</td></tr> <tr> <td>test</td><td colspan="4">not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])</td></tr> <tr> <td>Message</td><td colspan="4">This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.</td></tr> <tr> <td rowspan="3">Schematron report</td><td>role</td><td colspan="4">warning</td></tr> <tr> <td>test</td><td colspan="4">//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole</td></tr> <tr> <td>Message</td><td colspan="4">This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.</td></tr> <tr> <td rowspan="3">Schematron assert</td><td>role</td><td colspan="4">error</td></tr> <tr> <td>test</td><td colspan="4">not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])</td></tr> <tr> <td>Message</td><td colspan="4">Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.</td></tr> </table>						Schematron assert	role	warning				test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])				Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.				Schematron report	role	warning				test	//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole				Message	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.				Schematron assert	role	error				test	not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])				Message	Swiss EPR-SPID and Social Security numbers are not allowed in CDA-CH V2 documents for other objects than the patient.			
Schematron assert	role	warning																																																			
	test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])																																																			
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	test	not(//hl7:id[@root=('2.16.756.5.30.1.127.3.10.3', '2.16.756.5.31', '2.16.756.5.32')]/../..[not(hl7:patientRole)])																																																			
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7.3.1.2 CDA-CH v2.0 - nonXMLBody

Id	2.16.756.5.30.1.1.10.1.12
Status	Active
Name	CDA-CHv2.0-nonXMLBody

Effective Date	2018-04-18
Version Label	2017
Display Name	CDA-CH v2.0 - nonXMLBody

Description

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

Context	Pathname //
Classification	CDA Document Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by 0 transactions and 0 templates, Uses 3 templates

Used by / Uses

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.25	Include	 Document Realm (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.47	Include	 Document Template Ids CDA-CH v2.0 - nonXMLBody (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.3 (2005-09-07)

Example

Example

```
<!-- The following line is required in a CDA-CH document. It is commented here due to ART-DECOR validation issues, only -->
<!-- <?xml version="1.0" encoding="UTF-8"?> -->
<ClinicalDocument>
  <!-- include template cdach_header_DocumentRealm[2.16.756.5.30.1.1.10.2.25] '?' (dynamic) 1..1 M -->
  <typeId extension="POCD_HD000040" root="2.16.840.1.113883.1.3"/>
  <!-- include template cdach_header_DocumentTemplateIdsCdaChV2NonXmlBody[2.16.756.5.30.1.1.10.2.47] '?' (dynamic) -->
  <!-- include template cdach_other_HeaderTemplates[2.16.756.5.30.1.1.10.9.36] '?' (dynamic) -->
  <component contextConductionInd="false">
    <nonXMLBody>
      <text/>
      <confidentialityCode/>
      <languageCode/>
    </nonXMLBody>
  </component>
</ClinicalDocument>
```

```

</component>
</ClinicalDocument>

```

Item	DT	Card	Conf	Description	Label
hl7:ClinicalDocument		1 ... 1	M	This document template MAY be referenced or specialized for specific, not further described use cases. It only specifies the usage of CDA header templates. It requires a non XML CDA body, but does not define any CDA body rules. For CDA body rules, see the derived exchange formats. Conformity rules that are not further modelled in ART-DECOR: ▪ XML encoding UTF-8 encoding is required. All CDA-CH V2 documents MUST start with this line: <?xml version="1.0" encoding="UTF-8"?> ▪ Phone numbers Phone numbers MUST be declared in the international format. Dots (.) MUST be used as separators for grouping of number blocks. The minus sign (-) MUST be used as a separator between public and internal telephone numbers. Purpose: Some telephone exchanges - especially in the US, allow direct dial-up of an internal telephone number after the actual connection has been established over the public telephone network. Examples: <telecom value="tel:+41.33.123.45.67"/> <telecom value="tel:+1.987.654.3210-999"/>	(CDA...ody)
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.25 Document Realm (DYNAMIC)	
hl7:realmCode	CS	1 ... 1	M	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2

 @code	CONF	1 ... 1	F	CHE	
 hl7:typeId	II	1 ... 1	M	HL7 CDA R2, 2005	(CDA...ody)
 @root	uid	1 ... 1	F	2.16.840.1.113883.1.3	
 @extension	st	1 ... 1	F	POCD_HD000040	
<i>Included</i>				from 2.16.756.5.30.1.1.10.2.47 Document Template Ids CDA-CH v2.0 - nonXMLBody (DYNAMIC)	
 hl7:templateId	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4	
 hl7:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model - nonXMLBody.	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.1.12	
 hl7:templateId	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as nonXMLBody.	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.3	

 <code>h17:templateId</code>	II	1 ... 1	M	HL7 CDA R2 (2005).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.840.1.113883.10.12.1	
Included				from 2.16.756.5.30.1.1.10.9.36 <i>CDA-CH v2.0 Header Template Compilation</i> (DYNAMIC)	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.23 <i>Document Id</i> (DYNAMIC)	
 <code>h17:id</code>	II	1 ... 1	M	A unique identifier for each CDA document instance.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).	
 <code>@extension</code>	st	0	NP	NP/not present	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 <i>Document Code</i> (DYNAMIC)	
 <code>h17:code</code>	CE	1 ... 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R	The exact value of <code>@code</code> MUST be specified by the CDA-CH V2 derivative.	
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.6.1	
 <code>@codeSystemName</code>	st	1 ... 1	F	LOINC	
 <code>@displayName</code>	st	1 ... 1	R	The exact value of <code>@displayName</code> MUST be specified by the CDA-CH V2 derivative.	

 <code>h17:translation</code>	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata. The exact value of <code>@code</code> and <code>@displayName</code> MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R	The exact value of <code>@code</code> MUST be specified by the CDA-CH V2 derivative.	
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.6.96	
 <code>@codeSystemName</code>	st	1 ... 1	F	SNOMED CT	
 <code>@displayName</code>	st	1 ... 1	R	The exact value of <code>@displayName</code> MUST be specified by the CDA-CH V2 derivative.	
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>EprDocumentType-Code</i> (DYNAMIC)			
 <code>h17:title</code>	ST	1 ... 1	M	The expected titles (at least in English, German, French and Italian) MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
 <code>h17:effectiveTime</code>	TS.CH.TZ	1 ... 1	M	The document's creation date and time. If this document replaces a previous version (linked via <code>parentDocument</code>), this is the date and time of the new version.	CDA-CH V2
<i>Included</i>		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.19 <i>Document Confidentiality Code</i> (DYNAMIC)	
 <code>h17:confidentialityCode</code>	CE (required)	1 ... 1	M	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R	The value of <code>@code</code> MUST be drawn from value set <code>EprDocumentConfidentialityCode</code> (2.16.756.5.30.1.127.3.10.1.5)	
 <code>@codeSystem</code>	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)	
 hl7:languageCode	CS	1 ... 1	M	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)	
Included				from 2.16.756.5.30.1.1.10.2.20 <i>Document Set Id and Version Number</i> (DYNAMIC)	
 hl7:setId	II	1 ... 1	R	The setId element MUST match the document id of the very first version of that document. It MUST remain the same for all document versions.	CDA-CH V2
 @root	uid	1 ... 1	R	The root attribute MUST contain the setId as Globally Unique Identifier (GUID).	
 @extension	st	0	NP	NP/not present	
	Schematron assert	role		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.	

 <code>hl7:versionNumber</code>	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)	
 <code>hl7:recordTarget</code>		1 ... 1	R	A human patient for whom this CDA document instance was created. Target patient 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). Patient identifiers Multiple ids (patient identification number) MAY be declared. If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of its data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification. The patient identification number MUST be grouped with the OID of its assigning system. The patient identification number MUST be unique within the system identified by the OID. The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid-info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc. OIDs that can't be found in a public OID registry are NOT ALLOWED. Pseudonymizing 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	CDA-CH V2

				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.	
 hl7:templateId	II	1 ... 1	M		CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
 hl7:patientRole		1 ... 1	R		CDA-CH V2
 hl7: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.	
 hl7:addr	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 hl7: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 [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-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)			
└ hl7:birthTime	TS.CH.TZ	1 ... 1	R	The patient's birthdate.	CDA-CH V2
└ hl7: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)			
└ hl7:translation		0 ... *		A translation of the code to another coding system	CDA-CH V2
└ @code	CS	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	R		
└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R		
└ hl7: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			

Included	 @displayName	st	0 ... 1			
			0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
	 hl7:originalText	ED	0 ... 1	C		CDA-CH V2
	 hl7:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
	 @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role			error	
		test			starts-with(@value,'#')	
		Message			The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.	
	Variable let	Name			idvalue	
		Value			substring-after(@value,'#')	
	Schematron assert	role			error	
		test			ancestor::hl7:structuredBody//*[@ID=\$idvalue]	
		Message			No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').	
	Schematron assert	role			error	
		test			parent::*/text()=ancestor::hl7:structuredBody//*[@ID=\$idvalue]/text()	
		Message			The originalText content MUST be identical to the narrative text for this reference.	
	Schematron assert	role			error	

			test	(@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				
	Schematron assert	role	 error			

			test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
			Message	Either nullFlavor or a valid code is required.	
 hl7:addr	AD	0 ... *		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 hl7:telecom	TEL	0 ... *		The guardian's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		1 ... 1		Elements to choose from: - hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) - hl7:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	
 hl7:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 hl7:guardianOrganization				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
 hl7:birthplace		0 ... 1		The patient's birthplace.	CDA-CH V2

 <code>h17:place</code>		1 ... 1			CDA-CH V2
 <code>h17:name</code>	EN	0 ... 1		The patient's birthplace name.	CDA-CH V2
 <code>h17:addr</code>	AD	1 ... 1	R	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 <code>h17:languageCommunication</code>		0 ... *		The patient's language skills.	CDA-CH V2
 <code>h17:languageCode</code>	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)			
 <code>h17:modeCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbilityMode</i> (DYNAMIC)			

 hl7: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)			
 hl7:preferenceInd	BL	0 ... 1		In case of @value=true it is the patient's correspondence language.	CDA-CH V2
 hl7:providerOrganization		0 ... 1		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		1 ... *	M	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)	
 hl7:author		1 ... *	M	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
 hl7:templateId	II	1 ... 1	M		CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23	
 hl7:functionCode	CE	1 ... 1	R	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1.	CDA-CH V2

				If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	
└ @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 <functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>				
Example	Nurse <functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	Home helper <functionCode nullFlavor="NAV"> <originalText>Home helper</originalText> </functionCode>				
Example	Laboratory technician <functionCode nullFlavor="NAV"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>				
Schematron assert	role		error		
	test	(@code and @codeSystem) or (@nullFlavor='NAV')			

			Message	Either a code with its code system or nullFlavor='NAV' is required.		
	Schematron assert	role		error		
		test	not(@nullFlavor) or (hl7:originalText)			
		Message	Other Caregivers description MUST be declared in the originalText element in case of nullFlavor.			
hl7:translation		0 ... *			A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	CDA-CH V2
@code	CS	1 ... 1	R			
@codeSystem	oid	1 ... 1	R			
@codeSystemName	st	1 ... 1	R			
@displayName	st	1 ... 1	R			
hl7:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.		
hl7:assignedAuthor		1 ... 1	R			
	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. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
@nullFlavor	CS	0 ... 1	F	NAV Temporarily unknown, will be filled later.	
@root	CS	0 ... 1	F	2.51.1.3 OID for GS1 GLN.	
@extension	st	0 ... 1		The GS1 GLN.	
	Schematron assert	role test Message	error (@root='2.51.1.3' and @extension) or (@nullFlavor='NAV') 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. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2

 hl7:telecom	TEL	0 ... *		The author's means of communication (phone, eMail, ...).	CDA-CH V2
<i>Choice</i>		1 ... 1		Elements to choose from: - hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) - hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	
 hl7:assignedPerson		0 ... 1		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 hl7:assignedAuthoringDevice		0 ... 1		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2
 hl7:representedOrganization		0 ... 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... 1		from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)	
 hl7:dataEnterer		0 ... 1		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
 hl7:templateId	II	1 ... 1	M		CDA-CH V2

 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.7	
 hl7:time	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2
 hl7:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)	
 hl7:informant		0 ... *			CDA-CH V2
 @typeCode		0 ... 1	F	INF	
 @contextControlCode		0 ... 1	F	OP	
<i>Choice</i>		1 ... 1		Elements to choose from: - hl7:assignedEntity containing template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC) - hl7:relatedEntity containing template 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	
 hl7:assignedEntity				Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2

 <code>h17:relatedEntity</code>				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.3 <i>Custodian</i> (DYNAMIC)	
 <code>h17:custodian</code>		1 ... 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	<code>uid</code>	1 ... 1	F	2.16.756.5.30.1.1.10.2.3	
 <code>h17:assignedCustodian</code>		1 ... 1	R		CDA-CH V2
 <code>h17:representedCustodianOrganization</code>		1 ... 1	R		CDA-CH V2
 <code>h17:id</code>	II	1 ... *	M	The custodian's id.	CDA-CH V2
 <code>@root</code>	<code>uid</code>	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). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		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). Recipient types: - The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. - Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
 @typeCode	CS	0 ... 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone,	

in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.					
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 <i>x_InformationRecipient</i> (DYNAMIC)			
L _{h17:templateId}	II	1 ... 1	M		CDA-CH V2
L _{@root}	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4	
L _{h17:intendedRecipient}		1 ... 1	R		CDA-CH V2
L _{h17:id}	II	0 ... *	R	The recipient's identification(s).	CDA-CH V2
L _{@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.	
L _{@extension}	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
L _{h17:addr}	AD	0 ... *		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
L _{h17:telecom}	TEL	0 ... *		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2

 <code>h17:informationRecipient</code>		0 ... 1		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 <code>h17:receivedOrganization</code>		0 ... 1		The addressee organization. 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)	
 <code>h17:legalAuthenticator</code>		0 ... 1		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.5	
 <code>h17:time</code>	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
 <code>h17:signatureCode</code>	CS	1 ... 1	R		CDA-CH V2
 <code>@code</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 2.16.756.5.30.1.1.10.2.6 <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

 <code>hl7:signatureCode</code>	CS	1 ... 1	R		CDA-CH V2
 <code>@code</code>	CS	1 ... 1	F	S	
 <code>@codeSystem</code>	oid	0	NP	NP/not present	
 <code>@codeSystemName</code>	st	0	NP	NP/not present	
 <code>@displayName</code>	st	0	NP	NP/not present	
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)			
 <code>hl7:assignedEntity</code>		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)	
 <code>hl7:participant</code>		0 ... *		Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.	CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	F	IND	
 <code>hl7:templateId</code>	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model of Employer.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.40	

 hl7: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	
 hl7: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	
 hl7:time	IVL_TS.CH.TZ	0 ... 1		Validity period of contract.	CDA-CH V2
 hl7:low	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
 hl7:high	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
 hl7:associatedEntity		1 ... 1	R		CDA-CH V2
 @classCode	CS	1 ... 1	F	CON	

 <code>h17:id</code>	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:code</code>	CE	1 ... 1	R		CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.3	
 <code>@codeSystemName</code>	st	1 ... 1	F	IHERoleCode	
 <code>@displayName</code>	st	0	NP	NP/not present	
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.756.5.30.1.1.11.77 <i>IHERoleCode Employer and School Contacts</i> (DYNAMIC)			
 <code>h17:associatedPerson</code>		0 ... 1		Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 <code>h17:scopingOrganization</code>		1 ... 1		The employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.15 <i>Insurance - participant</i> (DYNAMIC)	

 <code>h17:participant</code>		0 ... *		Information on a patient's insurance.	CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	F	COV	
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.15	
 <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of the contract.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	PAYOR	

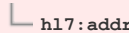
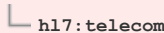
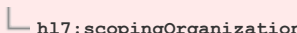
 <code>h17:id</code>	II	1 ... 1	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:code</code>	CE	1 ... 1	R	The underlying law for the contract.	CDA-CH V2
 <code>@nullFlavor</code>	CS	0 ... 1	F	NAV	
 <code>@code</code>	CS	0 ... 1		832.10, 832.20, 221.229.1, 833.1, 831.20	
 <code>@codeSystem</code>	oid	0 ... 1	F	2.16.756.5.30.2.1.1.11	
 <code>@codeSystemName</code>	st	0 ... 1	F	ins-laws	
 <code>@displayName</code>	st	0 ... 1		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MiliA), Federal Act on Invalidity Insurance (InviA)	
		role	 error		
	Schematron assert	test		(<code>@nullFlavor='NAV'</code> and not(<code>@codeSystem</code> or <code>@codeSystemName</code> or <code>@code</code> or <code>@displayName</code>)) or (<code>@codeSystem='2.16.756.5.30.2.1.1.11'</code> and <code>@codeSystemName='ins-laws'</code> and <code>@code</code> and <code>@displayName</code>)	
		Message		Either a valid insurance law or <code>nullFlavor="NAV"</code> is REQUIRED.	
 <code>h17:associatedPerson</code>		0 ... 1		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2

 <code>h17:scopingOrganization</code>		1 ... 1		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 <i>Organization Compilation with GLN, name, addr and telecom</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)	
 <code>h17:participant</code>		0 ... *		Information on a patient's insurance card.	CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	F	HLD	
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.14	
 <code>h17:time</code>	IVL_TS.CH.TZ	1 ... 1	R	Validity period of the insurance card.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1			CDA-CH V2
 <code>@nullFlavor</code>	CS	1 ... 1	F	NASK	

 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	Expiration date of the insurance card.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	POLHOLD	
 <code>h17:id</code>	II	1 ... 1	R	The insurance card's id.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.123.100.1.1.1	
 <code>@extension</code>	st	1 ... 1	R	Number of the insurance card.	
 <code>h17:associatedPerson</code>		0 ... 1		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 <code>h17:scopingOrganization</code>		0 ... 1		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		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: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
└ h17:code	CE	1 ... 1	R	The contact's role.	CDA-CH V2
└ @nullFlavor	CS	0 ... 1			
└ @code	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.	

	AD	0 ... *		The contact's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
	TEL	0 ... *		The contact's means of communication (phone, eMail, ...).	CDA-CH V2
		0 ... 1	C	The contact person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
		0 ... 1	C	The contact's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
		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.		
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.16 <i>Order Reference - inFulfillmentOf</i> (DYNAMIC)	
		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

 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16	
 <code>h17:order</code>		1 ... 1	R		CDA-CH V2
 <code>h17:id</code>	II	1 ... *	R	Order number.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
 <code>@extension</code>	st	0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)	
 <code>h17:documentationOf</code>		0 ... *		Information about a health service describing the context of this CDA document.	CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	F	DOC	
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2

 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46	
 h17:serviceEvent		1 ... 1	R		CDA-CH V2
 @classCode	CS	1 ... 1	F	ACT	
 @moodCode	CS	1 ... 1	F	EVN	
 h17:id	II	0 ... *		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
 @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 h17:code	CE	1 ... 1	R	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
 @nullFlavor	st	1 ... 1	F	NAV	
 @code	CS	0	NP	NP/not present	
 @codeSystem	oid	0	NP	NP/not present	
 @codeSystemName	st	0	NP	NP/not present	
 @displayName	st	0	NP	NP/not present	

 <code>h17:translation</code>		0 ... *		A translation of the code to another coding system.	CDA-CH V2
 <code>@code</code>	CS	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	R		
 <code>@codeSystemName</code>	st	1 ... 1	R		
 <code>@displayName</code>	st	1 ... 1	R		
 <code>h17:effectiveTime</code>	IVL_TS.CH.TZ	1 ... 1	R	Duration of the health service.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the health service.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the health service.	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.9.31 <i>Performer</i> (DYNAMIC)	
 <code>h17:performer</code>		0 ... *		Information about a healthcare provider who was the primary performer of the act.	CDA-CH V2
 <code>@typeCode</code>	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. 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	<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode>				

Included	Example	<pre><functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode></pre>			
	Schematron assert	role		error	
		test		not(@code='133932002') or (hl7:originalText/text())	
		Message		Other Caregivers description MUST be declared in the originalText element.	
		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured 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 ' <code><value-of select="\$idvalue"/></code> ').		
			role	 error		
		Schematron assert	test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=\$idvalue]/text()		
			Message	The originalText content MUST be identical to the narrative text for this reference.		
 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
<i>Included</i>		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. Notes: For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid: ▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	CDA-CH V2
 @typeCode	CS	1 ... 1	F	RPLC	
Indicates that it is a relationship to another document that needs to be replaced.					
 hl7:templateId	II	1 ... 1	M		CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.13	

 <code>hl7:parentDocument</code>		1 ... 1	R	Relationship to the document that needs to be replaced.	CDA-CH V2
 <code>hl7:id</code>	II	1 ... 1	M	The id of the document to be replaced MUST be declared.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The id (GUID) of the document to be replaced.	
 <code>@extension</code>	st	0	NP	NP/not present	
 <code>hl7:setId</code>	II	1 ... 1	M	The setId of the document to be replaced MUST be declared.	CDA-CH V2
 <code>@extension</code>	st	0	NP	NP/not present	
 <code>@root</code>	uid	1 ... 1	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	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	
 <code>hl7:versionNumber</code>	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)	
L h17:authorization		0 ... *			CDA-CH V2
L @typeCode		0 ... 1	F	AUTH	
L h17:consent		1 ... 1			CDA-CH V2
L @classCode		0 ... 1	F	CONS	
L @moodCode		0 ... 1	F	EVN	
L h17:id	II	0 ... *			CDA-CH V2
L h17:code	CE	0 ... 1			CDA-CH V2
L @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.4 (Act Code)	
L h17:statusCode	CS	1 ... 1	R		CDA-CH V2

@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			CDA-CH V2
@typeCode			0 ... 1	F	COMP	
h17:encompassingEncounter			1 ... 1			CDA-CH V2
@classCode			0 ... 1	F	ENC	
@moodCode			0 ... 1	F	EVN	
h17:id	II		0 ... *			CDA-CH V2
h17:code	CE		0 ... 1			CDA-CH V2
		CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 ActEncounter-Code (DYNAMIC)			

 <code>h17:effectiveTime</code>	IVL_TS	1 ... 1	R		CDA-CH V2
 <code>h17:dischargeDispositionCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	shall be drawn from concept domain "EncounterDischargeDisposition"			
 <code>h17:responsibleParty</code>		0 ... 1		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
 <code>@typeCode</code>		0 ... 1	F	RESP	
 <code>h17:encounterParticipant</code>		0 ... *			CDA-CH V2
 <code>@typeCode</code>	CS	1 ... 1	R		
	CONF	The value of <code>@typeCode</code> shall be drawn from value set 2.16.840.1.113883.1.11.19600 <i>x_EncounterParticipant</i> (DYNAMIC)			
 <code>h17:time</code>	IVL_TS	0 ... 1			CDA-CH V2

 <code>hl7:assignedEntity</code>		1 ... 1		Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2
 <code>hl7:location</code>		0 ... 1			CDA-CH V2
 <code>@typeCode</code>		0 ... 1	F	LOC	
 <code>hl7:healthCareFacility</code>		1 ... 1			CDA-CH V2
 <code>@classCode</code>		0 ... 1	F	SDLOC	
 <code>hl7:id</code>	II	0 ... *			CDA-CH V2
 <code>hl7:code</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocationRoleType</i> (DYNAMIC)			

 hl7:location		0 ... 1		Contains 2.16.840.1.113883.10.12.317 CDA Place (DYNAMIC)	CDA-CH V2
 hl7:serviceProvider Organization		0 ... 1		Contains 2.16.840.1.113883.10.12.151 CDA Organization (DYNAMIC)	CDA-CH V2
 hl7:component		1 ... 1	R		(CDA...ody)
 hl7:nonXMLBody		1 ... 1	R		(CDA...ody)
 hl7:text	ED	1 ... 1	R		(CDA...ody)
Schematron assert		role	 warning		
		test	not(//hl7:id[@root='2.16.756.5.30.1.127.3.10.3'])		
		Message	This CDA-CH V2 document contains a Swiss EPR-SPID. Please make sure, that this fits the legal base.		
Schematron report		role	 warning		
		test	//hl7:id[@root=('2.16.756.5.31', '2.16.756.5.32')]/parent::hl7:patientRole		
		Message	This CDA-CH V2 document contains a Swiss Social Security number as patient identifier. Please make sure, that this fits the legal base.		

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

7.3.2 CDA Header Level Templates

Les CDA Header Level Templates ci-après sont présentés par ordre attendu de HL7 CDA R2 (2005) ou bien du XML Schema (POCD_MT000040.xsd) dérivé au document CDA. Car il n'y a pas un Template pour chaque element au Header CDA ou il y a plusieurs Templates pour un element, l'ordre ci-après est important:

1. realmCode: voir "7.3.2.1 Document_Realm"
2. typeId: valeur fixe défini par HL7 CDA R2 (2005), aucun Template CDA-CH.
3. templateId: voir "0 Document_Template_Ids_CDA-CH_V2"
4. id: voir "7.3.2.4 Document_Id"
5. code: voir "7.3.2.5 Document_Code"
6. title: Défini par des document dérivé de CDA-CH, aucun Template CDA-CH.
7. effectiveTime: valeur unique de la date d'émission du document CDA, aucun Template CDA-CH.
8. confidentialityCode: voir "7.3.2.6 Document_Confidentiality_Code"
9. languageCode: voir "7.3.2.7 Document_Language"
10. setId: voir "7.3.2.8 Document_Set_Id_and_Version_Number"
11. versionNumber: voir "7.3.2.8 Document_Set_Id_and_Version_Number"
12. recordTarget: voir "7.3.2.9 Patient_-_recordTarget"
13. author: voir "7.3.5.6 Author_2"
14. dataEnterer: voir "7.3.2.11 Data_Enterer"
15. informant: voir "7.3.2.12 CDA_Informant"
16. custodian: voir "7.3.2.13 Custodian"
17. informationRecipient: voir "7.3.2.14 Recipient_-_informationRecipient"
18. legalAuthenticator: voir "7.3.2.15 Legal_Authenticator"

19. authenticator: voir "7.3.2.16 Authenticator"
20. participant: voir "7.3.2.17 Employer_-_participant", "7.3.2.18 Insurance_-_participant", "7.3.2.19 Insurance_Card_-_participant"
21. inFulfillmentOf: voir "7.3.2.21 Order_Reference_-_inFulfillmentOf"
22. documentationOf: voir "7.3.2.22 Health_Service_-_documentationOf"
23. relatedDocument: voir "7.3.2.23 Document_Replacement_-_relatedDocument"
24. authorization: voir "7.3.2.24 CDA_Authorization"
25. componentOf: voir "7.3.2.25 CDA_componentOf"

7.3.2.1 Document Realm

Id	2.16.756.5.30.1.1.10.2.25	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_header_DocumentRealm	Display Name	Document Realm
Description	Swiss Realm (CHE) of HL7 CDA. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Pathname		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 3 templates, Uses 0 templates		
	Used by	as	Name
	2.16.756.5.30.1.1.10.1.12	Include 	CDA-CH v2.0 - nonXMLBody (2017)
	2.16.756.5.30.1.1.10.1.14	Include 	CDA-CH v2.0 - structuredBody enhanced (2018)
	2.16.756.5.30.1.1.10.1.9	Include 	CDA-CH v2.0 - structuredBody (2017)
Example	Example		
	<pre><realmCode code="CHE"/></pre>		

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

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

Id	2.16.756.5.30.1.1.10.2.47	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_header_DocumentTemplateIdsCdaChv2.0-nonXmlBody	Display Name	Document Template Ids CDA-CH v2.0 - nonXMLBody

Description

CDA-CH V2 bases on HL7 CDA R2 (2005) and - by using this template - require a non XML body for specific, not further described use cases. CDA-CH V2 derivatives, i.e. Swiss exchange formats SHOULDN'T use this template, as they better refer to the document level template requiring a structured body. These SHALL define further template ids in their own separate templates.

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

Used by / Uses

Used by 0 transactions and 1 template, Uses 0 templates

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

Example

Example

```
<!-- CDA-CH v2.0 specification (optional, but informative template id). -->
<templateId root="2.16.756.5.30.1.1.1.1.4"/>
<!-- CDA-CH v2.0 ART-DECOR model - nonXMLBody. -->
<templateId root="2.16.756.5.30.1.1.10.1.12"/>
<!-- HL7 CDA R2 (2005) having a nonXMLBody. -->
<templateId root="2.16.840.1.113883.10.12.2"/>
<!-- HL7 CDA R2 (2005). -->
<templateId root="2.16.840.1.113883.10.12.1"/>
```

Item	DT	Card	Conf	Description	Label
h17:templateId	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└ @root					
	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4	
h17:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model - nonXMLBody.	CDA-CH V2
└ @root					
	uid	1 ... 1	F	2.16.756.5.30.1.1.10.1.12	

hl7:templateId	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as nonXMLBody.	CDA-CH V2
L @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.3	
hl7:templateId	II	1 ... 1	M	HL7 CDA R2 (2005).	CDA-CH V2
L @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.1	

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

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

Description

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

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

Used by / Uses

Used by 0 transactions and 2 templates, Uses 0 templates

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

Example

Example

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

Item	DT	Card	Conf	Description	Label
hl7:templateId	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4	
hl7:templateId	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.2	

hl7:templateId	II	1 ... 1	M	HL7 CDA R2 (2005).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.1	

7.3.2.4 Document Id

Id	2.16.756.5.30.1.1.10.2.23	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_header_DocumentId	Display Name	Document Id
Description	A unique identifier for each CDA document instance. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Pathname		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates		
	Used by	as	Name
	2.16.756.5.30.1.1.10.9.36	Include	● CDA-CH v2.0 Header Template Compilation (2017)
	2.16.756.5.30.1.1.10.1.12	●	● CDA-CH v2.0 - nonXMLBody (2017)
	2.16.756.5.30.1.1.10.1.14	●	● CDA-CH v2.0 - structuredBody enhanced (2018)
	2.16.756.5.30.1.1.10.1.9	●	● CDA-CH v2.0 - structuredBody (2017)

Example	Example <id root="807563C2-5146-11D5-A672-00B0D022E945"/>				
Item	DT	Card	Conf	Description	Label
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	

7.3.2.5 Document Code

Id	2.16.756.5.30.1.1.10.2.44
Status	 Active
Name	cdach_header_DocumentCode

Effective Date	2018-04-18
Version Label	2017
Display Name	Document Code

Description

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

Context	Pathname
Label	CDA-CH V2
Classification	CDA Header Level Template

Open/Closed		Open (other than defined elements are allowed)									
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates										
	Used by	as	Name		Version						
	2.16.756.5.30.1.1.10.9.36	Include		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18						
	2.16.756.5.30.1.1.10.1.12			CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18						
	2.16.756.5.30.1.1.10.1.14			CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18						
2.16.756.5.30.1.1.10.1.9			CDA-CH v2.0 - structuredBody (2017)	2018-04-18							
Example	eMedication, CDA-CH-EMED V1, ePrescription <pre><!-- IHE PHRAM PRE defines the document code --> <code code="57833-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Prescription for medication"> <!-- Mapping to the Swiss EPR XDS.b metadata according to the Value-Set EprDocumentTypeCode (201704.1-beta; 2.16.756.5.30.1.127.3.10.1.27) --> <translation code="440545006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Prescription for Medication"/> </code></pre>										
Example	Social-medical care plan, CDA-CH-SMCP V2 <pre><!-- IHE PPOC defines the document code --> <code code="56447-6" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Plan of Care Note"> <!-- Mapping to the Swiss EPR XDS.b metadata according to the Value-Set EprDocumentTypeCode (201704.1-beta; 2.16.756.5.30.1.127.3.10.1.27) --> <translation code="721915006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Admission re- quest"/> </code></pre>										
<table><tr><td>Item</td><td>DT</td><td>Card</td><td>Conf</td><td>Description</td><td>Label</td></tr></table>						Item	DT	Card	Conf	Description	Label
Item	DT	Card	Conf	Description	Label						

h17:code	CE	1 ... 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.	CDA-CH V2
 @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
 @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1	
 @codeSystemName	st	1 ... 1	F	LOINC	
 @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
 h17:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
 @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
 @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.96	
 @codeSystemName	st	1 ... 1	F	SNOMED CT	
 @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>EprDocumentType-Code</i> (DYNAMIC)			

7.3.2.6 Document Confidentiality Code

Id	2.16.756.5.30.1.1.10.2.19
Status	 Active

Effective Date	2018-04-18
Version Label	2017

Name	cdach_header_DocumentConfidentialityCode	Display Name	Document Confidentiality Code
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Description

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

Language dependent references to the Swiss EPR regulation:

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

Context	Pathname			
Label	CDA-CH V2			
Classification	CDA Header Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Example	Example			
	<pre><confidentialityCode code="1051000195109" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="normal"/></pre>			

Item	DT	Card	Conf	Description	Label
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 EprDocumentConfidentiality-Code (2.16.756.5.30.1.127.3.10.1.5)	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>EprDocumentConfidentialityCode</i> (DYNAMIC)			

7.3.2.7 Document Language

Id	2.16.756.5.30.1.1.10.2.22
Status	● Active
Name	cdach_header_DocumentLanguage

Effective Date	2018-04-18
Version Label	2017
Display Name	Document Language

Description

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

Context	Pathname
Label	CDA-CH V2

Classification	CDA Header Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Example	US-English <languageCode code="en-US"/>			
Example	Swiss-German <languageCode code="de-CH"/>			
Example	Swiss-French <languageCode code="fr-CH"/>			
Example	Swiss-Italian <languageCode code="it-CH"/>			

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

7.3.2.8 Document Set Id and Version Number

Id	2.16.756.5.30.1.1.10.2.20	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_header_DocumentSetIdAndVersionNumber	Display Name	Document Set Id and Version Number
Description	Unity of document versions. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Pathname		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates		
	Used by	as	Name
	2.16.756.5.30.1.1.10.9.36	Include	● CDA-CH v2.0 Header Template Compilation (2017)
	2.16.756.5.30.1.1.10.1.12	●	● CDA-CH v2.0 - nonXMLBody (2017)
	2.16.756.5.30.1.1.10.1.14	●	● CDA-CH v2.0 - structuredBody enhanced (2018)
	2.16.756.5.30.1.1.10.1.9	●	● CDA-CH v2.0 - structuredBody (2017)

Example	Version 1 <pre><!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/ id/@root="807563C2-5146-11D5-A672-00B0D022E945" (equal to setId) --> <setId root="807563C2-5146-11D5-A672-00B0D022E945"/> <versionNumber value="1"/></pre>
Example	Version 2 <pre><!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/ id/@root="FD05DCA1-14A9-4AAE-B57E-6B28E621D853" (not equal to setId) --> <setId root="807563C2-5146-11D5-A672-00B0D022E945"/> <versionNumber value="2"/></pre>

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

			Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.	
hl7:versionNumber	INT.NONNEG	1 ... 1	R	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2

7.3.2.9 Patient - recordTarget

Id	2.16.756.5.30.1.1.10.2.1	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_header_Patient	Display Name	Patient - recordTarget
Description	A human patient for whom this CDA document instance was created. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.1		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 5 templates		
	Used by	as	Name
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)
Version			
2018-04-18			
2018-04-18			
2018-04-18			
2018-04-18			

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

Relationship

Specialization: template 2.16.840.1.113883.10.12.101 (2005-09-07)

Example**Sample patient**

```

<recordTarget>
  <templateId root="2.16.756.5.30.1.1.10.2.1"/>
  <patientRole>
    <id root="2.999" extension="898989"/>
    <addr use="HP">
      <streetName>Leidensweg</streetName>
      <houseNumber>10</houseNumber>
      <postalCode>9876</postalCode>
      <city>Specimendorf</city>
      <country>CH</country>
    </addr>
    <telecom use="HP" value="tel:+41.32.685.12.34"/>
    <telecom use="PUB" value="mailto:sesuna.tigrinja@samplomain.ch"/>
  </patientRole>
  <patient>
    <name>
      <given>Sesuna</given>
      <family>Tigrinja</family>
    </name>
    <administrativeGenderCode code="F" codeSystem="2.16.840.1.113883.5.1" codeSystemName="AdministrativeGender" displayName="Female"/>
    <birthTime value="20000404"/>
  </patient>
  <providerOrganization>
    <id root="2.51.1.3" extension="7608888888888888"/>
    <name>Gruppenpraxis CH, Dr. med. Allzeit Bereit</name>
  </providerOrganization>
</recordTarget>

```

Example

Pseudonymizing with initials

```

<recordTarget>
  <templateId root="2.16.756.5.30.1.1.10.2.1"/>
  <patientRole>
    <id nullFlavor="MSK"/>
    <addr nullFlavor="MSK"/>
    <telecom nullFlavor="MSK"/>
    <patient>
      <name nullFlavor="MSK">
        <family>(only first letter)</family>
        <given>(only first letter)</given>
      </name>
      <administrativeGenderCode nullFlavor="MSK"/>
      <birthTime nullFlavor="MSK"/>
    </patient>
  </patientRole>
</recordTarget>

```

Item	DT	Card	Conf	Description	Label
hl7:recordTarget		1 ... 1	R	A human patient for whom this CDA document instance was created. Target patient 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). Patient identifiers Multiple ids (patient identification number) MAY be declared. If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of its data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification. The patient identification number MUST be grouped with the OID of its	CDA-CH V2

				assigning system. The patient identification number MUST be unique within the system identified by the OID. The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid-info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc. OIDs that can't be found in a public OID registry are NOT ALLOWED. ▪ Pseudonymizing 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.	
└ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
└ hl7:patientRole		1 ... 1	R		CDA-CH V2
└ hl7: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.	

 <code>h17:addr</code>	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 <code>h17:telecom</code>	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
 <code>h17:patient</code>		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 <code>[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]]</code>					
 <code>h17:administrativeGenderCode</code>	CE	1 ... 1	R	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-CH V2
 <code>@code</code>	CS	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.5.1	
 <code>@codeSystemName</code>	st	1 ... 1	F	HL7 AdministrativeGender	
 <code>@displayName</code>	st	1 ... 1	R		
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 <i>EprGender</i> (DYNAMIC)			

 <code>hl7:birthTime</code>	TS.CH.TZ	1 ... 1	R	The patient's birthdate.	CDA-CH V2
 <code>hl7:maritalStatusCode</code>	CE	0 ... 1		The patient's marital status.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.1.11.12212	
 <code>@codeSystemName</code>	st	1 ... 1	F	HL7 MaritalStatus	
 <code>@displayName</code>	st	1 ... 1	R		
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC)			
 <code>hl7:translation</code>		0 ... *		A translation of the code to another coding system	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	R		
 <code>@codeSystemName</code>	st	1 ... 1	R		
 <code>@displayName</code>	st	1 ... 1	R		

hl7: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) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:originalText	ED	0 ... 1	C		CDA-CH V2
hl7:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
Schematron assert		role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		

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

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. 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: - h17:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) - h17:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	

 h17:guardianPerson				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 h17:guardianOrganization				The guardian's as an organization. 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. 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

 <code>h17:languageCode</code>	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)			
 <code>h17:modeCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbilityMode</i> (DYNAMIC)			
 <code>h17:proficiencyLevelCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbilityProficiency</i> (DYNAMIC)			
 <code>h17:preferenceInd</code>	BL	0 ... 1		In case of @value=true it is the patient's correspondence language.	CDA-CH V2
 <code>h17:providerOrganization</code>		0 ... 1		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	CDA-CH V2

7.3.2.10 Author

Le template peut être utilisé aussi au corps CDA est par conséquent documenté dans "7.3.5 Other_CDA_Templates" ici: "0 Author_3".

7.3.2.11 Data Enterer

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

Description

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

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

Used by / Uses	Used by 0 transactions and 4 templates, Uses 1 template			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.12	Containment	 Assigned Entity Compilation with id (2017)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.103 (2005-09-07)			

Example

Example

```

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

```

Item	DT	Card	Conf	Description	Label
hl7:dataEnterer		0 ... 1		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
└ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.7	
└ hl7:time	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2

h17:assignedEntity	1 ... 1 R	Contains 2.16.756.5.30.1.1.10.9.12 Assigned Entity Compilation with id (DYNAMIC)	CDA-CH V2
--------------------	-----------	--	-----------

7.3.2.12 CDA Informant

Ce modèle n'est pas spécifié plus en détail par CDA-CH. Par souci d'exhaustivité, c'est le modèle original d'ART-DECOR qui est reproduit ici.

Id	2.16.840.1.113883.10.12.154 ref ad1bbr-	Effective Date	2005-09-07
Status	● Active	Version Label	
Name	CDAInformant	Display Name	CDA Informant
Description	Template CDA Informant (prototype, directly derived from POCD_RM000040 MIF)		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Used by 0 transactions and 14 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	● CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.9	●	● CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.41	Include	● Header Template Compilation Medication Dispense document (2017)	2018-01-08 15:56:47
2.16.756.5.30.1.1.10.1.5	●	● Medication Dispense document (2017)	2016-05-21
2.16.756.5.30.1.1.10.9.42	Include	● Header Template Compilation Medication Card document (2017)	2018-01-08 16:20:12
2.16.756.5.30.1.1.10.1.3	●	● Medication Card document (2017)	2016-05-13

2.16.756.5.30.1.1.10.9.43	Include	 Header Template Compilation Pharmaceutical Advice document (2017)	2018-01-08 16:23:16
2.16.756.5.30.1.1.10.1.6		 Pharmaceutical Advice document (2017)	2016-05-21
2.16.756.5.30.1.1.10.9.44	Include	 Header Template Compilation MedicationTreatmentPlan (2017)	2018-01-08 16:26:11
2.16.756.5.30.1.1.10.1.7		 Medication Treatment Plan document (2017)	2017-04-12 13:57:31
2.16.756.5.30.1.1.10.9.45	Include	 Header Template Compilation Medication Prescription document (2017)	2018-01-08 16:28:39
2.16.756.5.30.1.1.10.1.4		 Medication Prescription document (2017)	2016-05-21
2.16.756.5.30.1.1.10.9.46	Include	 Header Template Compilation Medication List document (2017)	2018-01-22 15:29:29
2.16.756.5.30.1.1.10.1.13		 Medication List document (2017)	2018-01-22 15:17:26

Uses	as	Name	Version
2.16.840.1.113883.10.12.153	Containment	 CDA AssignedEntity	DYNAMIC
2.16.840.1.113883.10.12.316	Containment	 CDA RelatedEntity	DYNAMIC

Item	DT	Card	Conf	Description	Label
hl7:informant		0 ... *			(CDA...ant)
 @typeCode		0 ... 1	F	INF	
 @contextControlCode		0 ... 1	F	OP	
Choice		1 ... 1		Elements to choose from:	

- hl7:assignedEntity containing template 2.16.840.1.113883.10.12.153 *CDA AssignedEntity* (DYNAMIC)
- hl7:relatedEntity containing template 2.16.840.1.113883.10.12.316 *CDA RelatedEntity* (DYNAMIC)

hl7:assignedEntity				Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	(CDA...ant)
hl7:relatedEntity				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	(CDA...ant)

7.3.2.13 Custodian

Id	2.16.756.5.30.1.1.10.2.3
Status	● Active
Name	cdach_header_Custodian

Effective Date	2018-04-18
Version Label	2017
Display Name	Custodian

Description

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

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

Used by / Uses

Used by 0 transactions and 4 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.104 (2005-09-07)

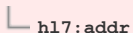
Example

Example

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

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

hl7:custodian		1 ... 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
└ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.3	
└ hl7:assignedCustodian		1 ... 1	R		CDA-CH V2
└ hl7:representedCustodianOrganization		1 ... 1	R		CDA-CH V2
└ hl7:id	II	1 ... *	M	The custodian's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:name	ON	1 ... 1	R	The custodian's name.	CDA-CH V2

	TEL	0 ... *	The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
	AD	0 ... *	The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2

7.3.2.14 Recipient - informationRecipient

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

Description

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.4
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 4 templates, Uses 3 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.105 (2005-09-07)

Example

Primary Recipient

```

<informationRecipient typeCode="PRCP">
  <templateId root="2.16.756.5.30.1.1.10.2.4"/>
  <intendedRecipient>
    <informationRecipient>
      <name>Kurhaus Blumenalp, Zentrum für orthopädische Rehabilitation, Aertzliche Leitung</name>
    </informationRecipient>
    <receivedOrganization>
      <addr use="WP">
        <postalCode>9876</postalCode>
        <city>Blumenalp</city>
        <country>CH</country>
      </addr>
    </receivedOrganization>
  </intendedRecipient>
</informationRecipient>

```

Example

Other Recipient

```

<informationRecipient typeCode="TRC">

```

```

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

```

Item	DT	Card	Conf	Description	Label
hl7:informationRecipient		1 ... *	R	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). Recipient types: - The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient. - Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient).	CDA-CH V2
 @typeCode	CS	0 ... 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the default value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.	

		CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 <i>x_InformationRecipient</i> (DYNAMIC)			
└─ hl7:templateId	II	1 ... 1	M			CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4		
└─ hl7:intendedRecipient		1 ... 1	R			CDA-CH V2
└─ hl7:id	II	0 ... *	R	The recipient's identification(s).		CDA-CH V2
└─ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.		
└─ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.		
└─ hl7:addr	AD	0 ... *		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)		CDA-CH V2
└─ hl7:telecom	TEL	0 ... *		The recipient's means of communication (phone, eMail, ...).		CDA-CH V2

 h17:informationRecipient		0 ... 1	The addressee person. 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. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2

7.3.2.15 Legal Authenticator

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

Description

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

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

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

Relationship

Specialization: template 2.16.840.1.113883.10.12.106 (2005-09-07)

Example

Example

```

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

```

Example

Example

```

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

```

```

    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7608888888888888"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
</assignedEntity>
</legalAuthenticator>

```

Item	DT	Card	Conf	Description	Label
h17:legalAuthenticator		0 ... 1		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
L h17:templateId	II	1 ... 1	M		CDA-CH V2
L @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.5	

 hl7:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
 hl7:signatureCode	CS	1 ... 1	R		CDA-CH V2
 @code	cs	1 ... 1	F	S	
 @codeSystem	oid	0	NP	NP/not present	
 @codeSystemName	st	0	NP	NP/not present	
 @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)			
 hl7: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

7.3.2.16 Authenticator

Id	2.16.756.5.30.1.1.10.2.6
Status	 Active
Name	cdach_header_Authenticator

Effective Date	2018-04-18
Version Label	2017
Display Name	Authenticator

Description

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.6			
Label	CDA-CH V2			
Classification	CDA Header Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 4 templates, Uses 1 template			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.12	Containment	 Assigned Entity Compilation with id (2017)	DYNAMIC	
Relationship	Specialization: template 2.16.840.1.113883.10.12.107 (2005-09-07)			
Example	Example			
	<pre><authenticator> <templateId root="2.16.756.5.30.1.1.10.2.6"/> <time value="20071205"/> <signatureCode code="S"/> <assignedEntity> <id root="2.51.1.3" extension="7604444444444444"/> <assignedPerson> <name></pre>			

```

    <prefix>Dr. med.</prefix>
    <given>Freddy</given>
    <family>Fango</family>
    <suffix>Ärztlicher Leiter</suffix>
  </name>
</assignedPerson>
</assignedEntity>
</authenticator>

```

Item	DT	Card	Conf	Description	Label
h17:authenticator		0 ... *		Information about an authenticator of a CDA document. An authenticator MUST be a person.	CDA-CH V2
L h17:templateId	II	1 ... 1	M		CDA-CH V2
L @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.6	
L h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
L h17:signatureCode	CS	1 ... 1	R		CDA-CH V2
L @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)			
└ hl7: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

7.3.2.17 Employer - participant

Id	2.16.756.5.30.1.1.10.2.40	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_header_Employer	Display Name	Employer - participant

Description

Information on the patient's employer, school or other affiliated (e.g., volunteer) organization. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.40
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses	Used by 0 transactions and 4 templates, Uses 2 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Relationship	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.27	Containment	 Organization Compilation with name, addr, telecom (2017)	DYNAMIC
Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)				
Example	Example			
	<pre> <participant typeCode="IND"> <templateId root="2.16.756.5.30.1.1.10.2.40"/> <templateId root="2.16.756.5.30.1.1.10.2.41"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.2"/> <time> <low nullFlavor="UNK"/> <high nullFlavor="UNK"/> </time> <associatedEntity classCode="CON"> <id root="2.999" extension="empnr"/> <code code="EMPLOYER" codeSystem="1.3.5.1.4.1.19376.1.5.3.3" codeSystemName="IHERoleCode"/> <associatedPerson> <name nullFlavor="UNK"/> </associatedPerson> <scopingOrganization> <name>Soutien de famille Sarl</name> <telecom nullFlavor="UNK"/> <addr use="WP"> <streetAddressLine>bureau de la paie</streetAddressLine> <streetAddressLine>case postale</streetAddressLine> <postalCode>1000</postalCode> <city>Lausanne</city> <country>CH</country> </addr> </scopingOrganization> </associatedEntity> </participant> </pre>			

```

    </scopingOrganization>
  </associatedEntity>
</participant>

```

Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *		Information on the patient's employer, school or other affiliated (e.g., volunteer) or- ganization.	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	

 <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of contract.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	CON	
 <code>h17:id</code>	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:code</code>	CE	1 ... 1	R		CDA-CH V2

└ @code	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)			
└ hl7:associatedPerson		0 ... 1		Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
└ hl7:scopingOrganization		1 ... 1		The employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC)	CDA-CH V2

7.3.2.18 Insurance - participant

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

Open/Closed

Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 4 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.26	Containment	 Organization Compilation with GLN, name, addr and telecom (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)

Example

Example

```

<participant typeCode="COV">
  <templateId root="2.16.756.5.30.1.1.10.2.15"/>
  <time>
    <low value="20170910"/>
    <high nullFlavor="NASK"/>
  </time>
  <associatedEntity classCode="PAYOR">
    <id root="2.999" extension="23.253-m"/>
    <code code="832.10" codeSystem="2.16.756.5.30.2.1.1.11" codeSystemName="ins-laws" displayName="Federal Act on Health Insurance (HIA)"/>
    <scopingOrganization>
      <id root="2.51.1.3" extension="760777777777"/>
      <name>Nous Paierons Tous assurances</name>
      <telecom nullFlavor="NASK"/>
      <addr use="WP">
        <streetName>rue payant</streetName>
        <houseNumber>89</houseNumber>
        <postalCode>8888</postalCode>
        <city>Guérison-ville</city>
        <country>CH</country>
      </addr>
    </scopingOrganization>
  </associatedEntity>
</participant>

```

```

    </scopingOrganization>
  </associatedEntity>
</participant>

```

Item	DT	Card	Conf	Description	Label
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

 hl7:associatedEntity		1 ... 1	R		CDA-CH V2
 @classCode	CS	1 ... 1	F	PAYOR	
 hl7:id	II	1 ... 1	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
 @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 hl7:code	CE	1 ... 1	R	The underlying law for the contract.	CDA-CH V2
 @nullFlavor	CS	0 ... 1	F	NAV	
 @code	CS	0 ... 1		832.10, 832.20, 221.229.1, 833.1, 831.20	
 @codeSystem	oid	0 ... 1	F	2.16.756.5.30.2.1.1.11	
 @codeSystemName	st	0 ... 1	F	ins-laws	
 @displayName	st	0 ... 1		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MIIA), Federal Act on Invalidity Insurance (InvIA)	
Schematron assert		role		error	

			test	(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
			Message	Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
 hl7:associatedPerson		0 ... 1		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 hl7:scopingOrganization		1 ... 1		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 <i>Organization Compilation with GLN, name, addr and telecom</i> (DYNAMIC)	CDA-CH V2

7.3.2.19 Insurance Card - participant

Id	2.16.756.5.30.1.1.10.2.14	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_header_InsuranceCard	Display Name	Insurance Card - participant
Description	Information on a patient's insurance card. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.14		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 2 templates		

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)

Example

Example

```

<participant typeCode="HLD">
  <templateId root="2.16.756.5.30.1.1.10.2.14"/>
  <time>
    <low nullFlavor="NASK"/>
    <!-- Expiration date of the insurance card. -->
    <high value="20171231"/>
  </time>
  <associatedEntity classCode="POLHOLD">
    <!-- Number of the insurance card. -->
    <id root="2.16.756.5.30.1.123.100.1.1.1" extension="80756123450123456789"/>
    <associatedPerson>
      <!-- Family and given name on the insurance card. -->
      <name>
        <given>Specimen</given>
        <family>Franz</family>
      </name>
    </associatedPerson>
    <scopingOrganization>
      <!-- Name of the issuing insurance. -->
      <name>WirZahlenAlles Versicherungen</name>
    </scopingOrganization>
  </associatedEntity>
</participant>

```

Item	DT	Card	Conf	Description	Label
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

 hl7:associatedEntity		1 ... 1	R		CDA-CH V2
 @classCode	CS	1 ... 1	F	POLHOLD	
 hl7:id	II	1 ... 1	R	The insurance card's id.	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.123.100.1.1.1	
 @extension	st	1 ... 1	R	Number of the insurance card.	
 hl7:associatedPerson		0 ... 1		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 hl7:scopingOrganization		0 ... 1		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2

7.3.2.20 Patient Contact - participant

Id	2.16.756.5.30.1.1.10.2.43
Status	 Active
Name	cdach_header_PatientContact

Effective Date	2018-04-18
Version Label	2017
Display Name	Patient Contact - participant

Description	Information on a patient contact. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.43			
Label	CDA-CH V2			
Classification	CDA Header Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 4 templates, Uses 3 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	DYNAMIC
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.2.4 (2017-03-21 14:48:53) Specialization: template 2.16.840.1.113883.10.12.108 (2005-09-07)			
Example	Daughter			
	<pre><participant typeCode="IND"> <templateId root="2.16.756.5.30.1.1.10.2.43"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/> <associatedEntity classCode="PRS"> <code code="DAUC" codeSystem="2.16.840.1.113883.5.111" codeSystemName="HL7RoleCode" displayName="daughter"/> <addr use="HP"> <postalCode>6780</postalCode> <city>Airolo</city> <country>CH</country> </addr> </associatedEntity> </participant></pre>			

```

<telecom use="HP" value="tel:+41.32.999.99.99"/>
<associatedPerson>
  <name>
    <family>FILLE</family>
    <given>Josephine</given>
  </name>
</associatedPerson>
</associatedEntity>
</participant>

```

Caregiver

```

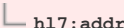
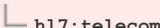
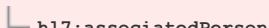
<participant typeCode="IND">
  <templateId root="2.16.756.5.30.1.1.10.2.43"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.2.4"/>
  <associatedEntity classCode="CAREGIVER">
    <id root="2.51.1.3" extension="7608888888888888"/>
    <code code="HPOWATT" codeSystem="2.16.840.1.113883.5.111" codeSystemName="HL7RoleCode"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

```

Example

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

 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of participation.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R	Either the contact person or the contact's organization SHALL be present.	CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	R	The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
 <code>h17:code</code>	CE	1 ... 1	R	The contact's role.	CDA-CH V2
 <code>@nullFlavor</code>	CS	0 ... 1			
 <code>@code</code>	CS	0 ... 1			
 <code>@codeSystem</code>	oid	0 ... 1	F	2.16.840.1.113883.5.111	
 <code>@codeSystemName</code>	st	0 ... 1	F	HL7RoleCode	
 <code>@displayName</code>	st	0 ... 1			
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.		
	AD	0 ... *		The contact's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
	TEL	0 ... *		The contact's means of communication (phone, eMail, ...).	CDA-CH V2
		0 ... 1	C	The contact person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
		0 ... 1	C	The contact's organization. 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.		

7.3.2.21 Order Reference - inFulfillmentOf

Id	2.16.756.5.30.1.1.10.2.16
Status	 Active
Name	cdach_header_OrderReference

Effective Date	2018-04-18
Version Label	2017
Display Name	Order Reference - inFulfillmentOf

Description

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

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

Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
Relationship	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	Specialization: template 2.16.840.1.113883.10.12.109 (2005-09-07)			
Example	Order reference on a CDA-CH V2 (2017) document			
	<pre> <inFulfillmentOf> <templateId root="2.16.756.5.30.1.1.10.2.16"/> <order> <id root="9F44AE66-D70B-46DA-89AD-82A51C7A11C6"/> </order> </inFulfillmentOf> </pre>			

Example

Order reference to an order created by an ERP system

```

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

```

Item	DT	Card	Conf	Description	Label
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.	

L @extension

st 0 ... 1

Contains the order ID itself. The ID MUST be unique within the system that issued the ID.

7.3.2.22 Health Service - documentationOf

Id	2.16.756.5.30.1.1.10.2.46	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_header_HealthService	Display Name	Health Service - documentationOf
Description	Information about a health service describing the context of this CDA document. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.46		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 1 template		
	Used by	as	Name
	2.16.756.5.30.1.1.10.9.36	Include	● CDA-CH v2.0 Header Template Compilation (2017)
	2.16.756.5.30.1.1.10.1.12	●	● CDA-CH v2.0 - nonXMLBody (2017)
	2.16.756.5.30.1.1.10.1.14	●	● CDA-CH v2.0 - structuredBody enhanced (2018)
	2.16.756.5.30.1.1.10.1.9	●	● CDA-CH v2.0 - structuredBody (2017)
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.31	Include	● Performer (2017)
Relationship	Specialization: template 2.16.840.1.113883.10.12.110 (2005-09-07)		

Example

Case identification and duration

```

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

```

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

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

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

└ 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. 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	<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>				
Schematron assert	role	error			

Included			test	not(@code='133932002') or (hl7:originalText/text())	
			Message	Other Caregivers description MUST be declared in the originalText element.	
		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured 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,'#')		
	Schematron assert	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::hl7:structuredBody/*[@ID=\$idvalue]		
	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"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::hl7:structuredBody/*[@ID=\$idvalue]/text()		
	Schematron assert	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

7.3.2.23 Document Replacement - relatedDocument

Id	2.16.756.5.30.1.1.10.2.13	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_header_DocumentReplacement	Display Name	Document Replacement - relatedDocument
Description	Relationship to another CDA-CH V2 based document that is replaced by the current one. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.13		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 4 templates, Uses 0 templates		
	Used by	as	Name
	2.16.756.5.30.1.1.10.9.36	Include 	CDA-CH v2.0 Header Template Compilation (2017)
	2.16.756.5.30.1.1.10.1.12	 	CDA-CH v2.0 - nonXMLBody (2017)
	2.16.756.5.30.1.1.10.1.14	 	CDA-CH v2.0 - structuredBody enhanced (2018)
	2.16.756.5.30.1.1.10.1.9	 	CDA-CH v2.0 - structuredBody (2017)
Relationship	Specialization: template 2.16.840.1.113883.10.12.111 (2005-09-07)		
Example	Example		
	<pre> <relatedDocument typeCode="RPLC"> <templateId root="2.16.756.5.30.1.1.10.2.13"/> <parentDocument> <id root="30E19F60-3DB9-48B8-9BFD-FF04C342D0B1"/> <setId root="452A118A-06AB-47D2-A29B-709F7F2EC6FE"/> <versionNumber value="5"/> </parentDocument> </relatedDocument> </pre>		

Item	DT	Card	Conf	Description	Label
h17:relatedDocument		0 ... *		Relationship to another CDA-CH V2 based document that is replaced by the current one. Notes: For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid: ▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	CDA-CH V2
└ @typeCode	CS	1 ... 1	F	RPLC Indicates that it is a relationship to another document that needs to be replaced.	
└ 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

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

7.3.2.24 CDA Authorization

Ce modèle n'est pas spécifié plus en détail par CDA-CH. Par souci d'exhaustivité, c'est le modèle original d'ART-DECOR qui est reproduit ici.

Id	2.16.840.1.113883.10.12.114 ref ad1bbr-	Effective Date	2005-09-07
Status	 Active	Version Label	
Name	CDAauthorization	Display Name	CDA Authorization
Description	Template CDA Authorization (prototype, directly derived from POCD_RM000040 MIF)		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 14 templates, Uses 0 templates		
	Used by	as	Name
	2.16.756.5.30.1.1.10.9.36	Include 	CDA-CH v2.0 Header Template Compilation (2017)
	2.16.756.5.30.1.1.10.1.9	 	CDA-CH v2.0 - structuredBody (2017)
	2.16.756.5.30.1.1.10.9.41	Include 	Header Template Compilation Medication Dispense document (2017)
	2.16.756.5.30.1.1.10.1.5	 	Medication Dispense document (2017)
	2.16.756.5.30.1.1.10.9.42	Include 	Header Template Compilation Medication Card document (2017)
	2.16.756.5.30.1.1.10.1.3	 	Medication Card document (2017)
	2.16.756.5.30.1.1.10.9.43	Include 	Header Template Compilation Pharmaceutical Advice document (2017)
	2.16.756.5.30.1.1.10.1.6	 	Pharmaceutical Advice document (2017)
	2.16.756.5.30.1.1.10.9.44	Include 	Header Template Compilation MedicationTreatmentPlan (2017)
	2.16.756.5.30.1.1.10.1.7	 	Medication Treatment Plan document (2017)
	2.16.756.5.30.1.1.10.9.45	Include 	Header Template Compilation Medication Prescription document (2017)
	2.16.756.5.30.1.1.10.1.4	 	Medication Prescription document (2017)
	2.16.756.5.30.1.1.10.9.46	Include 	Header Template Compilation Medication List document (2017)

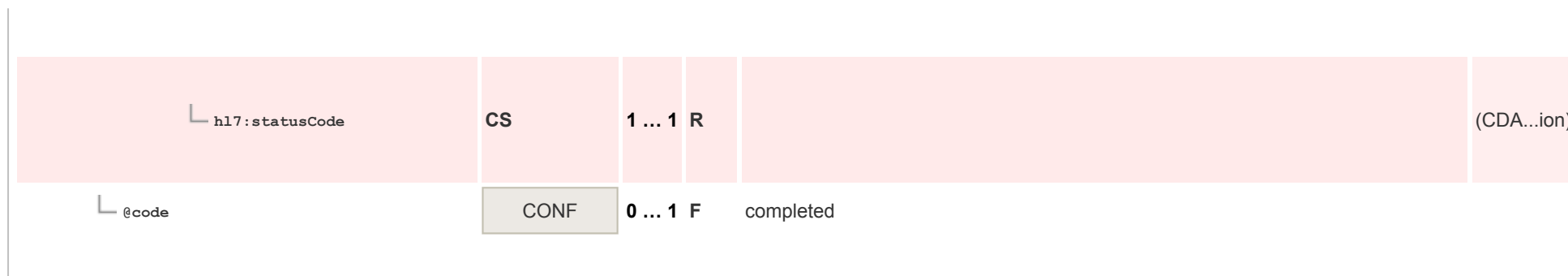
2.16.756.5.30.1.1.10.1.13



Medication List document (2017)

2018-01-22 15:17:26

Item	DT	Card	Conf	Description	Label
h17:authorization		0 ... *			(CDA...ion)
└ @typeCode		0 ... 1	F	AUTH	
└ h17:consent		1 ... 1			(CDA...ion)
└ @classCode		0 ... 1	F	CONS	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II	0 ... *			(CDA...ion)
└ h17:code	CE	0 ... 1			(CDA...ion)
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.4 (Act Code)	



7.3.2.25 CDA componentOf

Ce modèle n'est pas spécifié plus en détail par CDA-CH. Par souci d'exhaustivité, c'est le modèle original d'ART-DECOR qui est reproduit ici.

Id	2.16.840.1.113883.10.12.113  ad1bbr-	Effective Date	2005-09-07
Status	 Active	Version Label	
Name	CDAcomponentOf	Display Name	CDA componentOf
Description	Template CDA componentOf (prototype, directly derived from POCD_RM000040 MIF)		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Used by / Uses	Used by 0 transactions and 14 templates, Uses 3 templates		
	Used by	as	Name
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)
	2.16.756.5.30.1.1.10.9.41	Include	 Header Template Compilation Medication Dispense document (2017)
	2.16.756.5.30.1.1.10.1.5		 Medication Dispense document (2017)

2.16.756.5.30.1.1.10.9.42	Include	 Header Template Compilation Medication Card document (2017)	2018-01-08 16:20:12
2.16.756.5.30.1.1.10.1.3		 Medication Card document (2017)	2016-05-13
2.16.756.5.30.1.1.10.9.43	Include	 Header Template Compilation Pharmaceutical Advice document (2017)	2018-01-08 16:23:16
2.16.756.5.30.1.1.10.1.6		 Pharmaceutical Advice document (2017)	2016-05-21
2.16.756.5.30.1.1.10.9.44	Include	 Header Template Compilation MedicationTreatmentPlan (2017)	2018-01-08 16:26:11
2.16.756.5.30.1.1.10.1.7		 Medication Treatment Plan document (2017)	2017-04-12 13:57:31
2.16.756.5.30.1.1.10.9.45	Include	 Header Template Compilation Medication Prescription document (2017)	2018-01-08 16:28:39
2.16.756.5.30.1.1.10.1.4		 Medication Prescription document (2017)	2016-05-21
2.16.756.5.30.1.1.10.9.46	Include	 Header Template Compilation Medication List document (2017)	2018-01-22 15:29:29
2.16.756.5.30.1.1.10.1.13		 Medication List document (2017)	2018-01-22 15:17:26

Uses	as	Name	Version
2.16.840.1.113883.10.12.153	Containment	 CDA AssignedEntity	DYNAMIC
2.16.840.1.113883.10.12.317	Containment	 CDA Place	DYNAMIC
2.16.840.1.113883.10.12.151	Containment	 CDA Organization	DYNAMIC

Item	DT	Card	Conf	Description	Label
h17:componentOf		0 ... 1			(CDA...tOf)

└ @typeCode		0 ... 1	F	COMP	
└ hl7:encompassingEncounter		1 ... 1			(CDA...tOf)
└ @classCode		0 ... 1	F	ENC	
└ @moodCode		0 ... 1	F	EVN	
└ hl7:id	II	0 ... *			(CDA...tOf)
└ hl7:code	CE	0 ... 1			(CDA...tOf)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 <i>ActEncounterCode</i> (DYNAMIC)			
└ hl7:effectiveTime	IVL_TS	1 ... 1	R		(CDA...tOf)
└ hl7:dischargeDispositionCode	CE	0 ... 1			(CDA...tOf)
	CONF	shall be drawn from concept domain "EncounterDischargeDisposition"			

└ h17:responsibleParty		0 ... 1		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	(CDA...tOf)
└ @typeCode		0 ... 1	F	RESP	
└ h17:encounterParticipant		0 ... *			(CDA...tOf)
└ @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			(CDA...tOf)
└ h17:assignedEntity		1 ... 1		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	(CDA...tOf)
└ h17:location		0 ... 1			(CDA...tOf)
└ @typeCode		0 ... 1	F	LOC	

└ h17:healthCareFacility		1 ... 1			(CDA...tOf)
└ @classCode		0 ... 1	F	SDLOC	
└ h17:id	II	0 ... *			(CDA...tOf)
└ h17:code	CE	0 ... 1			(CDA...tOf)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocation-RoleType</i> (DYNAMIC)			
└ h17:location		0 ... 1		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)	(CDA...tOf)
└ h17:serviceProviderOrganization		0 ... 1		Contains 2.16.840.1.113883.10.12.151 <i>CDA Organization</i> (DYNAMIC)	(CDA...tOf)

7.3.3 CDA Section Level Templates

CDA-CH v2.0 émet, d'après les "2.4.3 Limites" , des prescriptions normatives par rapport à l'en-tête CDA mais pas par rapport au corps CDA. C'est la raison pour laquelle aucun CDA Section Level Template n'est reproduit ici.

7.3.4 CDA Entry Level Templates

CDA-CH v2.0 émet, d'après les "2.4.3 Limites", des prescriptions normatives par rapport à l'en-tête CDA mais pas par rapport au corps CDA. C'est la raison pour laquelle aucun CDA Entry Level Template n'est reproduit ici. La réexploitation d'informations communément utilisables dans le corps CDA est cependant vivement recommandée, c'est pourquoi un certain nombre de modèles pour saisies CDA réutilisables figurent dans [ART-DECOR](#). Ces modèles peuvent être référencés ou spécialisés dans des formats d'échange. Au moment de rédiger le présent document concernant CDA-CH v2.0, les CDA Entry Level Templates suivants sont disponibles (d'autres pourront venir s'y ajouter par la suite) :

1. [Inability To Work Observation](#)
2. [Vital Signs Organizer](#)

Dans tous les cas, il incombe aux formats d'échange découlant de CDA-CH v2.0 de spécifier le contenu des saisies CDA.

7.3.5 Other CDA Templates

Les CDA Header Level Templates ci-après sont présentés par ordre alphabétique.

7.3.5.1 Address Information Compilation - eCH-0010

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

Description

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

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

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

Used by / Uses

Used by 0 transactions and 33 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Containment	 Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.3	Containment	 Custodian (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.4	Containment	 Recipient - informationRecipient (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.43	Containment	 Patient Contact - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Containment	 Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5		 Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6		 Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7		 Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment	 Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.2		 Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		 Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	 Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7		 Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		 Inability To Work Observation (2017)	2017-09-14 17:25:19
2.16.756.5.30.1.1.10.9.23	Containment	 Author (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.14		 Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48		 Author Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.26	Containment	 Organization Compilation with GLN, name, addr and telecom (2017)	2018-04-18

	2.16.756.5.30.1.1.10.2.15		 Insurance - participant (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.50		 Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.27		 Organization Compilation with name, addr, telecom (2017)	2018-04-18
	2.16.756.5.30.1.1.10.2.40		 Employer - participant (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.30		 Organization Compilation with GLN and name (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.51		 Assigned Entity Compilation with GLN and name (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.32		 Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.31		 Performer (2017)	2018-04-18
	2.16.756.5.30.1.1.10.2.46		 Health Service - documentationOf (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.33		 Organization Compilation with id, name, addr and telecom (2017)	2018-04-18

Example	Swiss postal address			
	<pre> <streetAddressLine>c/o Muster Hans</streetAddressLine> <streetAddressLine>Chalet Edelweiss</streetAddressLine> <streetName>Specimengasse</streetName> <houseNumber>99</houseNumber> <additionalLocator>3. OG Ost</additionalLocator> <city>Musterhausen</city> <postalCode>9999</postalCode> <country>CH</country> </pre>			
Example	Foreign postal address			
	<pre> <streetName>Wishard Blvd</streetName> <houseNumber>1050</houseNumber> <additionalLocator>RG 5th floor</additionalLocator> <state>IN</state> <city>Indianapolis</city> </pre>			

```
<postalCode>46240</postalCode>
<country>US</country>
```

Item	DT	Card	Conf	Description	Label
hl7:streetAddressLine	ADXP	0 ... 1		Free additional lines for additional address information which can not be used in the other address fields (e.g. for c/o entries, etc.), with a maximum length of 150 characters. addressLine1 should be used for personalized addressing (e.g., c/o-Address).	eCH-0010 V7.0 addressInformation
	Schematron assert	role	 error		
		see		eCH-0010 V7.0, section 5.12	
		test		string-length(text()) < 151	
		Message		eCH-0010 restricts the content length to max. 150 characters	
hl7:streetAddressLine	ADXP	0 ... 1		Free additional lines for additional address information which can not be used in the other address fields (e.g. for c/o entries, etc.), with a maximum length of 150 characters. addressLine2 should be used for non-personalized address details (e.g., additional location information, e.g. "Chalet Edelweiss").	eCH-0010 V7.0 addressInformation
	Schematron assert	role	 error		
		see		eCH-0010 V7.0, section 5.12	
		test		string-length(text()) < 151	
		Message		eCH-0010 restricts the content length to max. 150 characters	
hl7:streetName	ADXP	0 ... 1	C	Street names in postal addresses. It can also be the name of a locality, a hamlet, etc. With a maximum length of 150 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	 error		
		see		eCH-0010 V7.0, section 5.13	
		test		string-length(text()) < 151	

		Message	eCH-0010 restricts the content length to max. 150 characters		
hl7:houseNumber	ADXP	0 ... 1		House number in postal addresses (including house number additives). With a maximum length of 30 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	 error		
		see	eCH-0010 V7.0, section 5.14		
		test	string-length(text()) < 31		
		Message	eCH-0010 restricts the content length to max. 30 characters		
hl7:additionalLocator	ADXP	0 ... 1		Number of addressed apartment. This is occasionally necessary for larger buildings. With a maximum length of 30 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	 error		
		see	eCH-0010 V7.0, section 5.15		
		test	string-length(text()) < 31		
		Message	eCH-0010 restricts the content length to max. 30 characters		
hl7:postBox	ADXP	0 ... 1	C	Number of the addressed post box in a maximum length of 8 characters.	eCH-0010 V7.0 addressInformation
	Schematron assert	role	 error		
		see	eCH-0010 V7.0, section 5.16		
		test	string-length(text()) < 9		
		Message	eCH-0010 restricts the content length to max. 8 characters		

hl7:state	ADXP	0 ... 1		Occasionally, additional geographic information must be provided in foreign addresses, in addition to city and country. This element can be used for such cases. It contains superordinate or subordinate information on a city, such as region, province, state or local district. Since it is difficult - especially with foreign addresses - to determine whether an indication is subordinate or subordinate, a separate mapping of superordinate and subordinate indication is omitted.	eCH-0010 V7.0 addressInformation
hl7:city	ADXP	1 ... 1	R	Addressed city (in foreign addresses if necessary including province, etc.). When using the information according to the Swiss Post, the 27-digit city name must be used.	eCH-0010 V7.0 addressInformation
hl7:postalCode	ADXP	1 ... 1	R	Postal code given by Swiss Post or postal code issued by a post office abroad, that can consist of numbers, letters or a combination of both, possibly even special characters.	eCH-0010 V7.0 addressInformation
hl7:country	ADXP	1 ... 1	R	Two-digit, alphanumeric ISO country code according to [ISO 3166-1] of the country in which the address is located. The country defines the conventions for addressing. The country code MUST also be declared for Swiss postal addresses. Caution: Political changes or renaming of countries will result in adjustments to the ISO country list. The length of the feature is 2 characters.	eCH-0010 V7.0 addressInformation
Schematron assert		role	 error	eCH-0010 restricts the content length to max. 2 characters	
		see	eCH-0010 V7.0, section 5.24.2		
		test	string-length(text()) < 3		
		Message	eCH-0010 restricts the content length to max. 2 characters		
Schematron assert		role	 error	not(hl7:state) or not(upper-case(hl7:country/text()='CH') or (upper-case(hl7:state/text()='AG', 'AI', 'AR', 'BE', 'BL', 'BS', 'FL', 'FR', 'GE', 'GL',	
		see	eCH-0007		
		test	not(hl7:state) or not(upper-case(hl7:country/text()='CH') or (upper-case(hl7:state/text()='AG', 'AI', 'AR', 'BE', 'BL', 'BS', 'FL', 'FR', 'GE', 'GL',		

		'GR', 'JU', 'LU', 'NE', 'NW', 'OW', 'SG', 'SH', 'SO', 'SZ', 'TG', 'TI', 'UR', 'VD', 'VS', 'ZG', 'ZH'))
	Message	eCH-0007 cantonFIAbbreviationType restricts valid state values for Switzerland

7.3.5.2 Assigned Entity Compilation with GLN and name

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

Description

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

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

Used by 0 transactions and 0 templates, Uses 4 templates

Used by / Uses	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC

2.16.756.5.30.1.1.10.9.30 Containment  Organization Compilation with GLN and name (2017)

DYNAMIC

Relationship

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

Example**Example**

```

<id root="2.51.1.3" extension="7608888888888888"/>
<id root="2.999" extension="p98457u-"/>
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<addr use="WP">
  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>

```

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... 1	R	The assigned entity's GLN (including the assigned person's GLN).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The GLN itself.	
h17:id	II	0 ... *	R	Other assigned entity's id (including the assigned person's id).	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
h17:code	CE	0 ... 1		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	1 ... 1	F	SNOMED CT	
└ @displayName	st	1 ... 1	R		
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)	

Included	Example	<pre><functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/></pre>				
	Example	<pre><functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode></pre>				
	Example	<pre><functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode></pre>				
	Schematron assert	role		error		
		test	not(@code='133932002') or (originalText/text())			
		Message	Other Caregivers description MUST be declared in the originalText element.			
					from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC)	
		0 ... 1	C	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']
	 @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			

	Schematron assert	Value	substring-after(@value,'#')		
		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.		
L hl7:translation		0 ... *		A translation of the code to another coding system.	CDA-CH V2
L @code	cs	1 ... 1	R		
L @codeSystem	oid	1 ... 1	R		
L @codeSystemName	st	1 ... 1	R		
L @displayName	st	1 ... 1	R		
hl7:addr	AD	0 ... *		The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2
hl7:telecom	TEL	0 ... *		The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2

h17:assignedPerson		0 ... 1	The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
h17:representedOrganization		0 ... 1	The assigned organization. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	CDA-CH V2

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

Id	2.16.756.5.30.1.1.10.9.50	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_AssignedEntityCompilationGlnNameAddrTelecomPersonOrganization	Display Name	Assigned Entity Compilation with GLN, name, addr, telecom, person and organization

Description

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

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Used by / Uses	Used by 0 transactions and 0 templates, Uses 4 templates


```

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

```

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... 1	R	The assigned entity's GLN (including the assigned person's GLN).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The GLN itself.	
h17:id	II	0 ... *	R	Other assigned entity's id (including the assigned person's id).	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
h17:code	CE	0 ... 1		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @code	cs	1 ... 1	R		

└ @codeSystem └ @codeSystemName └ @displayName	oid	1 ... 1	F	2.16.840.1.113883.6.96	
	st	1 ... 1	F	SNOMED CT	
	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	<pre><functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/></pre>			
	Example	<pre><functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode></pre>			
	Example	<pre><functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode></pre>			
	Schematron assert	role		error	
		test	not(@code='133932002') or (originalText/text())		
		Message	Other Caregivers description MUST be declared in the originalText element.		
			from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC)		
Included		0 ... 1	C	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.		
hl7:translation		0 ... *		A translation of the code to another coding system.	CDA-CH V2
@code	cs	1 ... 1	R		
@codeSystem	oid	1 ... 1	R		
@codeSystemName	st	1 ... 1	R		
@displayName	st	1 ... 1	R		

hl7:addr	AD	1 ... *	R	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
hl7:telecom	TEL	1 ... *	R	The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:assignedPerson		1 ... 1	R	The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
hl7:representedOrganization		1 ... 1	R	The assigned organization. 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

7.3.5.4 Assigned Entity Compilation with id

Id	2.16.756.5.30.1.1.10.9.12	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_AssignedEntityCompilationId	Display Name	Assigned Entity Compilation with id

Description

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

Context	Pathname
----------------	----------

Label	CDA-CH V2			
Classification	Template type not specified			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 7 templates, Uses 4 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.2.5	Containment	 Legal Authenticator (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.2.6	Containment	 Authenticator (2017)	2018-04-18
	2.16.756.5.30.1.1.10.2.7	Containment	 Data Enterer (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.153 (2005-09-07)			
Example	Example			
	<pre><id root="2.999" extension="p98457u-"/> <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/> <addr use="WP"> <streetName>Doktorgasse</streetName> <houseNumber>2</houseNumber> <city>Musterhausen</city> <postalCode>8888</postalCode> <country>CH</country></pre>			

```

</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>

```

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... *	R	The assigned entity's id (including the assigned person's id).	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:code	CE	0 ... 1		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	1 ... 1	F	SNOMED CT	
└ @displayName	st	1 ... 1	R		
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)	
	Example			<pre><functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/></pre>	
	Example			<pre><functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode></pre>	
	Example			<pre><functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode></pre>	
	Schematron assert			role  error test not(@code='133932002') or (originalText/text()) Message Other Caregivers description MUST be declared in the originalText element.	
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	

 <code>hl7:originalText</code>	ED	0 ... 1	C		CDA-CH V2
 <code>hl7:reference</code>	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
 <code>@value</code>		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.		
 <code>hl7:translation</code>		0 ... *		A translation of the code to another coding system.	CDA-CH V2
 <code>@code</code>	CS	1 ... 1	R		

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

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

Id	2.16.756.5.30.1.1.10.9.32	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_AssignedEntityCompilationIdNameAddrTelecomPersonOrganization	Display Name	Assigned Entity Compilation with id, name, addr, telecom, person and organization

Description

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

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

Used by 0 transactions and 6 templates, Uses 4 templates

Used by / Uses	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.31	Containment	 Performer (2017)	2018-04-18
	2.16.756.5.30.1.1.10.2.46		 Health Service - documentationOf (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.33	Containment	 Organization Compilation with id, name, addr and telecom (2017)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.12 (2017-09-12 20:14:25)
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Example

Example

```

<id root="2.999" extension="p98457u-"/>
<functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
<addr use="WP">
  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>

```

Item	DT	Card	Conf	Description	Label
hl7:id	II	1 ... *	R	The assigned entity's id (including the assigned person's id).	CDA-CH V2

└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
h17:code	CE	0 ... 1		If declared, the code MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	1 ... 1	F	SNOMED CT	
└ @displayName	st	1 ... 1	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)			
Example	<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>				
Schematron assert	role		error		
	test	not(@code='133932002') or (originalText/text())			
	Message	Other Caregivers description MUST be declared in the originalText element.			

Included

0 ... 1 C

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

 <code>hl7:originalText</code>	ED	0 ... 1	C		CDA-CH V2
 <code>hl7:reference</code>	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.

 <code>h17:translation</code>		0 ... *		A translation of the code to another coding system.	CDA-CH V2
 <code>@code</code>	CS	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	R		
 <code>@codeSystemName</code>	st	1 ... 1	R		
 <code>@displayName</code>	st	1 ... 1	R		
<code>h17:addr</code>	AD	1 ... *	R	The assigned entity's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
<code>h17:telecom</code>	TEL	1 ... *	R	The assigned entity's means of communication (phone, eMail, ...).	CDA-CH V2
<code>h17:assignedPerson</code>		1 ... 1	R	The assigned person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
<code>h17:representedOrganization</code>		1 ... 1	R	The assigned organization. Contains 2.16.756.5.30.1.1.10.9.33 <i>Organization Compilation with id, name, addr and telecom</i> (DYNAMIC)	CDA-CH V2

7.3.5.6 Author

Id	2.16.756.5.30.1.1.10.9.23	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_Author	Display Name	Author

Description

Information about the author of a CDA document, section or entry. An author MAY be a person or a device. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template at least in the CDA Header by either reference or specialisation.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.9.23
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses	Used by 0 transactions and 4 templates, Uses 4 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.36	Include	 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.21	Containment	 Device Compilation with name (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.102 (2005-09-07)			

Example

Sample author

```

<author>
  <templateId root="2.16.756.5.30.1.1.10.9.23"/>
  <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
  <time value="20170905"/>
  <assignedAuthor>
    <id root="2.51.1.3" extension="7608888888888888"/>
    <assignedPerson>
      <name>
        <prefix>Dr. med.</prefix>
        <given>Allzeit</given>
        <family>Bereit</family>
      </name>
    </assignedPerson>
    <representedOrganization>
      <id root="2.51.1.3" extension="7609999999999999"/>
      <name>Gruppenpraxis CH</name>
      <telecom value="tel:+41.32.234.55.66" use="WP"/>
      <telecom value="fax:+41.32.234.55.67" use="WP"/>
      <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
      <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
      <addr use="WP">
        <streetName>Doktorgasse</streetName>
        <houseNumber>2</houseNumber>
        <city>Musterhausen</city>
        <postalCode>8888</postalCode>
        <country>CH</country>
      </addr>
    </representedOrganization>
  </assignedAuthor>
</author>

```

Item	DT	Card	Conf	Description	Label
hl7:author		1 ... *	R	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2

└─ 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. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, nullFlavor='NAV' MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	CDA-CH V2
└─ @nullFlavor	st	0 ... 1	F	NAV	
└─ @code	CS	0 ... 1			
└─ @codeSystem	oid	0 ... 1	F	2.16.840.1.113883.6.96	
└─ @codeSystemName	st	0 ... 1	F	SNOMED CT	
└─ @displayName	st	0 ... 1			
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)			
Example	Patient <functionCode code="116154003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Patient"/>				
Example	Nurse <functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	Home helper				

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

<code>L hl7:assignedAuthor</code>		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.	
<code>L hl7:id</code>	II	1 ... 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.	CDA-CH V2
<code>L @nullFlavor</code>	CS	0 ... 1	F	NAV	
				Temporarily unknown, will be filled later.	
<code>L @root</code>	CS	0 ... 1	F	2.51.1.3	
				OID for GS1 GLN.	
<code>L @extension</code>	st	0 ... 1		The GS1 GLN.	
	Schematron assert	role	 error		
		test		(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')	
		Message		Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	
<code>L hl7:id</code>	II	0 ... *		Other ids are allowed.	CDA-CH V2
<code>L @root</code>	CS	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
<code>L @extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

 hl7:addr	AD	0 ... *		The author's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 hl7:telecom	TEL	0 ... *		The author's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		1 ... 1	Elements to choose from: - hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) - hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)		
 hl7:assignedPerson		0 ... 1		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 hl7:assignedAuthoringDevice		0 ... 1		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2
 hl7:representedOrganization		0 ... 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2

7.3.5.7 CDA-CH v2.0 Header Template Compilation

Id 2.16.756.5.30.1.1.10.9.36

Effective Date 2018-04-18

Status	 Active	Version Label	2017
Name	cdach_other_HeaderTemplateCompilation	Display Name	CDA-CH v2.0 Header Template Compilation

Description

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

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

Used by 0 transactions and 3 templates, Uses 22 templates

Used by / Uses	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.1.12	Include	 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14	Include	 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9	Include	 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.2.23	Include	 Document Id (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.2.44	Include	 Document Code (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
2.16.756.5.30.1.1.10.2.43	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

Example

Example

```

<!-- include template cdach_header_DocumentId[2.16.756.5.30.1.1.10.2.23] '?' (dynamic) 1..1 M -->
<!-- include template cdach_header_DocumentCode[2.16.756.5.30.1.1.10.2.44] '?' (dynamic) 1..1 M -->
<title>CDA-CH v2.0 (2017) Sample Document</title>
<effectiveTime value="201711091350+0100"/>
<!-- include template cdach_header_DocumentConfidentialityCode[2.16.756.5.30.1.1.10.2.19] '?' (dynamic) 1..1 M -->
<!-- include template cdach_header_DocumentLanguage[2.16.756.5.30.1.1.10.2.22] '?' (dynamic) 1..1 M -->
<!-- include template cdach_header_DocumentSetIdAndVersionNumber[2.16.756.5.30.1.1.10.2.20] '?' (dynamic) -->
<!-- include template cdach_header_Patient[2.16.756.5.30.1.1.10.2.1] '?' (dynamic) 1..1 R -->
<!-- include template cdach_other_Author[2.16.756.5.30.1.1.10.9.23] '?' (dynamic) 1..* M -->
<!-- include template cdach_header_DataEnterer[2.16.756.5.30.1.1.10.2.7] '?' (dynamic) 0..1 -->

```

```

<!-- include template CDAinformant[2.16.840.1.113883.10.12.154] '?' (dynamic) 0..* -->
<!-- include template cdach_header_Custodian[2.16.756.5.30.1.1.10.2.3] '?' (dynamic) 1..1 R -->
<!-- include template cdach_header_InformationRecipient[2.16.756.5.30.1.1.10.2.4] '?' (dynamic) 1..* M -->
<!-- include template cdach_header_LegalAuthenticator[2.16.756.5.30.1.1.10.2.5] '?' (dynamic) 0..1 -->
<!-- include template cdach_header_Authenticator[2.16.756.5.30.1.1.10.2.6] '?' (dynamic) 0..* -->
<!-- include template cdach_header_Employer[2.16.756.5.30.1.1.10.2.40] '?' (dynamic) 0..* -->
<!-- include template cdach_header_Insurance[2.16.756.5.30.1.1.10.2.15] '?' (dynamic) 0..* -->
<!-- include template cdach_header_InsuranceCard[2.16.756.5.30.1.1.10.2.14] '?' (dynamic) 0..* -->
<!-- include template cdach_header_PatientContact[2.16.756.5.30.1.1.10.2.43] '?' (dynamic) 0..* -->
<!-- include template cdach_header_OrderReference[2.16.756.5.30.1.1.10.2.16] '?' (dynamic) 0..* -->
<!-- include template cdach_header_HealthService[2.16.756.5.30.1.1.10.2.46] '?' (dynamic) 0..* -->
<!-- include template cdach_header_DocumentReplacement[2.16.756.5.30.1.1.10.2.13] '?' (dynamic) 0..* -->
<!-- include template CDAauthorization[2.16.840.1.113883.10.12.114] '?' (dynamic) 0..* -->
<!-- include template CDAcomponentOf[2.16.840.1.113883.10.12.113] '?' (dynamic) 0..1 -->

```

Item	DT	Card	Conf	Description	Label
<i>Included</i>		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	
<i>Included</i>		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 <i>Document Code</i> (DYNAMIC)	
h17:code	CE	1 ... 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.	CDA-CH V2
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	

└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 ... 1	F	LOINC	
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
└ h17:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	1 ... 1	F	SNOMED CT	
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>EprDocumentType-Code</i> (DYNAMIC)	
h17:title	ST	1 ... 1	M	The expected titles (at least in English, German, French and Italian) MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
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.	CDA-CH V2
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 <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
└ @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	

				(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))))	
			test		
			Message	The setId MUST be equal with the document id for version 1 and it MUST differ for all other versions.	
hl7:versionNumber	INT.NONNEG	1 ... 1	R	The versionNumber element MUST contain the value 1 for the very first version of that document. For later versions, the version number MUST be increased by 1 each.	CDA-CH V2
Included		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.1 Patient - recordTarget (DYNAMIC)	
hl7:recordTarget		1 ... 1	R	A human patient for whom this CDA document instance was created. Target patient 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). Patient identifiers Multiple ids (patient identification number) MAY be declared. If multiple ids are known, it is highly recommended to declare all known ids. Especially in cases where the CDA document instance is kind of an answer to a preceding order (independent of its data format), all ids specified by the ordering system SHALL be declared in the CDA document instance. This allows the receiver to assign its internal patient identification. The patient identification number MUST be grouped with the OID of its assigning system. The patient identification number MUST be unique within the system identified by the OID. The declared OID MUST be found in one of the public OID registries, such as oid.refdata.ch (preferred), oid-info.com, hl7.org/oid, www.dimdi.de/static/de/klassi/oid/, gesundheit.gv.at/OID_Frontend/ etc.	CDA-CH V2

				OIDs that can't be found in a public OID registry are NOT ALLOWED. ▪ Pseudonymizing 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.	
L hl7:templateId	II	1 ... 1	M		CDA-CH V2
L @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
L hl7:patientRole		1 ... 1	R		CDA-CH V2
L hl7:id	II	1 ... *	R	The patient's id.	CDA-CH V2
L @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.	
L @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	

 <code>hl7:addr</code>	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 <code>hl7:telecom</code>	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
 <code>hl7:patient</code>		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 <code>[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]]</code>					
 <code>hl7:administrativeGenderCode</code>	CE	1 ... 1	R	The patient's gender according to the Swiss EPR XDS.b metadata.	CDA-CH V2
 <code>@code</code>	CS	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.5.1	
 <code>@codeSystemName</code>	st	1 ... 1	F	HL7 AdministrativeGender	
 <code>@displayName</code>	st	1 ... 1	R		
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.25 <i>EprGender</i> (DYNAMIC)			

 <code>hl7:birthTime</code>	TS.CH.TZ	1 ... 1	R	The patient's birthdate.	CDA-CH V2
 <code>hl7:maritalStatusCode</code>	CE	0 ... 1		The patient's marital status.	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	F	2.16.840.1.113883.1.11.12212	
 <code>@codeSystemName</code>	st	1 ... 1	F	HL7 MaritalStatus	
 <code>@displayName</code>	st	1 ... 1	R		
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC)			
 <code>hl7:translation</code>		0 ... *		A translation of the code to another coding system	CDA-CH V2
 <code>@code</code>	cs	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	R		
 <code>@codeSystemName</code>	st	1 ... 1	R		
 <code>@displayName</code>	st	1 ... 1	R		

hl7: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) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	
hl7:originalText	ED	0 ... 1	C		CDA-CH V2
hl7:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
@value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
Schematron assert		role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		

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

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. 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: - h17:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC) - h17:guardianOrganization containing template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	

 <code>h17:guardianPerson</code>				The guardian's as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 <code>h17:guardianOrganization</code>				The guardian's as an organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
 <code>h17:birthplace</code>		0 ... 1		The patient's birthplace.	CDA-CH V2
 <code>h17:place</code>		1 ... 1			CDA-CH V2
 <code>h17:name</code>	EN	0 ... 1		The patient's birthplace name.	CDA-CH V2
 <code>h17:addr</code>	AD	1 ... 1	R	The patient's birthplace address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 <code>h17:languageCommunication</code>		0 ... *		The patient's language skills.	CDA-CH V2

 <code>h17:languageCode</code>	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)			
 <code>h17:modeCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbilityMode</i> (DYNAMIC)			
 <code>h17:proficiencyLevelCode</code>	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbilityProficiency</i> (DYNAMIC)			
 <code>h17:preferenceInd</code>	BL	0 ... 1		In case of @value=true it is the patient's correspondence language.	CDA-CH V2
 <code>h17:providerOrganization</code>		0 ... 1		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health Organisation Index (HOI) of the Swiss EPR. Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	CDA-CH V2
Included		1 ... *	M	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)	

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

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

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

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

 <code>h17:representedOrganization</code>		0 ... 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... 1		from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)	
<code>h17:dataEnterer</code>		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
 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	<code>uid</code>	1 ... 1	F	2.16.756.5.30.1.1.10.2.7	
 <code>h17:time</code>	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2
 <code>h17:assignedEntity</code>		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)	
<code>h17:informant</code>		0 ... *			CDA-CH V2
 <code>@typeCode</code>		0 ... 1	F	INF	

└ @contextControlCode		0 ... 1	F	OP	
Choice		1 ... 1		Elements to choose from: - hl7:assignedEntity containing template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC) - hl7:relatedEntity containing template 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	
└ hl7:assignedEntity				Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	CDA-CH V2
└ hl7:relatedEntity				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)	CDA-CH V2
Included		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.3 <i>Custodian</i> (DYNAMIC)	
hl7:custodian		1 ... 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
└ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.3	
└ hl7:assignedCustodian		1 ... 1	R		CDA-CH V2

 <code>h17:representedCustodianOrganization</code>		1 ... 1	R		CDA-CH V2
 <code>h17:id</code>	II	1 ... *	M	The custodian's id.	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
 <code>h17:name</code>	ON	1 ... 1	R	The custodian's name.	CDA-CH V2
 <code>h17:telecom</code>	TEL	0 ... *		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
 <code>h17:addr</code>	AD	0 ... *		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		1 ... *	M	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)	
<code>h17:informationRecipient</code>		1 ... *	M	A recipient of this CDA document (corresponds to the addressee of a letter - person or organization). Recipient types: The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient).	CDA-CH V2

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

 @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
 hl7:addr	AD	0 ... *		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 hl7:telecom	TEL	0 ... *		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
 hl7:informationRecipient		0 ... 1		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 hl7:receivedOrganization		0 ... 1		The addressee organization. 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 2.16.756.5.30.1.1.10.2.5 <i>Legal Authenticator</i> (DYNAMIC)	
hl7:legalAuthenticator		0 ... 1		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
 hl7:templateId	II	1 ... 1	M		CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.5	

 <code>hl7:time</code>	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
 <code>hl7:signatureCode</code>	CS	1 ... 1	R		CDA-CH V2
 <code>@code</code>	cs	1 ... 1	F	S	
 <code>@codeSystem</code>	oid	0	NP	NP/not present	
 <code>@codeSystemName</code>	st	0	NP	NP/not present	
 <code>@displayName</code>	st	0	NP	NP/not present	
	CONF	The value of <code>@code</code> shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)			
 <code>hl7:assignedEntity</code>		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.6 <i>Authenticator</i> (DYNAMIC)	
<code>hl7:authenticator</code>		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
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

 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	CON	
 <code>h17:id</code>	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:code</code>	CE	1 ... 1	R		CDA-CH V2
 <code>@code</code>	CS	1 ... 1	R		
 <code>@codeSystem</code>	oid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.3	

└ @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)				
└ hl7:associatedPerson		0 ... 1		Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2	
└ hl7:scopingOrganization		1 ... 1		The employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, address, telecom</i> (DYNAMIC)	CDA-CH V2	
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.15 <i>Insurance - participant</i> (DYNAMIC)		
hl7:participant		0 ... *		Information on a patient's insurance.	CDA-CH V2	
└ @typeCode	CS	1 ... 1	F	COV		
└ hl7:templateId	II	1 ... 1	M		CDA-CH V2	
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.15		

 <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of the contract.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	PAYOR	
 <code>h17:id</code>	II	1 ... 1	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2
 <code>@root</code>	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 <code>@extension</code>	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
 <code>h17:code</code>	CE	1 ... 1	R	The underlying law for the contract.	CDA-CH V2

└ @nullFlavor	cs	0 ... 1	F	NAV		
└ @code	cs	0 ... 1		832.10, 832.20, 221.229.1, 833.1, 831.20		
└ @codeSystem	oid	0 ... 1	F	2.16.756.5.30.2.1.1.11		
└ @codeSystemName	st	0 ... 1	F	ins-laws		
└ @displayName	st	0 ... 1		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MilIA), Federal Act on Invalidity Insurance (InvIA)		
Schematron assert		role		error		
		test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)		
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.		
└ hl7:associatedPerson		0 ... 1		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2	
└ hl7:scopingOrganization		1 ... 1		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 <i>Organization Compilation with GLN, name, addr and telecom</i> (DYNAMIC)	CDA-CH V2	
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)		
hl7:participant		0 ... *		Information on a patient's insurance card.	CDA-CH V2	
└ @typeCode	cs	1 ... 1	F	HLD		

 <code>h17:templateId</code>	II	1 ... 1	M		CDA-CH V2
 <code>@root</code>	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.14	
 <code>h17:time</code>	IVL_TS.CH.TZ	1 ... 1	R	Validity period of the insurance card.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1			CDA-CH V2
 <code>@nullFlavor</code>	CS	1 ... 1	F	NASK	
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	Expiration date of the insurance card.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R		CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	F	POLHOLD	
 <code>h17:id</code>	II	1 ... 1	R	The insurance card's id.	CDA-CH V2

 @root	uid	1 ... 1	F	2.16.756.5.30.1.123.100.1.1.1	
 @extension	st	1 ... 1	R	Number of the insurance card.	
 hl7:associatedPerson		0 ... 1		Family and given name on the insurance card. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
 hl7:scopingOrganization		0 ... 1		The insurance company which issued the insurance card. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
<i>Included</i>		0 ... *		from 2.16.756.5.30.1.1.10.2.43 <i>Patient Contact - participant</i> (DYNAMIC)	
hl7:participant		0 ... *		Information on a patient contact.	CDA-CH V2
 @typeCode	cs	1 ... 1	F	IND	
 hl7:templateId	II	1 ... 1	M		CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.43	
 hl7: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	

 <code>h17:time</code>	IVL_TS.CH.TZ	0 ... 1		Validity period of the participation.	CDA-CH V2
 <code>h17:low</code>	TS.CH.TZ	1 ... 1	R	Start of participation.	CDA-CH V2
 <code>h17:high</code>	TS.CH.TZ	1 ... 1	R	End of participation.	CDA-CH V2
 <code>h17:associatedEntity</code>		1 ... 1	R	Either the contact person or the contact's organization SHALL be present.	CDA-CH V2
 <code>@classCode</code>	CS	1 ... 1	R	The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
 <code>h17:code</code>	CE	1 ... 1	R	The contact's role.	CDA-CH V2
 <code>@nullFlavor</code>	CS	0 ... 1			
 <code>@code</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 contact's address. 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. 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. 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')

				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.	
Included			0 ... *	from 2.16.756.5.30.1.1.10.2.16 <i>Order Reference - inFulfillmentOf</i> (DYNAMIC)	
hl7:inFulfillmentOf			0 ... *	Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
└ hl7:templateId	II		1 ... 1	M	CDA-CH V2
└ @root	uid		1 ... 1	F	2.16.756.5.30.1.1.10.2.16
└ hl7:order			1 ... 1	R	CDA-CH V2
└ hl7:id	II		1 ... *	R	Order number.
└ @root	uid		1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.
└ @extension	st		0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.
Included			0 ... *	from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)	

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

L 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
L @nullFlavor	st	1 ... 1	F	NAV	
L @code	cs	0	NP	NP/not present	
L @codeSystem	oid	0	NP	NP/not present	
L @codeSystemName	st	0	NP	NP/not present	
L @displayName	st	0	NP	NP/not present	
L h17:translation		0 ... *		A translation of the code to another coding system.	CDA-CH V2
L @code	cs	1 ... 1	R		
L @codeSystem	oid	1 ... 1	R		
L @codeSystemName	st	1 ... 1	R		
L @displayName	st	1 ... 1	R		
L h17:effectiveTime	IVL_TS.CH.TZ	1 ... 1	R	Duration of the health service.	CDA-CH V2

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

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. 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	<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>				
Schematron assert	role	error			
	test	not(@code='133932002') or (hl7:originalText/text())			
	Message	Other Caregivers description MUST be declared in the originalText element.			
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.	

 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.	
 hl7:translation	Schematron assert	role	 error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
		Variable let	Name	idvalue	
		Value	substring-after(@value,'#')		
		role	 error		
 hl7:translation	Schematron assert	test	ancestor::hl7:structuredBody//*[@ID=\$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').		
	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.		
 @code	CS	1 ... 1	R	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

 @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
<i>Included</i>		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. Notes: For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipi-	CDA-CH V2

				ent, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid:	
				- Values that were only contained in the previous document have to be treated as deleted. - Values that are present in both documents are overwritten with the contents of the new document. - Values that are only contained in the new document are to be added.	
L @typeCode	cs	1 ... 1	F	RPLC	
				Indicates that it is a relationship to another document that needs to be replaced.	
L h17:templateId	II	1 ... 1	M		CDA-CH V2
L @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.13	
L h17:parentDocument		1 ... 1	R	Relationship to the document that needs to be replaced.	CDA-CH V2
L h17:id	II	1 ... 1	M	The id of the document to be replaced MUST be declared.	CDA-CH V2
L @root	uid	1 ... 1	R	The id (GUID) of the document to be replaced.	
L @extension	st	0	NP	NP/not present	

 <code>hl7:setId</code>	II	1 ... 1	M	The setId of the document to be replaced MUST be declared.	CDA-CH V2
 <code>@extension</code>	st	0	NP	NP/not present	
 <code>@root</code>	uid	1 ... 1	R	The setId (GUID) of the document to be replaced and MUST be identical with the content of the setId of the current document.	
	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	
 <code>hl7:versionNumber</code>	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)	
<code>hl7:authorization</code>		0 ... *			CDA-CH V2
 <code>@typeCode</code>		0 ... 1	F	AUTH	

└ h17:consent		1 ... 1			CDA-CH V2
└ @classCode		0 ... 1	F	CONS	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II	0 ... *			CDA-CH V2
└ h17:code	CE	0 ... 1			CDA-CH V2
└ @codeSystem	CONF	0 ... 1	F	2.16.840.1.113883.5.4 (Act Code)	
└ h17:statusCode	CS	1 ... 1	R		CDA-CH V2
└ @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			CDA-CH V2
└ @typeCode		0 ... 1	F	COMP	

└ h17:encompassingEncounter		1 ... 1			CDA-CH V2
└ @classCode		0 ... 1	F	ENC	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II	0 ... *			CDA-CH V2
└ h17:code	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 <i>ActEncounter-Code</i> (DYNAMIC)			
└ h17:effectiveTime	IVL_TS	1 ... 1	R		CDA-CH V2
└ h17:dischargeDispositionCode	CE	0 ... 1			CDA-CH V2
	CONF	shall be drawn from concept domain "EncounterDischargeDisposition"			

└ h17:responsibleParty		0 ... 1		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
└ @typeCode		0 ... 1	F	RESP	
└ h17:encounterParticipant		0 ... *			CDA-CH V2
└ @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			CDA-CH V2
└ h17:assignedEntity		1 ... 1		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
└ h17:location		0 ... 1			CDA-CH V2
└ @typeCode		0 ... 1	F	LOC	

└ h17:healthCareFacility		1 ... 1			CDA-CH V2
└ @classCode		0 ... 1	F	SDLOC	
└ h17:id	II	0 ... *			CDA-CH V2
└ h17:code	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocationRoleType</i> (DYNAMIC)			
└ h17:location		0 ... 1		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)	CDA-CH V2
└ h17:serviceProviderOrganization		0 ... 1		Contains 2.16.840.1.113883.10.12.151 <i>CDA Organization</i> (DYNAMIC)	CDA-CH V2

7.3.5.8 Device Compilation with name

Id 2.16.756.5.30.1.1.10.9.21

Effective Date 2018-04-18

Status	Active	Version Label	2017	
Name	cdach_other_DeviceCompilationWithName	Display Name	Device Compilation with name	
Description				
Reusable template wherever a device with required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation. A device is either a physical device (e.g. analyzer with which laboratory results are determined) or a software (e.g. laboratory information system, in which laboratory results are documented).				
Context	Pathname			
Label	CDA-CH V2			
Classification	Template type not specified			
Open/Closed	Open (other than defined elements are allowed)			
Used by / Uses	Used by 0 transactions and 9 templates, Uses 0 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.9.16	Containment	Author Compilation with name, addr and telecom (2017)	2018-04-18
	2.16.756.5.30.1.1.10.4.2		Annotation Comments (2016)	2016-11-11
	2.16.756.5.30.1.1.10.3.2		Remarks Section - coded (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.9.23	Containment	Author (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.48	Containment	Author Compilation with name (2017)	2018-04-18
Relationship	Specialization: template 2.16.840.1.113883.10.12.315 (2005-09-07)			

Example	Software <pre><manufacturerModelName>4.0</manufacturerModelName> <softwareName>New generation KIS</softwareName></pre>
Example	Physical device <pre><manufacturerModelName>w872</manufacturerModelName> <softwareName>Pipette laboratory analyzer</softwareName></pre>

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

7.3.5.9 Narrative Text Reference

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

Description

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

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

Used by / Uses	Used by 0 transactions and 6 templates, Uses 0 templates			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.4.2	Include	 Annotation Comments (2016)	2016-11-11
	2.16.756.5.30.1.1.10.3.2		 Remarks Section - coded (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.4.21	Include	 Vital Signs Observation (2016)	2016-11-11
	2.16.756.5.30.1.1.10.4.20		 Vital Signs Organizer Entry (2016)	2016-11-11
	2.16.756.5.30.1.1.10.3.4		 Vital Signs Section - coded (2016)	2016-11-11

Example	Example
	<pre><text> <reference value="#nartext1"/> </text></pre>

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

7.3.5.10 Organization Compilation with GLN and name

Id	2.16.756.5.30.1.1.10.9.30	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_other_OrganizationCompilationGlnName	Display Name	Organization Compilation with GLN and name

Description

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

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

Used by / Uses	Used by 0 transactions and 6 templates, Uses 1 template			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.2.1	Containment	 Patient - recordTarget (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.51	Containment	 Assigned Entity Compilation with GLN and name (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.24 (DYNAMIC)
---------------------	--

Example	Example			
	<pre><id root="2.51.1.3" extension="7601111111111111"/> <name>Fuchsbau Medical Services AG</name></pre>			

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... 1	R	The organization's id (GLN).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The organization's GLN.	
h17:id	II	0 ... *		Other organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
h17:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
h17:telecom	TEL	0 ... *		The organization's means of communication (phone, eMail, ...).	CDA-CH V2
h17:addr	AD	0 ... *		The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2

7.3.5.11 Organization Compilation with GLN, name, addr and telecom

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

Description

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

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

Used by 0 transactions and 6 templates, Uses 1 template

Used by / Uses	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.2.15	Containment	 Insurance - participant (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
	2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.50	Containment	 Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship Specialization: template 2.16.756.5.30.1.1.10.9.33 (DYNAMIC)

Example

Example

```
<id root="2.51.1.3" extension="760111111111"/>
<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>
  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>
```

Item	DT	Card	Conf	Description	Label
h17:id	II	1 ... 1	R	The organization's id (GLN).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The organization's GLN.	
h17:id	II	0 ... *		Other organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	

hl7:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
hl7:telecom	TEL	1 ... *	R	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	AD	1 ... *	R	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2

7.3.5.12 Organization Compilation with id, name, addr and telecom

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

Description

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

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified

Open/Closed

Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 7 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31		Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46		Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.9.27 (DYNAMIC)

Example

Example

```

<id root="2.999" extension="432ohjb"/>
<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>
  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>

```

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

7.3.5.13 Organization Compilation with name

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

Description

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

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

Used by 0 transactions and 14 templates, Uses 1 template

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Containment	 Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.14	Containment	 Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.4	Containment	 Recipient - informationRecipient (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.43	Containment	 Patient Contact - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Containment	 Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5		 Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6		 Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7		 Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.23	Containment	 Author (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48	Containment	 Author Compilation with name (2017)	2018-04-18

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

Relationship

Specialization: template 2.16.840.1.113883.10.12.151 (2005-09-07)

Example

Example

<name>Fuchsbau Medical Services AG</name>

Item	DT	Card	Conf	Description	Label
h17:id	II	0 ... *		The organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
h17:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
h17:telecom	TEL	0 ... *		The organization's means of communication (phone, eMail, ...).	CDA-CH V2

hl7:addr	AD	0 ... *	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
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7.3.5.14 Organization Compilation with name, addr, telecom

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

Description

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

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

Used by / Uses	Used by 0 transactions and 11 templates, Uses 1 template			
	Used by	as	Name	Version
	2.16.756.5.30.1.1.10.2.40	Containment	 Employer - participant (2017)	2018-04-18
	2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18

2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment	 Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.2		 Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2		 Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment	 Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7		 Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		 Inability To Work Observation (2017)	2017-09-14 17:25:19
Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC

Relationship

Specialization: template 2.16.756.5.30.1.1.10.9.24 (DYNAMIC)

Example

Example

```

<name>Fuchsbau Medical Services AG</name>
<telecom value="tel:+41.99.888.77.66" use="WP"/>
<telecom value="mailto:info@fuchsbau-medical-services.ch" use="WP"/>
<telecom value="https://fuchsbau-medical-services.ch" use="WP"/>
<addr>
  <streetName>Specimengasse</streetName>
  <houseNumber>99</houseNumber>
  <city>Musterhausen</city>
  <postalCode>9999</postalCode>
  <country>CH</country>
</addr>

```

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

h17:id	II	0 ... *	R	The organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
h17:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
h17:telecom	TEL	1 ... *	R	The organization's means of communication (phone, eMail, ...).	CDA-CH V2
h17:addr	AD	1 ... *	R	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2

7.3.5.15 Original Text Reference

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

Description

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

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

Used by 0 transactions and 17 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Include	 Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Include	 Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5		 Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6		 Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7		 Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Include	 Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7		 Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70		 Inability To Work Observation (2017)	2017-09-14 17:25:19
2.16.756.5.30.1.1.10.9.31	Include	 Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46		 Health Service - documentationOf (2017)	2018-04-18

2.16.756.5.30.1.1.10.9.32	Include	 Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.50	Include	 Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.51	Include	 Assigned Entity Compilation with GLN and name (2017)	2018-04-18

Example

Example

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

Item	DT	Card	Conf	Description	Label
hl7:originalText	ED	0 ... 1	C		CDA-CH V2
 hl7:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
 @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
Schematron assert		role	 error		
		test	starts-with(@value,'#')		

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

7.3.5.16 Performer

Id	2.16.756.5.30.1.1.10.9.31
Status	 Active
Name	cdach_other_Performer

Effective Date	2018-04-18
Version Label	2017
Display Name	Performer

Description

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

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

Used by / Uses

Used by 0 transactions and 5 templates, Uses 2 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.46	Include	 Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
Uses	as	Name	Version
2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)	DYNAMIC
2.16.756.5.30.1.1.10.9.32	Containment	 Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	DYNAMIC

Relationship

Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5 (2017-04-13 21:00:16)

Example

Example

```

<performer typeCode="PRF">
  <templateId root="2.16.756.5.30.1.1.10.9.31"/>
  <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/>
  <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
  <time>
    <low nullFlavor="NASK"/>
    <high nullFlavor="NASK"/>
  </time>
  <assignedEntity>
    <id root="2.999" extension="p98457u-"/>
    <functionCode code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/>
    <addr use="WP">
      <streetName>Doktorgasse</streetName>
      <houseNumber>2</houseNumber>
      <city>Musterhausen</city>
      <postalCode>8888</postalCode>
      <country>CH</country>
    </addr>
    <telecom value="tel:+41.32.234.55.66" use="WP"/>
    <telecom value="fax:+41.32.234.55.67" use="WP"/>
    <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  </assignedEntity>
</performer>

```

```

<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="760999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
</assignedEntity>
</performer>

```

Item	DT	Card	Conf	Description	Label
h17:performer				Information about a healthcare provider who was the primary performer of the act.	(cda...mer)
└ @typeCode	CS	1 ... 1	F	PRF	
└ h17:templateId	II	1 ... 1	M		(cda...mer)

└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.31	
└ hl7:templateId		1 ... 1	R		(cda...mer)
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5	
└ hl7:functionCode	CE	1 ... 1	R	The functionCode MUST be taken from the Swiss EPR Value-Set for author roles. See FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), Appendix 3: Metadata, Section 2.1. If the desired functionCode is not available in the Swiss EPR Value-Set for author roles, the code 133932002 (Other Caregiver) MUST be used. In this case, the originalText element MUST contain the description of the role. Translations to other vocabularies are allowed.	(cda...mer)
└ @code	CS	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.96	
└ @codeSystemName	st	1 ... 1	F	SNOMED CT	
└ @displayName	st	1 ... 1	R		
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.1.3 <i>EprAuthorRole</i> (DYNAMIC)			
Example	<functionCode code="106292003" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Professional nurse"/>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Home helper</originalText> </functionCode>				
Example	<functionCode code="133932002" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Other Caregiver"> <originalText>Laboratory technician</originalText> <translation code="3212" codeSystem="2.16.840.1.113883.2.9.6.2.7" codeSystemName="ISCO-08" displayName="Medical and pathology laboratory technicians"/> </functionCode>				

Included		h17:originalText	ED	0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.		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.		
								
								
								
								

		Message	The originalText content MUST be identical to the narrative text for this reference.		
 hl7:translation		0 ... *		A translation of the code to another coding system (e.g. ISCO-08: 2.16.840.1.113883.2.9.6.2.7)	(cda...mer)
 @code	cs	1 ... 1	R		
 @codeSystem	oid	1 ... 1	R		
 @codeSystemName	st	1 ... 1	R		
 @displayName	st	1 ... 1	R		
 hl7:time	IVL_TS.CH.TZ	0 ... 1		Duration of the performance.	(cda...mer)
 hl7:low	TS.CH.TZ	1 ... 1	R	Start of the performance.	(cda...mer)
 hl7:high	TS.CH.TZ	1 ... 1	R	End of the performance.	(cda...mer)
 hl7:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC)	(cda...mer)

7.3.5.17 Person Name Information Compilation - eCH-0011

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

Description

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

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

Context	Pathname
Label	eCH-0011 V8.1 nameData
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)

Used by / Uses

Used by 0 transactions and 27 templates, Uses 0 templates

Used by	as	Name	Version
2.16.756.5.30.1.1.10.2.1	Containment	 Patient - recordTarget (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.36		 CDA-CH v2.0 Header Template Compilation (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.12		 CDA-CH v2.0 - nonXMLBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.1.14		 CDA-CH v2.0 - structuredBody enhanced (2018)	2018-04-18
2.16.756.5.30.1.1.10.1.9		 CDA-CH v2.0 - structuredBody (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.14	Containment	 Insurance Card - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.15	Containment	 Insurance - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.4	Containment	 Recipient - informationRecipient (2017)	2018-04-18

2.16.756.5.30.1.1.10.2.40	Containment		Employer - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.43	Containment		Patient Contact - participant (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.12	Containment		Assigned Entity Compilation with id (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.5			Legal Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.6			Authenticator (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.7			Data Enterer (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.16	Containment		Author Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.2			Annotation Comments (2016)	2016-11-11
2.16.756.5.30.1.1.10.3.2			Remarks Section - coded (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.17	Containment		Assigned Entity Compilation with name, addr and telecom (2017)	2018-04-18
2.16.756.5.30.1.1.10.4.7			Laboratory Performer - performer Containment (2017)	2017-06-21
2.16.756.5.30.1.1.10.4.70			Inability To Work Observation (2017)	2017-09-14 17:25:19
2.16.756.5.30.1.1.10.9.23	Containment		Author (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.32	Containment		Assigned Entity Compilation with id, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.31			Performer (2017)	2018-04-18
2.16.756.5.30.1.1.10.2.46			Health Service - documentationOf (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.48	Containment		Author Compilation with name (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.50	Containment		Assigned Entity Compilation with GLN, name, addr, telecom, person and organization (2017)	2018-04-18
2.16.756.5.30.1.1.10.9.51	Containment		Assigned Entity Compilation with GLN and name (2017)	2018-04-18

Example

Minimal name

```

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

```

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

Example

Other official Name

```

<!-- @use attribute is optional for the legal name -->
<name use="L">
  <family>Muster</family>
  <given>Hildegard</given>
</name>
<!-- @use attribute indicates that this is another assigned name -->
<name use="ASGN">
  <family>Sans-Papier</family>
  <given>Helen</given>
</name>

```

Item	DT	Card	Conf	Description	Label
h17:name	PN	1 ... 1	R	The person's legal name (with required family and given name).	eCH-0011 V8.1 na- meData
L @use set_cs 0 ... 1 F L Legal. This is the default. Thus, name elements without @use are legal names.					
L h17:prefix	ENXP	0 ... *		The person's academic title (such as Dr. med. or Prof.).	eCH-0011 V8.1 na- meData
L @qualifier set_cs 1 ... 1 F AC Academic.					
L h17:family	ENXP	1 ... *	R	The person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 na- meData

L @qualifier	set_cs 0	NP	NP/not present	Default.	
L h17:family	ENXP	0 ... *		The person's maiden name ([ge]: Ledigname; [fr]: nom de célibataire).	eCH-0011 V8.1 nameData
L @qualifier	set_cs 1 ... 1	F	BR	Birth name.	
L h17:given	ENXP	1 ... *	R	The person's given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
L @qualifier	set_cs 0	NP	NP/not present	Default.	
L h17:given	ENXP	0 ... *		The person's call name ([ge]: Rufname; [fr]: nom usuel).	eCH-0011 V8.1 nameData
L @qualifier	set_cs 1 ... 1	F	CL	Callme.	
h17:name	PN	0 ... *		The person's alias name.	eCH-0011 V8.1 nameData
L @use	set_cs 1 ... 1	F	P	Pseudonym.	

L h17:prefix	ENXP	0 ... *		The person's title.	eCH-0011 V8.1 na- meData
L @qualifier	set_cs	1 ... 1	F	TITLE Title.	
L h17:family	ENXP	0 ... *		The person's pseudonym family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 na- meData
L @qualifier	set_cs	0	NP	NP/not present Default.	
L h17:given	ENXP	0 ... *		The person's pseudonym given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 na- meData
L @qualifier	set_cs	0	NP	NP/not present Default.	
h17:name	PN	0 ... *		Other person's name.	eCH-0011 V8.1 na- meData
L @use	set_cs	1 ... 1	F	ASGN Assigned.	

 h17:prefix	ENXP	0 ... *		The person's title.	eCH-0011 V8.1 nameData
 @qualifier	set_cs	1 ... 1	F	TITLE Title.	
 h17:family	ENXP	0 ... *		Other official person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
 @qualifier	set_cs	0	NP	NP/not present Default.	
 h17:given	ENXP	0 ... *		Other official given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData
 @qualifier	set_cs	0	NP	NP/not present Default.	

7.3.5.18 PlayingEntity Compilation with name

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

Description

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

Context	Pathname
Label	CDA-CH V2
Classification	Template type not specified
Open/Closed	Open (other than defined elements are allowed)
Relationship	Specialization: template 2.16.840.1.113883.10.12.313 (2005-09-07)

Example

Name unstructured

```
<name>Muster Franz</name>
```

Example

Name structured

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

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

7.3.6 Codes et domaines de valeurs

Les domaines de valeurs ci-après sont présentés par ordre alphabétique.

7.3.6.1 HL7 LanguageAbilityMode

Id	2.16.840.1.113883.1.11.12249 ref ad2bbr-	Effective Date	2014-03-26
Status	Final	Version Label	DEFN=UV=VO=1360-20160323
Name	LanguageAbilityMode	Display Name	LanguageAbilityMode
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: A value representing the method of expression of the language. <i>Example:</i> Expressed spoken, expressed written, expressed signed, received spoken, received written, received signed.		
Source Code System	2.16.840.1.113883.5.60 - <i>Language Ability Mode</i>		

Level/ Type	Code	Display Name	Code System
0-L	ESGN	Expressed signed	Language Ability Mode
0-L	ESP	Expressed spoken	Language Ability Mode
0-L	EWR	Expressed written	Language Ability Mode
0-L	RSGN	Received signed	Language Ability Mode
0-L	RSP	Received spoken	Language Ability Mode
0-L	RWR	Received written	Language Ability Mode

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

7.3.6.2 HL7 LanguageAbilityProficiency

Id	2.16.840.1.113883.1.11.12199 ref ad2bbr-	Effective Date	2014-03-26
Status	Final	Version Label	DEFN=UV=VO=1360-20160323
Name	LanguageAbilityProficiency	Display Name	LanguageAbilityProficiency
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: A value representing the level of proficiency in a language. <i>Example:</i> Excellent, good, fair, poor.		
Source Code System	2.16.840.1.113883.5.61 - <i>Language Ability Proficiency</i>		
Level/ Type	Code	Display Name	Code System
0-L	E	Excellent	Language Ability Proficiency
0-L	F	Fair	Language Ability Proficiency
0-L	G	Good	Language Ability Proficiency
0-L	P	Poor	Language Ability Proficiency

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

7.3.6.3 HL7 MaritalStatus

Dans un esprit d'interopérabilité internationale, la présente spécification prescrit l'utilisation de la terminologie adoptée au plan international. Pour répondre simultanément aux particularités helvétiques, un tableau de mapping est documenté selon le Value Set suivant : "0 Mapping zu eCH-0011 maritalStatus - état civil"

Id	2.16.840.1.113883.1.11.12212 ref ad2bbr-	Effective Date	2014-03-26
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	MaritalStatus	Display Name	MaritalStatus
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: The domestic partnership status of a person. <i>Example:</i> Married, separated, divorced, widowed, common-law marriage.		
Source Code System	2.16.840.1.113883.5.2 - <i>MaritalStatus</i>		

Level/ Type	Code	Display Name	Code System
0-L	A	Annulled	MaritalStatus
0-L	D	Divorced	MaritalStatus
0-L	I	Interlocutory	MaritalStatus
0-L	L	Legally Separated	MaritalStatus
0-L	M	Married	MaritalStatus
0-L	P	Polygamous	MaritalStatus
0-L	S	Never Married	MaritalStatus
0-L	T	Domestic partner	MaritalStatus
0-L	W	Widowed	MaritalStatus

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

Mapping eCH-0011 maritalStatus - état civil

Voir également [eCH-0011 : Standard de données personnelles v8.1](#), chapitre « 3.3.5.1 maritalStatus - état civil : état civil » Le concept cible cité ci-dessous est déclaré dans l'élément de code. Le concept source spécifique au pays est déclaré dans l'élément de transposition.

Concept source eCH-0011 maritalStatus OID: 2.16.756.5.30.1.170.11.1	Objectif cible HL7 MaritalStatus OID: 2.16.840.1.113883.5.2	Comparaison entre concept source et concept cible Degré d'équivalence degré d'équivalence selon ART-DECOR (voir ISO 12300 equivalency rating)
1 = ledig/célibataire	S = Never Married	equivalent
2 = verheiratet/marié/e	M = Married	equivalent
3 = verwitwet/ veuf/veuve	W = Widowed	equivalent
4 = geschieden/divorcé/e	D = Divorced	equivalent
5 = unverheiratet/non marié/e	U = unmarried	equivalent
6 = in eingetragener Partnerschaft/lié/e par un partenariat enregistré	T = Domestic partner	wider
7 = aufgelöste Partnerschaft/partenariat dissous	U = unmarried	wider
9 = unbekannt	nullFlavor verwenden: UNK = Unknown	unmatched

[Tableau 3] Mapping eCH-0011 maritalStatus - état civil

7.3.6.4 HL7 NullFlavor

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

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

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

7.3.6.5 HL7 ParticipationSignature

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

Level/ Type	Code	Display Name	Code System
0-L	I	intended	Participation Signature
0-L	S	signed	Participation Signature
0-L	X	required	Participation Signature

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

7.3.6.6 HL7 ReligiousAffiliation

Dans un esprit d'interopérabilité internationale, la présente spécification prescrit l'utilisation de la terminologie adoptée au plan international. Pour répondre simultanément aux particularités helvétiques, un tableau de mapping est documenté selon le Value Set suivant : "0 Mapping zu eCH-0011 religion – appartenance religieuse"

Id	2.16.840.1.113883.1.11.19185 ref ad2bbr-	Effective Date	2014-03-26
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323

Name	ReligiousAffiliation		Display Name	ReligiousAffiliation
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: Assigment of spiritual faith affiliation			
Source Code System	2.16.840.1.113883.5.1076 - <i>ReligiousAffiliation</i>			
Level/ Type	Code	Display Name	Code System	
0-L	1001	Adventist	ReligiousAffiliation	
0-L	1002	African Religions	ReligiousAffiliation	
0-L	1003	Afro-Caribbean Religions	ReligiousAffiliation	
0-L	1004	Agnosticism	ReligiousAffiliation	
0-L	1005	Anglican	ReligiousAffiliation	
0-L	1006	Animism	ReligiousAffiliation	
0-L	1007	Atheism	ReligiousAffiliation	
0-L	1008	Babi & Baha'I faiths	ReligiousAffiliation	
0-L	1009	Baptist	ReligiousAffiliation	
0-L	1010	Bon	ReligiousAffiliation	
0-L	1011	Cao Dai	ReligiousAffiliation	
0-L	1012	Celticism	ReligiousAffiliation	
0-L	1013	Christian (non-Catholic, non-specific)	ReligiousAffiliation	
0-L	1014	Confucianism	ReligiousAffiliation	
0-L	1015	Cyberculture Religions	ReligiousAffiliation	
0-L	1016	Divination	ReligiousAffiliation	

0-L	1017	Fourth Way	ReligiousAffiliation
0-L	1018	Free Daism	ReligiousAffiliation
0-L	1019	Gnosis	ReligiousAffiliation
0-L	1020	Hinduism	ReligiousAffiliation
0-L	1021	Humanism	ReligiousAffiliation
0-L	1022	Independent	ReligiousAffiliation
0-L	1023	Islam	ReligiousAffiliation
0-L	1024	Jainism	ReligiousAffiliation
0-L	1025	Jehovah's Witnesses	ReligiousAffiliation
0-L	1026	Judaism	ReligiousAffiliation
0-L	1027	Latter Day Saints	ReligiousAffiliation
0-L	1028	Lutheran	ReligiousAffiliation
0-L	1029	Mahayana	ReligiousAffiliation
0-L	1030	Meditation	ReligiousAffiliation
0-L	1031	Messianic Judaism	ReligiousAffiliation
0-L	1032	Mitraism	ReligiousAffiliation
0-L	1033	New Age	ReligiousAffiliation
0-L	1034	non-Roman Catholic	ReligiousAffiliation
0-L	1035	Occult	ReligiousAffiliation
0-L	1036	Orthodox	ReligiousAffiliation
0-L	1037	Paganism	ReligiousAffiliation
0-L	1038	Pentecostal	ReligiousAffiliation
0-L	1039	Process, The	ReligiousAffiliation

0-L	1040	Reformed/Presbyterian	ReligiousAffiliation
0-L	1041	Roman Catholic Church	ReligiousAffiliation
0-L	1042	Satanism	ReligiousAffiliation
0-L	1043	Scientology	ReligiousAffiliation
0-L	1044	Shamanism	ReligiousAffiliation
0-L	1045	Shiite (Islam)	ReligiousAffiliation
0-L	1046	Shinto	ReligiousAffiliation
0-L	1047	Sikism	ReligiousAffiliation
0-L	1048	Spiritualism	ReligiousAffiliation
0-L	1049	Sunni (Islam)	ReligiousAffiliation
0-L	1050	Taoism	ReligiousAffiliation
0-L	1051	Theravada	ReligiousAffiliation
0-L	1052	Unitarian-Universalism	ReligiousAffiliation
0-L	1053	Universal Life Church	ReligiousAffiliation
0-L	1054	Vajrayana (Tibetan)	ReligiousAffiliation
0-L	1055	Veda	ReligiousAffiliation
0-L	1056	Voodoo	ReligiousAffiliation
0-L	1057	Wicca	ReligiousAffiliation
0-L	1058	Yaohushua	ReligiousAffiliation
0-L	1059	Zen Buddhism	ReligiousAffiliation
0-L	1060	Zoroastrianism	ReligiousAffiliation
0-L	1061	Assembly of God	ReligiousAffiliation
0-L	1062	Brethren	ReligiousAffiliation

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

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

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

Mapping eCH-0011 religion – appartenance religieuse

Voir également [eCH-0011 : Standard de données personnelles v8.1](#), chapitre « 3.3.4.1 religion - appartenance religieuse » : Indépendamment du contexte, d'autres codes peuvent également être échangés. Pour la livraison à l'OFS, toutefois, seuls les codes mentionnés sous 'eCH-0011 religion' sont autorisés. Le concept cible cité ci-dessous est déclaré dans l'élément de code. Le concept source spécifique au pays est déclaré dans l'élément de transposition

Concept source eCH-0011 religion OID: 2.16.756.5.30.1.170.11.2	Objectif cible HL7 ReligiousAffiliation OID: 2.16.840.1.113883.5.1076	Comparaison entre concept source et concept cible Degré d'équivalence degré d'équivalence selon ART-DECOR (voir ISO 12300 equivalency rating)
111 = evangelisch-reformierte (protestantische) Kirche	1077 = Protestant	wider
121 = römisch-katholische Kirche	1041 = Roman Catholic Church	equivalent
122 = christkatholische / altkatholische Kirche	1013 = Christian (non-Catholic, non-specific)	inexact
211 = israelitische Gemeinschaft / jüdische Glaubensgemeinschaft	1026 = Judaism	wider
211201 = Israelitische Cultusgemeinde	1026 = Judaism	wider
211301 = Jüdisch Liberale Gemeinde	1026 = Judaism	wider
000 = Unbekannt	nullFlavor verwenden: UNK = Unknown	unmatched

[Tableau 4] Mapping eCH-0011 religion – appartenance religieuse

7.3.6.7 HL7 RoleCode

Ce tableau n'existe malheureusement pas encore sous forme de Value Set dans ART-DECOR. Se référer par conséquent à la terminologie du HL7 CDA Standard R2 (2005) ou au tableau actuel de Wiki de HL7 Deutschland: [Kodesystem RoleCode](#).

7.3.6.8 IHERoleCode Employer and School Contacts

Id	2.16.756.5.30.1.1.11.77	Effective Date	2016-11-11
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Status	 Final	Version Label	2016
Name	IheRoleCodeEmployerAndSchoolContacts	Display Name	IHERoleCode Employer and School Contacts
Source Code System	1.3.6.1.4.1.19376.1.5.3.3		

Level/ Type	Code	Display Name	Code System
0-L	EMPLOYER	EMPLOYER	1.3.6.1.4.1.19376.1.5.3.3
0-L	SCHOOL	SCHOOL	1.3.6.1.4.1.19376.1.5.3.3
0-L	AFFILIATED	AFFILIATED	1.3.6.1.4.1.19376.1.5.3.3

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

7.3.6.9 HL7 x_InformationRecipient

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

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

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

7.3.6.10 Swiss EprAuthorRole

Id	2.16.756.5.30.1.127.3.10.1.1.3	Effective Date	2018-01-31 14:06:48
Status	 Final	Version Label	201704.2-beta
Name	EprAuthorRole	Display Name	EprAuthorRole
Description	Role of the author as per Annex 3 EPRO-FDHA, Chapter 2.1 This code defines the role of the author within the institution, e.g. doctor, nurse, therapist, etc, This is a sub-attribute of epd_xds_author.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>		

Level/ Type	Code	Display Name	Code System	Designations
0-L	46255001	Pharmacist (occupation)	SNOMED Clinical Terms	 Preferred: Pharmacist
0-L	309343006	Physician (occupation)	SNOMED Clinical Terms	 Preferred: Physician
0-L	3842006	Chiropractor (occupation)	SNOMED Clinical Terms	 Preferred: Chiropractor
0-L	159033005	Dietitian (occupation)	SNOMED Clinical Terms	 Preferred: Dietitian
0-L	309453006	Registered midwife (occupation)	SNOMED Clinical Terms	 Preferred: Midwife
0-L	224609002	Complementary health worker (occupation)	SNOMED Clinical Terms	 Preferred: Complementary therapist
0-L	116154003	Patient (person)	SNOMED Clinical Terms	 Preferred: Patient

0-L	106292003	Professional nurse (occupation)	SNOMED Clinical Terms	 Preferred: Professional nurse
0-L	59944000	Psychologist (occupation)	SNOMED Clinical Terms	 Preferred: Psychologist
0-L	158933003	Social caseworker (general) (occupation)	SNOMED Clinical Terms	 Preferred: Social worker
0-L	159026005	Speech/language therapist (occupation)	SNOMED Clinical Terms	 Preferred: Speech therapist
0-L	36682004	Physiotherapist (occupation)	SNOMED Clinical Terms	 Preferred: Physiotherapist
0-L	80546007	Occupational therapist (occupation)	SNOMED Clinical Terms	 Preferred: Occupational therapist
0-L	225726006	Lactation consultant (occupation)	SNOMED Clinical Terms	 Preferred: Breast Feeding Consultant
0-L	106289002	Dentist (occupation)	SNOMED Clinical Terms	 Preferred: Dentist
0-L	66862007	Radiologist (occupation)	SNOMED Clinical Terms	 Preferred: Radiologist
0-L	223366009	Healthcare professional (occupation)	SNOMED Clinical Terms	 Preferred: Healthcare professional

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

7.3.6.11 Swiss EprDocumentConfidentialityCode

Id	2.16.756.5.30.1.127.3.10.1.5	Effective Date	2018-01-31 14:09:35
Status	 Final	Version Label	201704.2-beta
Name	EprDocumentConfidentialityCode	Display Name	EprDocumentConfidentialityCode
Description	Document confidentiality as per Annex 3 EPRO-FDHA, Chapter 2.4.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		
Source Code System	2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>		

Level/ Type	Code	Display Name	Code System	Designations
0-L	1051000195109	Normal (qualifier value)	SNOMED Clinical Terms	 Preferred: normal
0-L	1131000195104	Restricted (qualifier value)	SNOMED Clinical Terms	 Preferred: restricted
0-L	1141000195107	Secret (qualifier value)	SNOMED Clinical Terms	 Preferred: secret

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

7.3.6.12 Swiss EprDocumentTypeCode

Id	2.16.756.5.30.1.127.3.10.1.27	Effective Date	2017-12-20
Status	 Final	Version Label	201704.2-beta
Name	EprDocumentTypeCode	Display Name	EprDocumentTypeCode
Description	Type of document as per Annex 3 EPRO-FDHA, Chapter 2.11. The code defines a document's type (e.g. discharge report, laboratory report). Each document type should be assigned to precisely one document class.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org.		
Source Code System	2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i>		

Level/ Type	Code	Display Name	Code System	Designations
0-L	371537001	Consent report (record artifact)	SNOMED Clinical Terms	 Preferred: Patient Consent

0-L	371538006	Advance directive report (record artifact)	SNOMED Clinical Terms	 Preferred: Advance directive report
0-L	371534008	Summary report (record artifact)	SNOMED Clinical Terms	 Preferred: Patient Summary
0-L	721912009	Medication summary document (record artifact)	SNOMED Clinical Terms	 Preferred: Medication summary
0-L	440545006	Prescription record (record artifact)	SNOMED Clinical Terms	 Preferred: Drug prescription
0-L	1371000195104	Non-drug prescription record (record artifact)	SNOMED Clinical Terms	 Preferred: Non-drug prescription
0-L	275670009	Prescription exemption certificate (record artifact)	SNOMED Clinical Terms	 Preferred: Medication Dispensation
0-L	1221000195109	Medication Comment (record artifact)	SNOMED Clinical Terms	 Preferred: Medication Comment
0-L	761931002	Medication treatment plan report (record artifact)	SNOMED Clinical Terms	 Preferred: Medication Treatment Plan
0-L	721915006	Admission request document (record artifact)	SNOMED Clinical Terms	 Preferred: Admission request
0-L	371542009	Admission history and physical report (record artifact)	SNOMED Clinical Terms	 Preferred: Admission report
0-L	373942005	Discharge summary (record artifact)	SNOMED Clinical Terms	 Preferred: Discharge summary
0-L	371535009	Transfer summary report (record artifact)	SNOMED Clinical Terms	 Preferred: Transfer summary report
0-L	278448002	Care plan (qualifier value)	SNOMED Clinical Terms	 Preferred: Care plan
0-L	5531000179105	Nursing report (record artifact)	SNOMED Clinical Terms	 Preferred: Nursing report
0-L	721927009	Referral note (record artifact)	SNOMED Clinical Terms	 Preferred: Referral request
0-L	371530004	Clinical consultation report (record artifact)	SNOMED Clinical Terms	 Preferred: Consultation report
0-L	371525003	Clinical procedure report (record artifact)	SNOMED Clinical Terms	 Preferred: Clinical procedure report
0-L	4241000179101	Laboratory report (record artifact)	SNOMED Clinical Terms	 Preferred: Laboratory report
0-L	371528001	Pathology report (record artifact)	SNOMED Clinical Terms	 Preferred: Pathology report
0-L	721631001	Bone marrow pathology biopsy report (record artifact)	SNOMED Clinical Terms	 Preferred: Bone marrow Pathology biopsy report
0-L	721968000	Cardiac catheterization report (record artifact)	SNOMED Clinical Terms	 Preferred: Cardiac catheterization report
0-L	399345000	Adult echocardiography procedure report (record artifact)	SNOMED Clinical Terms	 Preferred: Electrocardiogram report

0-L	4221000179107	Ultrasound imaging report (record artifact)	SNOMED Clinical Terms	 Preferred: Ultrasound imaging report
0-L	371527006	Radiology report (record artifact)	SNOMED Clinical Terms	 Preferred: Radiology report
0-L	416779005	Anesthesia record (record artifact)	SNOMED Clinical Terms	 Preferred: Anaesthesiology report
0-L	371526002	Operative report (record artifact)	SNOMED Clinical Terms	 Preferred: Operative report
0-L	444561001	Birth certificate (record artifact)	SNOMED Clinical Terms	 Preferred: Birth certificate
0-L	307930005	Death certificate (record artifact)	SNOMED Clinical Terms	 Preferred: Death certificate
0-L	721599005	Wound care management note (record artifact)	SNOMED Clinical Terms	 Preferred: Wound report
0-L	371532007	Progress report (record artifact)	SNOMED Clinical Terms	 Preferred: Progress note
0-L	722091001	Conclusion interpretation document (record artifact)	SNOMED Clinical Terms	 Preferred: Conclusion interpretation document
0-L	900000000000471000	Image reference (foundation metadata concept)	SNOMED Clinical Terms	 Preferred: Image reference
0-L	41000179103	Immunization record (record artifact)	SNOMED Clinical Terms	 Preferred: Immunization record
0-L	424975005	Record entry (record artifact)	SNOMED Clinical Terms	 Preferred: Other EPD-document type
0-L	722160009	Audit trail report (record artifact)	SNOMED Clinical Terms	 Preferred: Audit trail
0-L	721963009	Order (record artifact)	SNOMED Clinical Terms	 Preferred: Order

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

7.3.6.13 Swiss EprGender

Id	2.16.756.5.30.1.127.3.10.1.25	Effective Date	2018-01-31 14:14:25
Status	 Final	Version Label	201704.2-beta
Name	EprGender	Display Name	EprGender
Description	Patient's gender as per Annex 3 EPRO-FDHA, Chapter 2.10.		
Source Code System	2.16.840.1.113883.5.1 - Administrative Gender		

Level/ Type	Code	Display Name	Code System	Designations
0-L	F	Female	Administrative Gender	 Preferred: Female
0-L	M	Male	Administrative Gender	 Preferred: Male
0-L	UN	Undifferentiated	Administrative Gender	 Preferred: Other

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

7.4 Directives pour la validation

7.4.1 Règles Schematron requises

Un set de règles Schematron doit être livré avec tous les formats d'échanges reposant sur CDA-CH V2 (2017). Celui-ci peut être généré à partir d'ART-DECOR. Les règles Schematron d'ART-DECOR reflètent toutes les vérifications de structure représentées dans le modèle (du type de données à la cardinalité). ART-DECOR ne peut toutefois transformer automatiquement en Schematron les règles commerciales importantes sous-jacentes à la description du modèle. De telles règles doivent être intégrées en complément au modèle ART-DECOR en tant que Schematron assert ou report.

Exemple :

Pour le rôle de l'auteur, il convient d'utiliser le Value Set selon ODEP, annexe 3 (métadonnées).

L'entrée '133932002' (Other Caregiver) doit toutefois être complétée par un texte en clair. Le Schematron assert suivant a été complété à cet effet dans les modèles Author et Performer :

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

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

7.4.2 Publication des règles Schematron

Les règles Schematron doivent être déposées auprès du groupe d'utilisateur HL7 Suisse pour publication officielle librement accessible dans le SourceForge Repository (ci-après SVN) prévu à cet effet. Le SVN Repository est géré par le groupe d'utilisateurs HL7 Suisse. Le comité technique du groupe d'utilisateurs HL7 Suisse est responsable du contenu du Repository et administre les droits d'écriture.

SVN Repository: <https://svn.code.sf.net/p/hl7ch/code/trunk/>

SourceForge Projekt: <http://www.sourceforge.com/projects/hl7ch>

7.4.3 Versionnement des règles Schematron

Le versionnement des règles Schematron incombe à l'éditeur d'un format d'échange CDA-CH. Il est possible d'indiquer une version principale et une sous-version par fichier sous la forme d'un entier naturel (Major.Minor). Exemple : 2.11

Le numéro de révision est attribué par le SVN Repository.

7.4.4 Continuité

Les modèles de document (Templates, sets de règles Schematron) des formats d'échange CDA-CH doivent être implémentés de sorte à être compatibles avec les versions antérieures. Il s'agit autant que possible d'éviter toute rupture de rétrocompatibilité. Si une telle rupture est inévitable, elle est autorisée uniquement dans les versions principales (nouvelle Major Version).

Remarque : CDA-CH V2 (2017) n'est pas rétrocompatible à 100% par rapport à CDA-CH V1.2 (2009).

7.4.5 Métadonnées pour les règles Schematron

L'éditeur d'un format d'échange CDA-CH doit déclarer une catégorie principale et une sous-catégorie pour les règles Schematron. Ces indications sont utilisées pour la structure arborescente du SVN Repository et ne peuvent comporter plus de 20 caractères. Les caractères spéciaux autorisés sont _ et -, et les espaces ne sont pas admis. Ces indications doivent être mentionnées clairement dans la branche en question du SVN Repository. En cas de litige, c'est le comité du groupe d'utilisateurs HL7 Suisse ou un organe nommé à cet effet par le comité qui tranche définitivement.

Exemples :

- Société\Produit

- Projet\Formulaire

7.4.6 Chemins d'accès dans les règles Schematron

Si des Entités réutilisables sont référencées dans les fichiers Schematron, le chemin de navigation doit être indiqué au moyen chemins d'accès relatifs et correspondre à la structure de répertoire de SVN Repository.

7.4.7 Arborescence dans le SVN Repository

La structure arborescente du SVN Repository se présente comme suit :

schematrons/catégorie principale/sous-catégorie/version/

En dessous de cette catégorie, l'éditeur d'un modèle CDA peut définir librement ses sous-répertoires.

Exemples :

- schematrons/HL7.ch/CDA-CH/v1.2/cda-ch.sch
- schematrons/HL7.ch/CDA-CH/v2.0/cda-ch.sch
- schematrons/eHealthSuisse/eMedication/v1.0/cda-ch-emed-dis.ch
- schematrons/eHealthSuisse/eMedication/v1.0/cda-ch-emed-mtp.ch
- schematrons/eHealthSuisse/eMedication/v1.0/cda-ch-emed-padv.ch
- schematrons/eHealthSuisse/eMedication/v1.0/cda-ch-emed-pml.ch
- schematrons/eHealthSuisse/eMedication/v1.0/cda-ch-emed-pre.ch

8 Validation, technologies et outils

Ce domaine thématique a été déplacé dans un document séparé à des fins de réutilisation dans différents formats d'échange basés sur CDA-CH. Se référer ici au Whitepaper [CDA-CH - Validation, technologies et outils](#).

En outre, la spécification [CDA-CH-II \(2011\)](#) contient un didacticiel Schematron et des informations sur les meilleures pratiques.

Note: Bien que le CDA-CH-II (2011) soit aboli avec l'approbation de CDA-CH V2 (2017), la lecture vaut la peine:

- Chapitre "8 Tutoriel Schematron"
- Chapitre "9 Les meilleures pratiques Schematron"

8.1 Document d'exemple et règles schematron

Des exemples de documents et des règles Schematron peuvent être consultés en cliquant sur les liens suivants dans l'Open Source Repository du groupe d'utilisateurs HL7 Suisse (HL7 Benutzergruppe Schweiz) :

- [règles schematron](#)
 - Exemples de documents :
 - Exemple de cas CDA-CH V2 « Prothèse de la hanche »
 - [Allemand](#)
 - [Français](#)
 - CDA-CH V2 Best practices
 - [Anglais](#)
 - [Autres exemples de documents](#)
- Remarque : ils sont basés en partie sur CDA-CH V1.2 (2009) ou CDA-CH-II (2011) et n'ont pas fait l'objet d'une migration complète vers CDA-CH V2 (2017).

9 Annexe

9.1 Licences

SNOMED Clinical Terms® (SNOMED CT®)

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Logical Observation Identifiers Names and Codes LOINC

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9.2 Remarques

1. HL7 Interoperability Work Group. Coming To Terms - Scoping Interoperability for Health Care. 2007; Voir: <http://www.hln.com/assets/pdf/Coming-to-Terms-February-2007.pdf>
2. [Loi fédérale sur le dossier électronique du patient](#)
3. [Loi fédérale sur la lutte contre les maladies transmissibles de l'homme \(Loi sur les épidémies\)](#)
4. [Loi fédérale sur l'assurance-invalidité](#)
5. [Loi fédérale sur l'assurance-vieillesse et survivants](#)
6. [Loi fédérale sur l'assurance-maladie](#)
7. la [Centrale de compensation \(CdC\)](#)

9.3 Documents référencés

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

9.4 Sommaire des illustrations

1. Rapport à d'autres normes - Pyramide de référence
2. Workflow documentaire pour l'exemple de cas « prothèse de la hanche »
3. Communication vs contenu
4. Reproduction de la version originale au moyen d'un document PDF/A intégré dans le corps CDA
5. Formats PDF/A
6. Contenu d'un document CDA
7. Données administratives dans l'en-tête CDA (header)
8. Acteurs share content selon IHE
9. Acteurs et transactions share content (concret pour XDS)
10. Acteurs et transactions share content (concret pour XDR)
11. Acteurs et transactions share content (concret pour XDM)

9.5 Sommaire des tableaux

1. Liste d'exemples des documents médicaux
2. Notations au document
3. Mapping eCH-0011 maritalStatus - état civil
4. Mapping eCH-0011 religion – appartenance religieuse