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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 (DEP).

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 **Resumé**

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 (2020) 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 V2.1 2020 (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 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 Validation, technologies et outils. Une description des cas d'application est proposée au chapitre 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 suivante

^[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 V2.1 2020 (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 Mécanisme de transport des recommandations pour la mise en œuvre là où elles sont judicieuses.

Le chapitre 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 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 V2.1 2020 (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 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 V2.1 2020 (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.

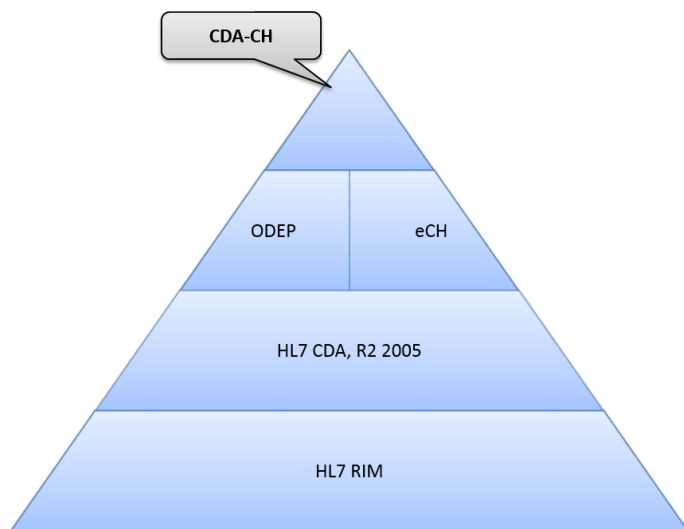
Dans cette spécification, le codage des différentes informations se base sur des domaines de valeurs (value sets) définis et des terminologies qui définissent les codes acceptés.

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 domaine de la 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 États-Unis ; l'Europe et l'Asie ont suivi peu après. IHE Suisse a été fondé en 2010.

Les documents élaborés sur la base des profils de contenu IHE (content profiles) peuvent être classés dans l'architecture IHE Cross-enterprise Document Sharing (XDS.b), être envoyés à un destinataire conformément à l'IHE Cross-Enterprise Document Reliable Interchange (XDR) ou, comme prescrit par l'IHE Cross-Enterprise Document Media Interchange (XDM), être inscrits sur un support, qui permet ensuite de les lire. Ce profil d'intégration IHE XDS.b est d'ailleurs le fondement du dossier patient électronique distribué (EPD) en Suisse.

Les profils de contenu IHE référencés dans le présent format d'échange reposent 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 États-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 faîtière 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 3^e 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 du présent guide d'implémentation également.

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 présente. Certains de ces cas d'application ne sont possibles que si toutes les informations pertinentes sont interopérables et peuvent 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 diagnostique 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.



Contexte DEP: Le patient donne à son médecin de famille l'autorisation d'accès à son DEP. Avant la visite du patient, le médecin de famille recherche les dernières radiographies (*catégorie de document, date d'établissement, type d'établissement facultatif*).

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.

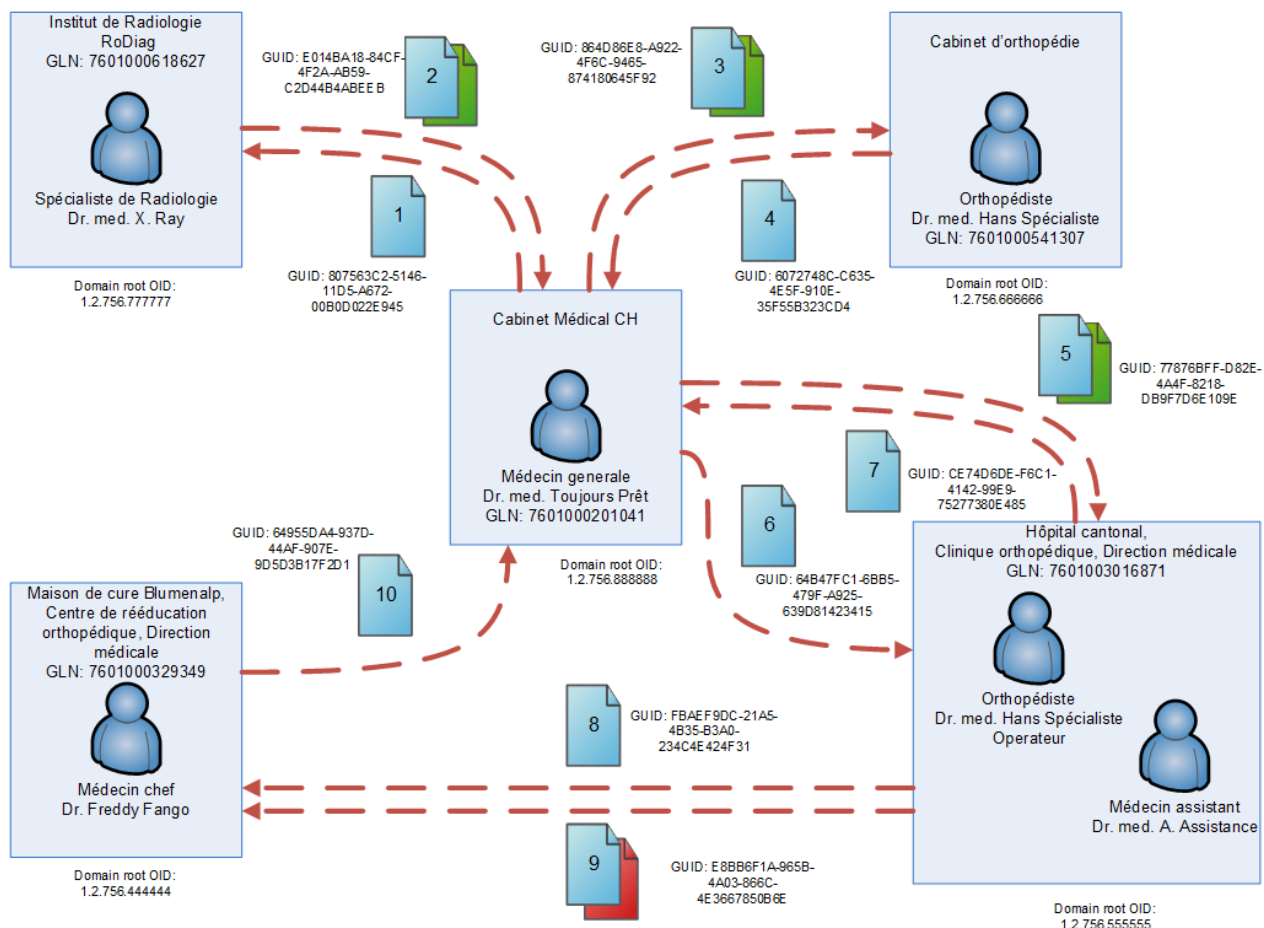
Peu avant son entrée à l'hôpital, le patient a rendez-vous avec son médecin de famille afin de procéder aux analyses de laboratoire nécessaires avant l'opération. Le médecin de famille transmet les valeurs de laboratoire à la clinique où elles sont enregistrées dans le dossier électronique du patient.

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 radiographies 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 examen 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 :

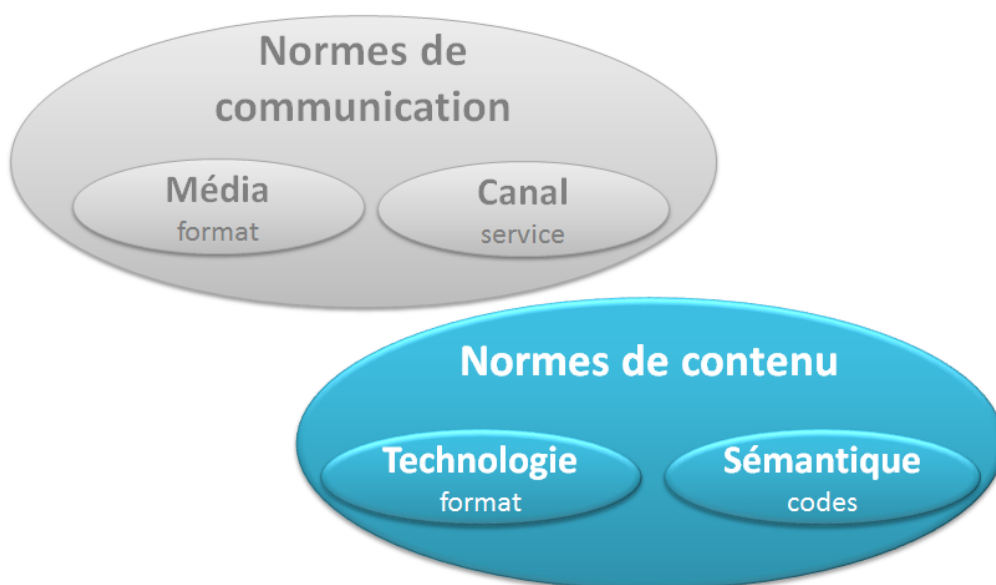
- Papier/PDF: [CDA-CH V1.2 \(2009\)](#). Cf. chapitre « 12.7.10 Rapport de sortie de la clinique de rééducation »
- Électronique: [10-Rapport de sortie de la clinique de rééducation.xml](#)

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 practices ». Elles ne sont pas normatives et, de ce fait, ne sont pas non plus 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. Lors de 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).

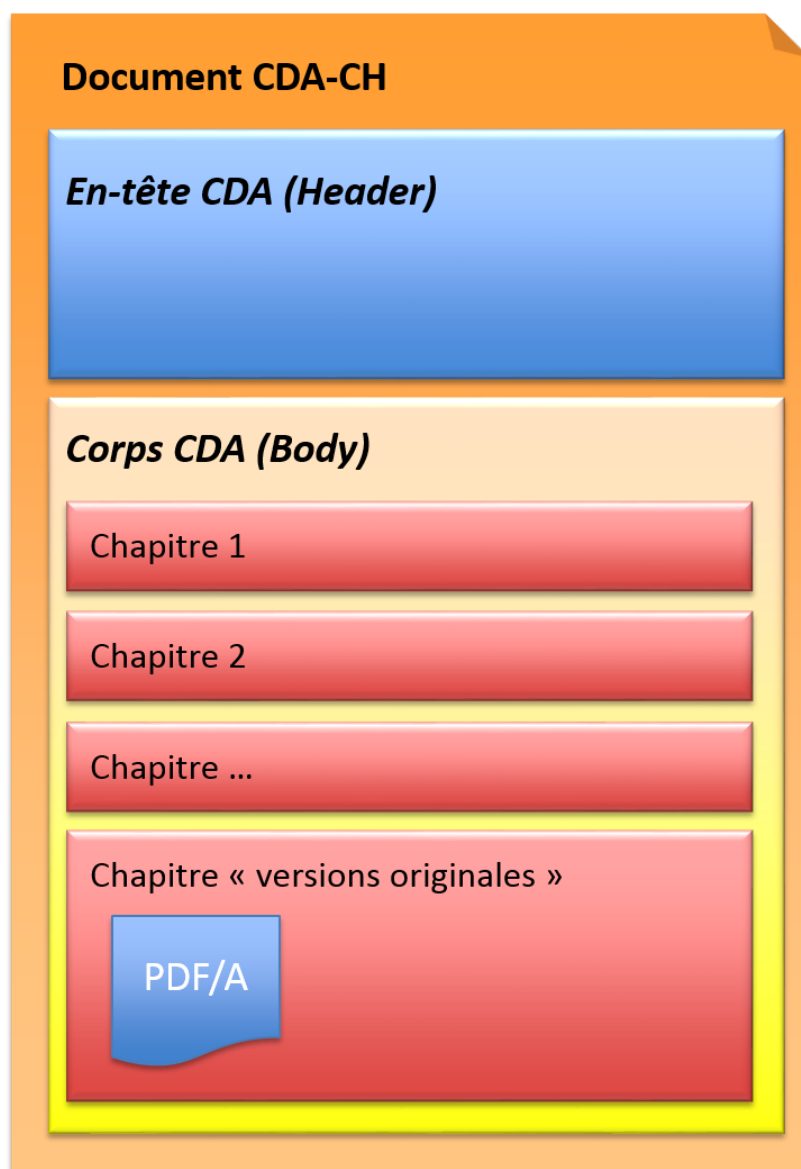
La responsabilité d'une utilisation correcte des informations de santé dans un document CDA ne peut donc être assumée exclusivement par l'expéditeur (auteur/signataire), le destinataire doit également porter sa part de responsabilité. Le signataire légal d'un document CDA ne peut en aucun cas être tenu 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

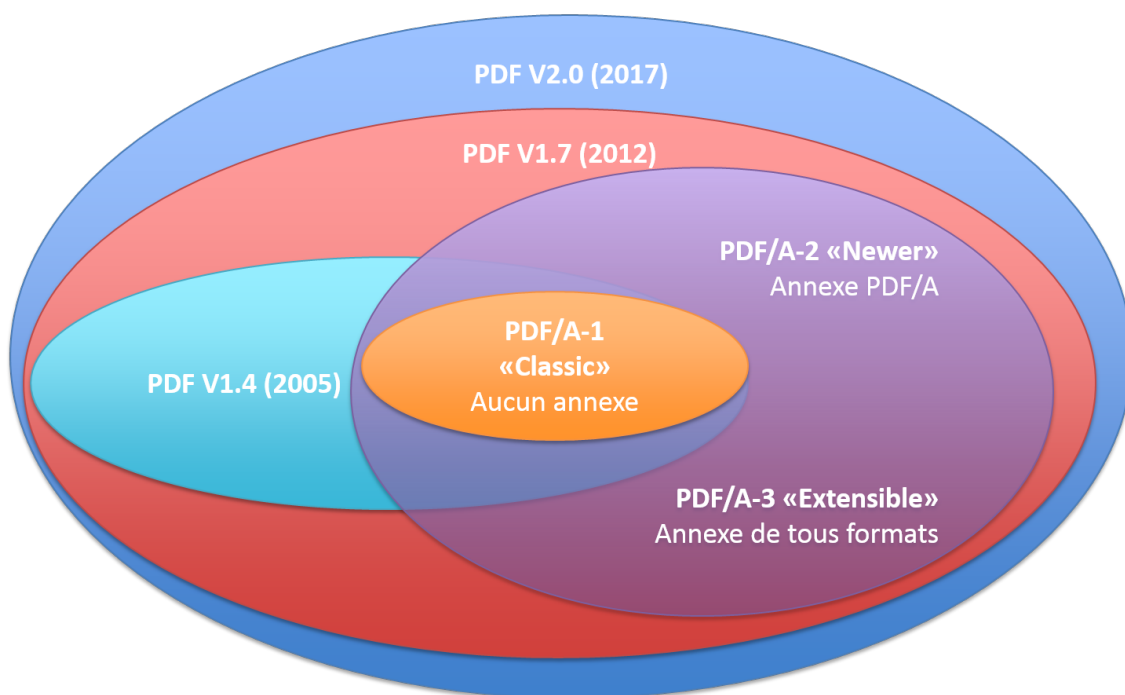
- Dans un document CDA, il convient, si l'auteur du document le considère comme important ou lorsque cela est nécessaire dans un cas d'application précis, de reproduire la version originale du document telle que le signataire légal l'a vue au moment de signer. Le créateur d'un document au format CDA-CH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

posants 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], LAMal^[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 LAMal, 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 recom-

mandé.

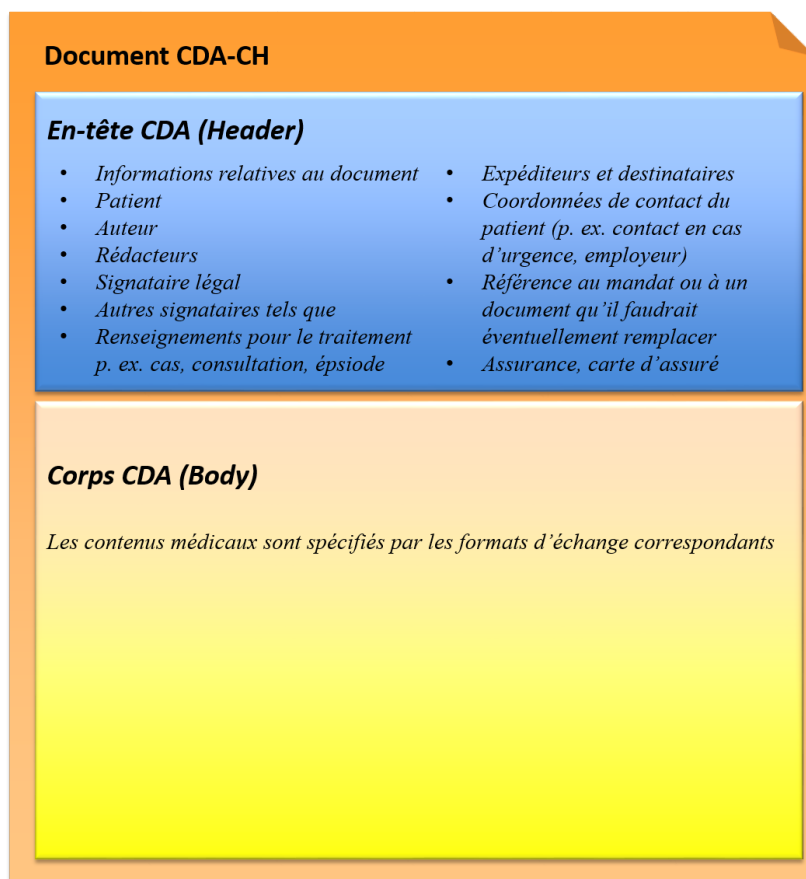
Les identifiants suivants pour les professionnels de la santé et les institutions de soins ne doivent pas être utilisés dans les documents CDA-CH V2 :

- 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 :



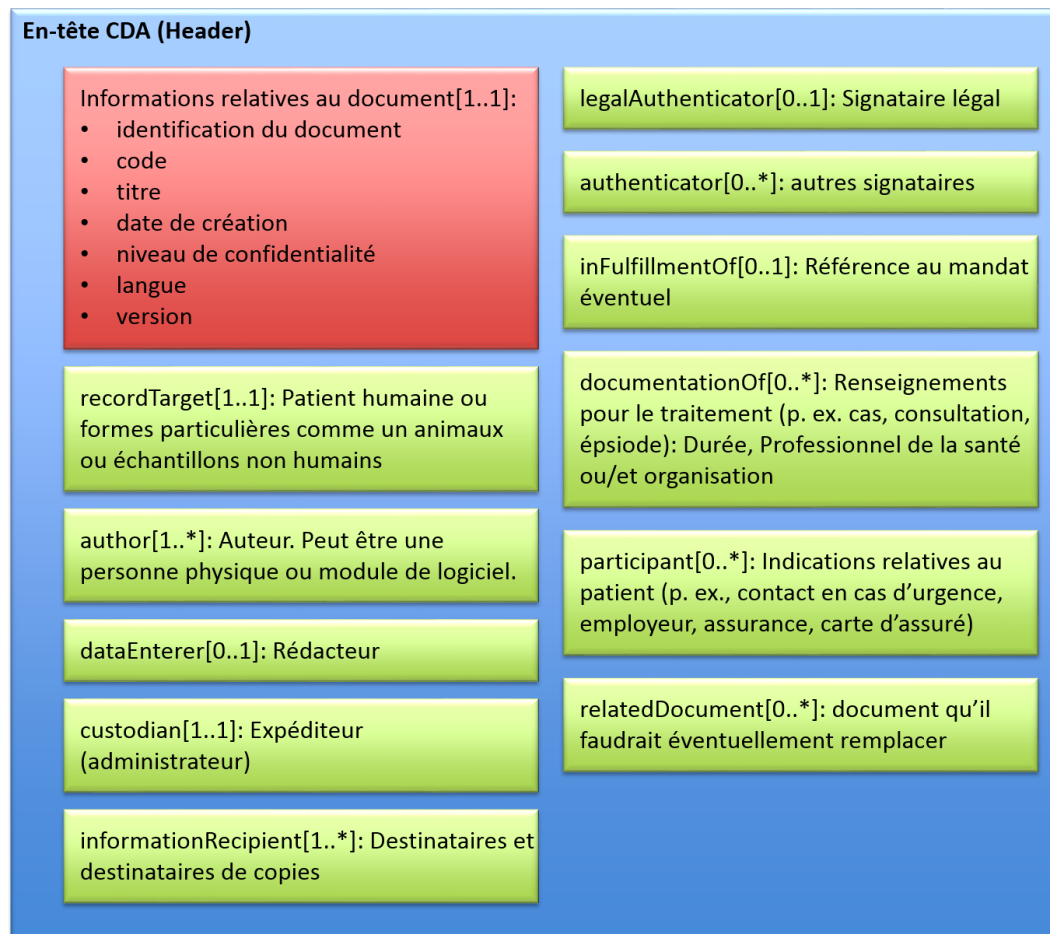
[Illustration 6] Contenu d'un document CDA

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 V2.1 2020 (specification)/fr comme modèle HL7 CDA, qui détermine des précisions propres à la Suisse 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	NON AUTORISÉ	L'élément DOIT être indiqué avec une « véritable » valeur correcte.
	1..*		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, 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 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

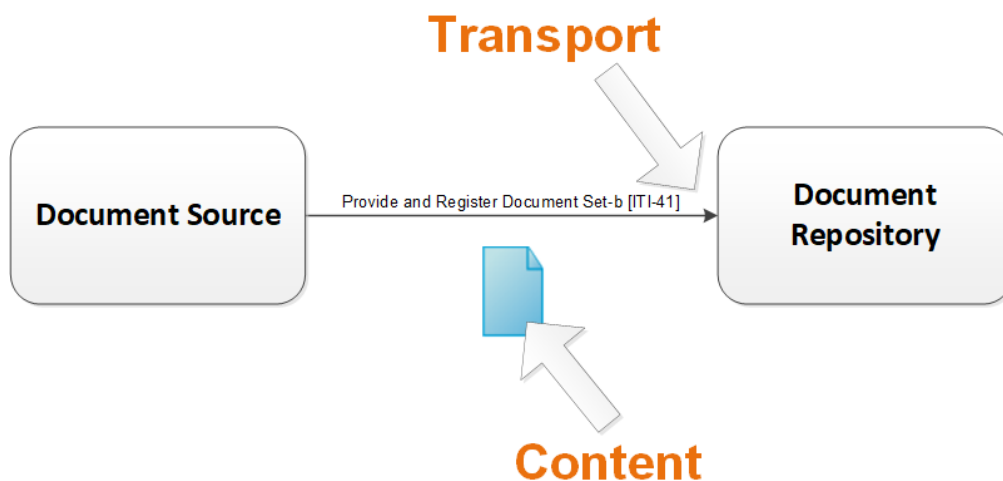
Le graphique suivant montre les acteurs et transactions IHE qui peuvent être combinés avec la présente spécification. Il souligne ainsi que les acteurs impliqués peuvent élaborer, échanger et modifier un document sur la base de CDA-CH.



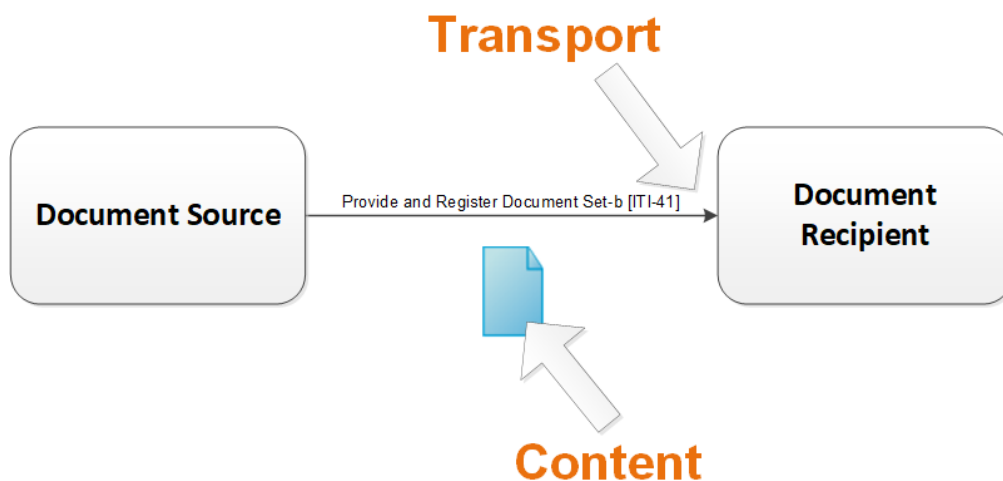
[Illustration 8] *Acteurs share content selon IHE*

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 :

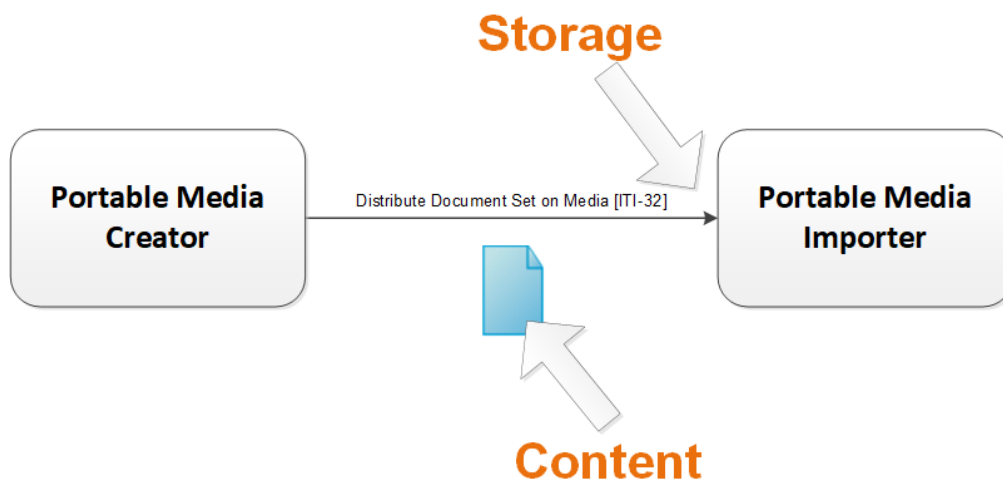


[Illustration 9] *Acteurs et transactions share content (concret pour XDS)*



[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 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 v2.1 - structuredBody

Id	2.16.756.5.30.1.1.10.1.9 ref hl7chcda-	Effective Date	2019-10-17 15:22:41 Other versions this id: ☐ CDA-CHv2.0-structuredBody as of 2018-04-18	
Status	● Active	Version Label	2020	
Name	CDA-CHv2.0-structuredBody	Display Name	CDA-CH v2.1 - 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)			
Uses	Uses 6 templates			
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.2.25	Include ●	Document Realm (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.2.18	Include ●	Document Template Ids CDA-CH v2.0 - structuredBody (2020)	DYNAMIC
	2.16.756.5.30.1.1.10.9.36	Include ●	CDA-CH v2.0 Header Template Compilation (2017)	DYNAMIC
	2.16.840.1.113883.10.12.201	Include ●	CDA Section	DYNAMIC
	2.16.756.5.30.1.1.10.3.2	Include ●	Remarks Section - coded (2017)	DYNAMIC
	2.16.756.5.30.1.1.10.3.45	Include ●	Original Representation Section - coded (2017)	DYNAMIC
Relationship	Version: template 2.16.756.5.30.1.1.10.1.9 <i>CDA-CH v2.0 - structuredBody</i> (2018-04-18) ref hl7chcda- Specialization: template 2.16.840.1.113883.10.12.2 <i>CDA ClinicalDocument (with StructuredBody)</i> (2005-09-07) ref ad1bbr-			

Example	Example <pre> <!-- 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> </pre>
---------	--

Item	DT	Card	Conf	Description
hl7:ClinicalDocument		1 ... 1	M	This document template is used as the primary base for CDA-CH exchange formats. It specifies usage of CDA header templates and optional two sections comment / orginial representation. 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 telephone number after the actual connection has been established over the public telephone network. Examples: <pre><telecom value="tel:+41.33.123.45.67"/></pre> <pre><telecom value="tel:+1.987.654.3210-999"/></pre>
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.25 <i>Document Realm</i> (DYNAMIC)
 h17:realmCode	CS	1 ... 1	M	Swiss Realm (CHE) of HL7 CDA.
 @code	CONF	1 ... 1	F	CHE
 h17:typeId	II	1 ... 1	M	HL7 CDA R2, 2005
 @root	uid	1 ... 1	F	2.16.840.1.113883.1.3
 @extension	st	1 ... 1	F	POCD_HD000040
Included				from 2.16.756.5.30.1.1.10.2.18 <i>Document Template Ids CDA-CH v2.0 - structuredBody</i> (DYNAMIC)
 h17:templateId	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4
 h17:templateId	II	1 ... 1	M	CDA-CH v2.0 structuredBody
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.1.9
 h17:templateId	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.

 @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.2
 h17:templateId	II	1 ... 1	M	HL7 CDA R2 (2005).
 @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.1
Included				from 2.16.756.5.30.1.1.10.9.36 CDA-CH v2.0 Header Template Compilation (DYNAMIC)
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.23 Document Id (DYNAMIC)
 h17:id	II	1 ... 1	M	A unique identifier for each CDA document instance.
 cdachemed-dataelement-141  Identification number of the document  Dataset 1  cdachemed-dataelement-63  Identification number of the document  Dataset 1  cdachemed-dataelement-139  Identification number of the document  Dataset 1  cdachemed-dataelement-140  Identification number of the document  Dataset 1  cdachemed-dataelement-76  Identification number of the document  Dataset 1  cdachemed-dataelement-24  Identification number of the document  Dataset 1  hl7chcda-dataelement-217  Identification number of the document  CDA-CH V2 2017				
 @root	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).
 @extension	st	0	NP	NP/not present
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 Document Code (DYNAMIC)
 h17:code	CE	1 ... 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EL XDS.b metadata.
 @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.
 @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1

└ @codeSystemName	st	1 ... 1	F	LOINC
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.
└ h17:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.
hl7chcda-dataelement-218 Document type CDA-CH V2 2017				
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.
└ @codeSystem	oid	1 ... 1	R	
└ @codeSystemName	st	1 ... 1	R	
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>DocumentEntry.typeCode</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.
└ 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.
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.
cdachemed-dataelement-125 Confidentiality level Dataset 1 cdachemed-dataelement-126 Confidentiality level Dataset 1 cdachemed-dataelement-29 Confidentiality level Dataset 1 cdachemed-dataelement-124 Confidentiality level Dataset 1 cdachemed-dataelement-81 Confidentiality level Dataset 1 cdachemed-dataelement-68 Confidentiality level Dataset 1				

	hl7chcda-dataelement-222	Confidentiality level	CDA-CH V2 2017		
@code	cs	1 ... 1	R	The value of @code MUST be drawn from value set DocumentEntry.confidentialityCode	
@codeSystem	oid	1 ... 1	R		
@codeSystemName	st	1 ... 1	R		
@displayName	st	1 ... 1	R	The value of @displayName MUST be drawn from value set DocumentEntry.confidentialityCode	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 DocumentEntry.confidentialityCode			
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.22 Document Language (DYNAMIC)	
hl7:languageCode	CS	1 ... 1	M	The RFC5646 based language in which the narrative texts in this CDA document instance are written	
	cdachemed-dataelement-26			Language of the document	Dataset 1
	cdachemed-dataelement-135			Language of the document	Dataset 1
	cdachemed-dataelement-134			Language of the document	Dataset 1
	cdachemed-dataelement-65			Language of the document	Dataset 1
	cdachemed-dataelement-78			Language of the document	Dataset 1
	cdachemed-dataelement-133			Language of the document	Dataset 1
	hl7chcda-dataelement-219			Language of the document	CDA-CH V2 2017
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 HumanLanguage (DYNAMIC)			
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.	
	cdachemed-dataelement-118			Set ID	Dataset 1
	cdachemed-dataelement-70			Set ID	Dataset 1

				cdachemed-dataelement-119	Set ID	Dataset 1
				cdachemed-dataelement-120	Set ID	Dataset 1
				cdachemed-dataelement-83	Set ID	Dataset 1
				cdachemed-dataelement-41	Set ID	Dataset 1
└ @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. In later versions, the version number MUST be increased by 1 each.		
				cdachemed-dataelement-121	Version	Dataset 1
				cdachemed-dataelement-122	Version	Dataset 1
				cdachemed-dataelement-82	Version	Dataset 1
				cdachemed-dataelement-69	Version	Dataset 1
				cdachemed-dataelement-30	Version	Dataset 1
				cdachemed-dataelement-123	Version	Dataset 1
				hl7chcda-dataelement-223	Version	CDA-CH V2 2017
Included		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.1 Patient - recordTarget (DYNAMIC)		
				A human patient for whom this CDA document instance was created.		
└ hl7:recordTarget		1 ... 1	R	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 the 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 code 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	
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1
└─ hl7:patientRole		1 ... 1	R	
└─ hl7:id	II	1 ... *	R	The patient's id.
 cdachemed-dataelement-13  Identification number  Dataset 1				

	hl7chcda-dataelement-162	personIdentification	CDA-CH V2 2017	
	hl7chcda-dataelement-228	Identification number	CDA-CH V2 2017	
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public ON REQUIRED. Others are NOT ALLOWED.
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.
└ hl7:addr	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)
	cdachemed-dataelement-14	Address (es)	Dataset 1	
	hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017	
	hl7chcda-dataelement-229	Address (es)	CDA-CH V2 2017	
└ hl7:telecom	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).
└ hl7:patient		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.34 Person Name Information Compilation - eCH-0011 (DYNAMIC)
	cdachemed-dataelement-9	Names	Dataset 1	
	cdachemed-dataelement-5	Patient/Patientin	Dataset 1	
	cdachemed-dataelement-10	First names	Dataset 1	
└ hl7:administrativeGenderCode	CE	1 ... 1	R	The patient's gender
	cdachemed-dataelement-12	Gender	Dataset 1	
	hl7chcda-dataelement-227	Gender	CDA-CH V2 2017	
	hl7chcda-dataelement-183	sex	CDA-CH V2 2017	
└ @code	cs	1 ... 1	R	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.5.1

└ @codeSystemName	st	1 ... 1	F	HL7 AdministrativeGender
└ @displayName	st	1 ... 1	R	

└ hl7:birthTime	TS.CH.TZ	1 ... 1	R	The patient's birthdate.
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🕒 cdachemed-dataelement-11	🟡 Date of birth	🟡 Dataset 1
hl7chcda-dataelement-181	🟡 dateOfBirth	🟡 CDA-CH V2 2017
hl7chcda-dataelement-226	🟡 Date of birth	🟡 CDA-CH V2 2017

└ hl7:maritalStatusCode	CE	0 ... 1		The patient's marital status.
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🕒 hl7chcda-dataelement-186	🟡 maritalStatus	🟡 CDA-CH V2 2017
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└ @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)
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└ hl7:translation		0 ... *		A translation of the code to another coding system
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└ @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.
	hl7chcda-dataelement-184	religion		CDA-CH V2 2017
@nullFlavor	CS	0 ... 1	F	NAV
@code	CS	0 ... 1		
@codeSystem	oid	0 ... 1		
@codeSystemName	st	0 ... 1		
@displayName	st	0 ... 1		
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured information of this text element MUST contain the reference to the corresponding text in the human readable part, ON
hl7:originalText	ED	0 ... 1	C	
hl7:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference 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 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 corre-		

					sponds to '<value-of select="\$idvalue"/>').
				role	error
	Schematron assert			test	parent::*/text()=ancestor::hl7:structuredBody/*[@ID=\$idvalue]/text()
				Message	The originalText content MUST be identical to the narrative text for this reference.
				role	error
	Schematron assert			test	(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)
				Message	Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.
└─ hl7:guardian			0 ... *		The patient's guardian.
└─ hl7:id	II		0 ... *		The guardian's id.
└─ @root	uid		1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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.
└─ @nullFlavor	cs		0 ... 1		
└─ @code	cs		0 ... 1		
└─ @codeSystem	oid		0 ... 1	F	2.16.840.1.113883.5.111
└─ @codeSystemName	st		0 ... 1	F	HL7RoleCode
└─ @displayName	st		0 ... 1		
				role	error
	Schematron assert			test	(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))

		Message	Either nullFlavor or a valid code is required.	
└ h17:addr	AD	0 ... *		The guardian's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)
	 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017			
└ h17:telecom	TEL	0 ... *		The guardian's means of communication (phone, eMail, ...).
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)
	└ 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)
└ 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)
└ h17:birthplace		0 ... 1		The patient's birthplace.
	 hl7chcda-dataelement-182  placeOfBirth  CDA-CH V2 2017			
└ h17:place		1 ... 1		
└ h17:name	EN	0 ... 1		The patient's birthplace name.
└ 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)
└ h17:languageCommunication		0 ... *		The patient's language skills.
└ h17:languageCode	CS	1 ... 1		

	 hl7chcda-dataelement-164				 languageOfCorrespondance	 CDA-CH V2 2017
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)				
└ hl7:modeCode	CE	0 ... 1				
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbilityMode</i> (DYNAMIC)				
└ hl7:proficiencyLevelCode	CE	0 ... 1				
	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.		
└ 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)		
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.		
	 cdachemed-dataelement-2				 Autorin/Autor	 Dataset 1
└ hl7:templateId	II	1 ... 1	M			
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23		
└ hl7:functionCode	CE	0 ... 1				
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 <i>ParticipationFunction</i> (DYNAMIC)				
└ hl7:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.		
	 cdachemed-dataelement-117				 Timestamp Authorship	 Dataset 1

	cdachemed-dataelement-84 Timestamp Authorship Dataset 1 cdachemed-dataelement-115 Timestamp Authorship Dataset 1 cdachemed-dataelement-42 Timestamp Authorship Dataset 1 cdachemed-dataelement-116 Timestamp Authorship Dataset 1 cdachemed-dataelement-71 Timestamp Authorship Dataset 1 cdachemed-dataelement-108 Abgabedatum * (Medication Dispense) in section.author.time Dataset 1			
└─ hl7:assignedAuthor		1 ... 1	R	
	Schematron assert	role	error	
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)	
		Message	For device authors the element representedOrganization is REQUIRED.	
└─ hl7:id	II	1 ... 1	R	The specification of GS1 GLN is REQUIRED. If it is not (yet) known, this MUST be declared using nullFlavor. For persons: their personal GLN MUST be declared. For devices or software modules: the GLN of their organization MUST be declared.
	cdachemed-dataelement-7 Identifier Dataset 1 hl7chcda-dataelement-233 Identifier CDA-CH V2 2017 hl7chcda-dataelement-162 personIdentification CDA-CH V2 2017			
└─ @nullFlavor	cs	0 ... 1	F	NAV
				Temporarily unknown, will be filled later.
└─ @root	cs	0 ... 1	F	2.51.1.3
				OID for GS1 GLN.
└─ @extension	st	0 ... 1		The GS1 GLN.
	Schematron assert	role	error	

		test		(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')
		Message		Either the GS1 GLN or nullFlavor='NAV' is REQUIRED
└─ hl7:id	II	0 ... *		Other ids are allowed.
		hl7chcda-dataelement-162	personIdentification	CDA-CH V2 2017
└─ @root	cs	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public O 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)
└─ hl7:telecom	TEL	0 ... *		The author's means of communication (phone, eMail, ...).
Choice		1 ... 1		Elements to choose from: - hl7:assignedPerson containing template 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information eCH-0011</i> (DYNAMIC) - hl7:assignedAuthoringDevice containing template 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation</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)
		cdachemed-dataelement-3	Name	Dataset 1
		cdachemed-dataelement-6	First names	Dataset 1
└─ hl7:assignedAuthoringDevice		0 ... 1		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)
└─ 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)
		cdachemed-dataelement-8	Health facility	Dataset 1
		hl7chcda-dataelement-234	Health facility	CDA-CH V2 2017

Included		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.
└─ hl7:templateId	II	1 ... 1	M	
└─ @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.
└─ hl7:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)
Included		0 ... *		from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)
└─ hl7:informant		0 ... *		
└─ @typeCode		0 ... 1	F	INF
└─ @contextControlCode		0 ... 1	F	OP
				Elements to choose from:
Choice		1 ... 1		- 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)
└─ hl7:relatedEntity				Contains 2.16.840.1.113883.10.12.316 <i>CDA RelatedEntity</i> (DYNAMIC)
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's name, not a letter).
└─ hl7:templateId	II	1 ... 1	M	

└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.3
└ hl7:assignedCustodian		1 ... 1	R	
└ hl7:representedCustodianOrganization		1 ... 1	R	
	cdachemed-dataelement-112 cdachemed-dataelement-85 cdachemed-dataelement-72 cdachemed-dataelement-113 cdachemed-dataelement-114 cdachemed-dataelement-43 Custodian Custodian Custodian Custodian Custodian Custodian Dataset 1 Dataset 1 Dataset 1 Dataset 1 Dataset 1 Dataset 1			
└ hl7:id	II	1 ... *	M	The custodian's id.
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public O 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.
	hl7chcda-dataelement-73 organisationName CDA-CH V2 2017			
└ hl7:telecom	TEL	0 ... 1		The custodian's means of communication (phone, eMail, ...).
└ hl7:addr	AD	0 ... 1		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)
	hl7chcda-dataelement-77 addressInformation CDA-CH V2 2017			
Included		1 ... *	M	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)

hl7: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).
@typeCode	cs	0 ... 1		The main recipient of the document is indicated by typeCode 'PRCP' (primary recipient). This is the value used when the attribute is not present. Other recipients (copy to; Cc) are indicated with typeCode, TRC '(secondary recipient). Note: Since it makes no sense to create a CDA document without doing it for someone, in Switzerland at least one recipient MUST be declared. If the document is created for the user's own needs, the user itself or its organization will be the primary recipient.
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19366 x_InformationRecipient (DYNAMIC)		
hl7:templateId	II	1 ... 1	M	
@root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4
hl7:intendedRecipient		1 ... 1	R	
hl7:id	II	0 ... *	R	The recipient's identification(s).
hl7chcda-dataelement-238 Identifier CDA-CH V2 2017				
@root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OIDs registry, are REQUIRED. Others are NOT ALLOWED.
@extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
hl7:addr	AD	0 ... *		The recipient's address(es). Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)

		hl7chcda-dataelement-47		addressInformation		CDA-CH V2 2017	
└ hl7:telecom	TEL	0 ... *		The recipient's means of communication (phone, eMail, ...).			
└ 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)			
└ 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)			
		hl7chcda-dataelement-239		Health facility		CDA-CH V2 2017	
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.			
└ hl7:templateId	II	1 ... 1	M				
└ @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.			
└ hl7:signatureCode	CS	1 ... 1	R				
└ @code	cs	1 ... 1	F	S			
└ @codeSystem	oid	0	NP	NP/not present			
└ @codeSystemName	st	0	NP	NP/not present			
└ @displayName	st	0	NP	NP/not present			
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)					
└ hl7:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)			

Included		0 ... *		from 2.16.756.5.30.1.1.10.2.6 Authenticator (DYNAMIC)
└─ hl7:authenticator		0 ... *		Information about an authenticator of a CDA document. An authenticator MUST be a person.
└─ hl7:templateId	II	1 ... 1	M	
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.6
└─ hl7:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.
└─ hl7:signatureCode	CS	1 ... 1	R	
└─ @code	cs	1 ... 1	F	S
└─ @codeSystem	oid	0	NP	NP/not present
└─ @codeSystemName	st	0	NP	NP/not present
└─ @displayName	st	0	NP	NP/not present
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 ParticipationSignature (DYNAMIC)		
└─ hl7:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 Assigned Entity Compilation with id (DYNAMIC)
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.40 Employer - participant (DYNAMIC)
└─ hl7:participant		0 ... *		Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.
└─ @typeCode	cs	1 ... 1	F	IND
└─ hl7:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model of Employer.
└─ @root	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.
└─ @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.
└─ @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.
└─ hl7:low	TS.CH.TZ	1 ... 1	R	Start of the contract.
└─ hl7:high	TS.CH.TZ	1 ... 1	R	End of the contract.
└─ hl7:associatedEntity		1 ... 1	R	
└─ @classCode	CS	1 ... 1	F	CON
└─ hl7:id	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).
└─ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public O 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	
└─ @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 Code</i> (MIC)		
└ 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)
└ 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)
Included		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.
└ @typeCode	cs	1 ... 1	F	COV
└ hl7:templateId	II	1 ... 1	M	
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.15
└ hl7:time	IVL_TS.CH.TZ	0 ... 1		Validity period of the contract.
└ hl7:low	TS.CH.TZ	1 ... 1	R	Start of the contract.
└ hl7:high	TS.CH.TZ	1 ... 1	R	End of the contract.
└ hl7:associatedEntity		1 ... 1	R	
└ @classCode	cs	1 ... 1	F	PAYOR
└ hl7:id	II	1 ... 1	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public O REQUIRED. Others are NOT ALLOWED.

└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.
└ h17:code	CE	1 ... 1	R	The underlying law for the contract.
└ @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 Invalidity Insurance (Insurance Policies Act, IPA), Federal Act on Military Insurance (MIIA), Federal Act on Invalidity Insurance (Federal Act on Invalidity Insurance)
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.
└ h17: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)
└ h17: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)
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)
└ h17:participant		0 ... *		Information on a patient's insurance card.
└ @typeCode	CS	1 ... 1	F	HLD
└ h17:templateId	II	1 ... 1	M	
└ @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.
└─ hl7:low	TS.CH.TZ	1 ... 1		
└─ @nullFlavor	CS	1 ... 1	F	NASK
└─ hl7:high	TS.CH.TZ	1 ... 1	R	Expiration date of the insurance card.
└─ hl7:associatedEntity		1 ... 1	R	
└─ @classCode	CS	1 ... 1	F	POLHOLD
└─ hl7:id	II	1 ... 1	R	The insurance card's id.
└─ @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)
└─ 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)
Included		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.
└─ @typeCode	CS	1 ... 1	F	IND
└─ hl7:templateId	II	1 ... 1	M	
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.43
└─ hl7:templateId	II	1 ... 1	M	

└─ @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.
└─ h17:low	TS.CH.TZ	1 ... 1	R	Start of participation.
└─ h17:high	TS.CH.TZ	1 ... 1	R	End of participation.
└─ h17:associatedEntity		1 ... 1	R	Either the contact person or the contact's organization SHALL be present.
└─ @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.
└─ @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 contact's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)

		hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017
└─ hl7:telecom	TEL	0 ... *		The contact's means of communication (phone, eMail, ...).
└─ hl7: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)
└─ hl7: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)
Included	Schematron assert	role	error	
		test	@classCode=('AGNT','CAREGIVER','ECON','NOK','PRS')	
		Message	The classCode attribute shall be present, and contains a value from the set AGNT, CAREGIVER, ECON, NOK, or PRS to identify contacts that are agents of the patient, care givers, emergency contacts, next of kin or other relations respectively.	
			0 ... *	from 2.16.756.5.30.1.1.10.2.16 <i>Order Reference - inFulfillmentOf</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.
└─ hl7:templateId	II	1 ... 1	M	
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16
└─ hl7:order		1 ... 1	R	
└─ 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.

└ @typeCode	CS	1 ... 1	F	DOC
└ hl7:templateId	II	1 ... 1	M	
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46
└ hl7:serviceEvent		1 ... 1	R	
└ @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.
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public O REQUIRED. Others are NOT ALLOWED.
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.
└ hl7:code	CE	1 ... 1	R	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.
└ @nullFlavor	st	1 ... 1	F	NAV
└ @code	CS	0	NP	NP/not present
└ @codeSystem	oid	0	NP	NP/not present
└ @codeSystemName	st	0	NP	NP/not present
└ @displayName	st	0	NP	NP/not present
└ hl7:translation		0 ... *		A translation of the code to another coding system.

└ @code	cs	1 ... 1	R	
└ @codeSystem	oid	1 ... 1	R	
└ @codeSystemName	st	1 ... 1	R	
└ @displayName	st	1 ... 1	R	
└ hl7:effectiveTime	IVL_TS.CH.TZ	1 ... 1	R	Duration of the health service.
└ hl7:low	TS.CH.TZ	1 ... 1	R	Start of the health service.
└ hl7:high	TS.CH.TZ	1 ... 1	R	End of the health service.
Included		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.
└ @typeCode	cs	1 ... 1	F	PRF
└ hl7:templateId	II	1 ... 1	M	
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.31
└ hl7:templateId		1 ... 1	R	
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5
└ hl7:templateId		1 ... 1	R	
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.323
└ hl7:time	IVL_TS.CH.TZ	0 ... 1		Duration of the performance.

└ h17:low	TS.CH.TZ	1 ... 1	R	Start of the performance.
└ h17:high	TS.CH.TZ	1 ... 1	R	End of the performance.
└ 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, pers</i> and organization (DYNAMIC)
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.13 <i>Document Replacement - relatedDocument</i> (DYNAMIC)
└ h17:relatedDocument		0 ... *		Relationship to another CDA-CH V2 based document that is replaced by the current one. 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.
└ @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	
└ @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.

└─ hl7:id	II	1 ... 1	M	The id of the document to be replaced MUST be declared.
└─ @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.
└─ @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 replaced document.
	Schematron assert	role	error	
		test		(@root=/hl7:ClinicalDocument/hl7:setId/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:setId/@extension)
		Message		ClinicalDocument/setId: MUST be identical to the one of the replaced document
└─ hl7:versionNumber	INT	1 ... 1	M	The version number of the document to be replaced.
	Schematron assert	role	error	
		test		/hl7:ClinicalDocument/hl7:versionNumber/@value > @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 ... *		
└─ @typeCode		0 ... 1	F	AUTH
└─ hl7:consent		1 ... 1		
└─ @classCode		0 ... 1	F	CONS
└─ @moodCode		0 ... 1	F	EVN

└─ hl7:id	II	0 ... *		
└─ hl7:code	CE	0 ... 1		
	CONF	shall be drawn from concept domain "ActCode"		
└─ hl7:statusCode	CS	1 ... 1	R	
└─ @code	CONF	0 ... 1	F	completed
Included		0 ... 1		from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)
└─ hl7:componentOf		0 ... 1		
└─ @typeCode		0 ... 1	F	COMP
└─ hl7:encompassingEncounter		1 ... 1		
└─ @classCode		0 ... 1	F	ENC
└─ @moodCode		0 ... 1	F	EVN
└─ hl7:id	II	0 ... *		
└─ hl7:code	CE	0 ... 1		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.13955 ActEncounterCode (DYNAMIC)		
└─ hl7:effectiveTime	IVL_TS	1 ... 1	R	
└─ hl7:dischargeDispositionCode	CE	0 ... 1		
	CONF	shall be drawn from concept domain "EncounterDischargeDisposition"		

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

└─ hl7:structuredBody		1 ... 1	R	
└─ hl7:component		1 ... *	R	
Choice Elements to choose from: - hl7:section included from template 2.16.840.1.113883.10.12.201 <i>CDA Section</i> (DYNAMIC) - hl7:section included from template 2.16.756.5.30.1.1.10.3.2 <i>Remarks Section - coded</i> (DYNAMIC) - hl7:section included from template 2.16.756.5.30.1.1.10.3.45 <i>Original Representation Section</i> (DYNAMIC)				
Included		0 ... *		from 2.16.840.1.113883.10.12.201 <i>CDA Section</i> (DYNAMIC)
└─ hl7:section		0 ... *		
└─ @classCode		0 ... 1	F	DOCSECT
└─ @moodCode		0 ... 1	F	EVN
└─ hl7:templateId	II	1 ... 1		
└─ @root		1 ... 1	F	2.16.840.1.113883.10.12.201
└─ hl7:id	II	0 ... 1		
└─ hl7:code	CE	0 ... 1		
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10871 <i>DocumentSectionType</i> (DYNAMIC)		
└─ hl7:title	ST	0 ... 1		
└─ hl7:text	SD.TEXT	0 ... 1	R	
└─ hl7:confidentialityCode	CE	0 ... 1		

		CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.16926 x_BasicConfidentialityKind (DYNAMIC)		
└ h17:languageCode	CS	0 ... 1			
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 HumanLanguage (DYNAMIC)			
└ h17:subject		0 ... 1			Contains 2.16.840.1.113883.10.12.320 CDA Subject (Body) (DYNAMIC)
└ h17:author		0 ... *			Contains 2.16.840.1.113883.10.12.318 CDA Author (Body) (DYNAMIC)
└ h17:informant		0 ... *			Contains 2.16.840.1.113883.10.12.319 CDA Informant (Body) (DYNAMIC)
└ h17:entry		0 ... *			Contains 2.16.840.1.113883.10.12.300 CDA Clinical Statement (DYNAMIC)
└ @typeCode	CS	0 ... 1			Default value is COMP
	CONF	The value of @typeCode shall be drawn from value set 2.16.840.1.113883.1.11.19446 x_ActRelationshipEntry (DYNAMIC)			
└ @contextConductionInd	bl	0 ... 1	F		true
└ h17:component		0 ... *			Contains 2.16.840.1.113883.10.12.201 CDA Section (DYNAMIC)
└ @typeCode		0 ... 1	F		COMP
└ @contextConductionInd	bl	0 ... 1	F		true
Included		0 ... 1			from 2.16.756.5.30.1.1.10.3.2 Remarks Section - coded (DYNAMIC)
└ h17:section		0 ... 1			This section can be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.
└ h17:templateId	II	1 ... 1	R		
└ @root	uid	1 ... 1	F		2.16.756.5.30.1.1.10.3.2
└ h17:id	II	0 ... 1			An ID for this section MAY be filled for traceability.

└─@root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.
└─@extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.
└─hl7:code	CE	1 ... 1	R	
└─@code	cs	1 ... 1	F	48767-8
└─@codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1
└─@codeSystemName	st	1 ... 1	F	LOINC
└─@displayName	st	1 ... 1	F	Annotation comment
└─hl7:title	ST	1 ... 1	M	Fixed human readable title of this section. ▪ [ge]: 'Kommentar' ▪ [fr]: 'Commentaire' ▪ [it]: 'Osservazione' ▪ [en]: 'Comment'
	Variable let	Name	languageCode	
		Value	substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)	
	Schematron assert	role	error	
		test	not(\$languageCode='ge') or (text()='Kommentar')	
		Message	The German title must read 'Kommentar'	
	Schematron assert	role	error	
		test	not(\$languageCode='fr') or (text()='Commentaire')	
		Message	The French title must read 'Commentaire'	
	Schematron assert	role	error	
		test	not(\$languageCode='it') or (text()='Osservazione')	

		Message	The Italian title must read 'Osservazione'		
		role	error		
	Schematron assert	test	not(\$languageCode='en') or (text()='Comment')		
		Message	The English title must read 'Comment'		
└ h17:text	SD.TEXT	1 ... 1	M	Human readable text of this section.	
└ h17:entry		0 ... *		Contains 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC)	
	 cdachemed-dataelement-142  Allgemeine Bemerkungen *  Dataset 1  cdachemed-dataelement-86  Allgemeine Bemerkungen *  Dataset 1  cdachemed-dataelement-146  Allgemeine Bemerkungen *  Dataset 1  cdachemed-dataelement-73  Allgemeine Bemerkungen *  Dataset 1  cdachemed-dataelement-147  Allgemeine Bemerkungen *  Dataset 1  cdachemed-dataelement-39  Allgemeine Bemerkungen *  Dataset 1				
Included		0 ... 1		from 2.16.756.5.30.1.1.10.3.45 <i>Original Representation Section - coded</i> (DYNAMIC)	
└ h17:section		0 ... 1		Contains the original representation of the current CDA document as it has been seen by the legal authenticator while signing.	
└ h17:templateId	II	1 ... 1	M		
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.3.45	
└ h17:id	II	0 ... 1		An ID for this section MAY be filled for traceability.	
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the Swiss OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ h17:code	CE	1 ... 1	M		

└─ @code └─ @codeSystem └─ @codeSystemName └─ @displayName	CONF	1 ... 1	F	55108-5
		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)
		1 ... 1	F	LOINC
		1 ... 1	F	Clinical presentation
└─ hl7:title	ST	1 ... 1	M	Fixed human readable title of this section. [ge]: 'Original Darstellung' [fr]: 'Représentation originale' [it]: 'Rappresentazione originale' [en]: 'Original representation'
	Variable let	Name	languageCode	
		Value	substring(ancestor::hl7:ClinicalDocument/hl7:languageCode/@code,1,2)	
	Schematron assert	role	error	
		test	not(\$languageCode='ge') or (text()='Original Darstellung')	
		Message	The German title must read 'Original Darstellung'	
	Schematron assert	role	error	
		test	not(\$languageCode='fr') or (text()='Représentation originale')	
		Message	The French title must read 'Représentation originale'	
	Schematron assert	role	error	
		test	not(\$languageCode='it') or (text()='Rappresentazione originale')	
		Message	The Italian title must read 'Rappresentazione originale'	
	Schematron assert	role	error	
		test	not(\$languageCode='en') or (text()='Original representation')	
		Message	The English title must read 'Original representation'	
└─ hl7:text	SD.TEXT	1 ... 1	M	MUST contain the reference (renderMultiMedia/@referencedObject) to the corresponding observation Media (embedded PDF) that shows the original representation signed by the legal authenticator.

└─ hl7:renderMultiMedia		1 ... 1	M	
└─ @referencedObject		1 ... 1	R	The reference to the corresponding observationMedia element.
└─ hl7:entry		1 ... 1	M	Contains 2.16.756.5.30.1.1.10.4.83 <i>Observation Media</i> (DYNAMIC)
└─ @typeCode	st	1 ... 1	F	DRIV
Schematron assert	role			error
	test			hl7:text/hl7:renderMultiMedia/@referencedObject=hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/@ID
	Message			The referenced multimedia object MUST be declared in an entry of the same section.
Schematron assert	role			error
	test			hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/hl7:value/@mediaType='application/pdf'
	Message			The referenced multimedia object MUST have the mime type set tp 'application/pdf'.
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.

7.3.1.2 CDA-CH v2.0 - nonXMLBody

Id	2.16.756.5.30.1.1.10.1.12	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	CDA-CHv2.0-nonXMLBody	Display Name	CDA-CH v2.0 - nonXMLBody
Description			
This document template MAY be referenced or specialized for specific, not further described use cases. CDA-CH V2 derivatives, i.e. Swiss exchange formats SHOULDN'T use this template, as they better refer to the document level template requiring a structured body. It only specifies the usage of CDA header templates. It requires a non XML CDA body, but does not define any CDA body rules. For CDA body rules, see the derived exchange formats.			
Context	Pathname //		
Classification	CDA Document Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Uses	Uses 3 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.2.25	Include 	Document Realm (2017)
	2.16.756.5.30.1.1.10.2.47	Include 	Document Template Ids CDA-CH v2.0 - nonXMLBody (2017)
	2.16.756.5.30.1.1.10.9.36	Include 	CDA-CH v2.0 Header Template Compilation (2017)
Relationship	Specialization: template 2.16.840.1.113883.10.12.3 <i>CDA ClinicalDocument (with nonXMLBody)</i> (2005-09-07) ref ad1bbr-		
Example	Example		
	<pre> <!-- The following line is required in a CDA-CH document. It is commented here due to ART-DECOR valida- tion 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> </pre>		

Item	DT	Card	Conf	Description	Label
h17: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.	(CDA...ody)

				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 <i>Document Realm</i> (DYNAMIC)	
└─ hl7:realmCode	CS	1 ... 1	M	Swiss Realm (CHE) of HL7 CDA.	CDA-CH V2
└─ @code	CONF	1 ... 1	F	CHE	
└─ hl7:typeId	II	1 ... 1	M	HL7 CDA R2, 2005	(CDA...ody)
└─ @root	uid	1 ... 1	F	2.16.840.1.113883.1.3	
└─ @extension	st	1 ... 1	F	POCD_HD000040	
Included				from 2.16.756.5.30.1.1.10.2.47 <i>Document Template Ids CDA-CH v2.0 - nonXMLBody</i> (DYNAMIC)	
└─ hl7:templateId	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4	
└─ 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	
└─ hl7:templateId	II	1 ... 1	M	HL7 CDA R2 (2005).	CDA-CH V2

└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.1	
Included				from 2.16.756.5.30.1.1.10.9.36 CDA-CH v2.0 Header Template Compilation (DYNAMIC)	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.23 Document Id (DYNAMIC)	
└ hl7:id	II	1 ... 1	M	A unique identifier for each CDA document instance.	CDA-CH V2
	 cdachemed-dataelement-24  Identification number of the document  Dataset 1  hl7chcda-dataelement-217  Identification number of the document  CDA-CH V2 2017				
└ @root	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).	
└ @extension	st	0	NP	NP/not present	
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 Document Code (DYNAMIC)	
└ hl7:code	CE	1 ... 1	M	A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata.	CDA-CH V2
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 ... 1	F	LOINC	
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
└ hl7:translation	CD	1 ... 1	R	A translation to the Swiss EPR XDS.b metadata from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
	 hl7chcda-dataelement-218  Document type  CDA-CH V2 2017				
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	

@codeSystem	oid	1 ... 1	R		
@codeSystemName	st	1 ... 1	R		
@displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>DocumentEntry.typeCode</i> (DYNAMIC)			
hl7:title	ST	1 ... 1	M	The expected titles (at least in English, German, French and Italian) MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
hl7:effectiveTime	TS.CH.TZ	1 ... 1	M	The document's creation date and time. If this document replaces a previous version (linked via parentDocument), this is the date and time of the new version.	CDA-CH V2
Included		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.19 <i>Document Confidentiality Code</i> (DYNAMIC)	
hl7:confidentialityCode	CE (required)	1 ... 1	M	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
	 cdachemed-dataelement-29  Confidentiality level  Dataset 1  hl7chcda-dataelement-222  Confidentiality level  CDA-CH V2 2017				
@code	cs	1 ... 1	R	The value of @code MUST be drawn from value set DocumentEntry.confidentialityCode	
@codeSystem	oid	1 ... 1	R		
@codeSystemName	st	1 ... 1	R		
@displayName	st	1 ... 1	R	The value of @displayName MUST be drawn from value set DocumentEntry.confidentialityCode	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>DocumentEntry.confidentialityCode</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 RFC5646 based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2

cdachemed-dataelement-26	Language of the document	Dataset 1
hl7chcda-dataelement-219	Language of the document	CDA-CH V2 2017

CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)
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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
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@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
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cdachemed-dataelement-30	Version	Dataset 1
hl7chcda-dataelement-223	Version	CDA-CH V2 2017

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.	CDA-CH V2
				Target patient The HL7 CDA R2 (2005) standard allows multiple patients. In order to ensure that the information in a CDA document is un-	

				ambiguously 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/klasi/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
	cdachemed-dataelement-13 Identification number Dataset 1 hl7chcda-dataelement-162 personIdentification CDA-CH V2 2017 hl7chcda-dataelement-228 Identification number CDA-CH V2 2017				
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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
	cdachemed-dataelement-14 Address (es) Dataset 1 hl7chcda-dataelement-47 addressInformation CDA-CH V2 2017 hl7chcda-dataelement-229 Address (es) CDA-CH V2 2017				
└ hl7:telecom	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7:patient		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
	cdachemed-dataelement-5 Patient/Patientin Dataset 1				
└ hl7:administrativeGenderCode	CE	1 ... 1	R	The patient's gender	CDA-CH V2
	cdachemed-dataelement-12 Gender Dataset 1 hl7chcda-dataelement-227 Gender CDA-CH V2 2017				

	hl7chcda-dataelement-183					sex	CDA-CH V2 2017
└ @code	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				
└ hl7:birthTime	TS.CH.TZ	1 ... 1	R	The patient's birthdate.			CDA-CH V2
	cdachemed-dataelement-11 Date of birth Dataset 1 hl7chcda-dataelement-181 dateOfBirth CDA-CH V2 2017 hl7chcda-dataelement-226 Date of birth CDA-CH V2 2017						
└ hl7:maritalStatusCode	CE	0 ... 1		The patient's marital status.			CDA-CH V2
	hl7chcda-dataelement-186 maritalStatus CDA-CH V2 2017						
└ @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
		 hl7chcda-dataelement-184  religion  CDA-CH V2 2017				
	└ @nullFlavor	cs	0 ... 1	F	NAV	
	└ @code	cs	0 ... 1			
	└ @codeSystem	oid	0 ... 1			
	└ @codeSystemName	st	0 ... 1			
	└ @displayName	st	0 ... 1			
Included			0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <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 <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.

 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
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hl7chcda-dataelement-47	addressInformation	CDA-CH V2 2017
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└ hl7:telecom	TEL	0 ... *		The guardian's means of communication (phone, eMail, ...).	CDA-CH V2
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Elements to choose from:

Choice

1 ... 1

- hl7:guardianPerson containing template 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (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
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└ 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
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└ hl7:birthplace		0 ... 1		The patient's birthplace.	CDA-CH
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				V2
	 hl7chcda-dataelement-182  placeOfBirth  CDA-CH V2 2017			
└ 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
└ hl7:languageCommunication		0 ... *		The patient's language skills. CDA-CH V2
└ hl7:languageCode	CS	1 ... 1		CDA-CH V2
	 hl7chcda-dataelement-164  languageOfCorrespondance  CDA-CH V2 2017			
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)		
└ hl7:modeCode	CE	0 ... 1		CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbility-Mode</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>LanguageAbility-Proficiency</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. CDA-CH V2

				Contains 2.16.756.5.30.1.1.10.9.30 <i>Organization Compilation with GLN and name</i> (DYNAMIC)	
Included		1 ... *	M	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)	
└─ 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
	cdachemed-dataelement-2	● Autorin/Autor ● Dataset 1			
└─ 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	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 <i>ParticipationFunction</i> (DYNAMIC)			
└─ hl7:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.	CDA-CH V2
└─ hl7:assignedAuthor		1 ... 1	R		CDA-CH V2
	Schematron assert	role	● error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
└─ hl7:id	II	1 ... 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
	● cdachemed-dataelement-7 ● Identifier ● Dataset 1 ● hl7chcda-dataelement-233 ● Identifier ● CDA-CH V2 2017 ● hl7chcda-dataelement-162 ● personIdentification ● CDA-CH V2 2017				

└ @nullFlavor	cs	0 ... 1	F	NAV		
				Temporarily unknown, will be filled later.		
└ @root	cs	0 ... 1	F	2.51.1.3		
				OID for GS1 GLN.		
└ @extension	st	0 ... 1		The GS1 GLN.		
				role	error	
	Schematron assert			test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')	
				Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	
└ h17:id	II	0 ... *		Other ids are allowed.		CDA-CH V2
				hl7chcda-dataelement-162	personIdentification	CDA-CH V2 2017
└ @root	cs	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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
└ h17: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)		
└ h17:assignedPerson		0 ... 1		The author as a person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilati-</i>		CDA-CH V2

				on - eCH-0011 (DYNAMIC)	
	 cdachemed-dataelement-3  cdachemed-dataelement-6	 Name  First names	 Dataset 1  Dataset 1		
 hl7:assignedAuthoringDevice		0 ... 1		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2
 hl7:representedOrganization		0 ... 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
	 cdachemed-dataelement-8 hl7chcda-dataelement-234	 Health facility  Health facility	 Dataset 1  CDA-CH V2 2017		
Included		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
Included		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	
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 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
hl7:relatedEntity				Contains 2.16.840.1.113883.10.12.316 CDA RelatedEntity (DYNAMIC)	CDA-CH V2
Included		1 ... 1	R	from 2.16.756.5.30.1.1.10.2.3 Custodian (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
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
hl7chcda-dataelement-73 organisationName CDA-CH V2 2017					

└─ hl7:telecom	TEL	0 ... 1		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
└─ hl7:addr	AD	0 ... 1		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
hl7chcda-dataelement-77 addressInformation CDA-CH V2 2017					
Included		1 ... *	M	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)	
└─ hl7: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 x_Information-Recipient (DYNAMIC)	
└─ hl7:templateId	II	1 ... 1	M		CDA-CH V2

└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4	
└ h17:intendedRecipient		1 ... 1	R		CDA-CH V2
└ h17:id	II	0 ... *	R	The recipient's identification(s).	CDA-CH V2
	hl7chcda-dataelement-238	Identifier		CDA-CH V2 2017	
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ 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
	hl7chcda-dataelement-47	addressInformation		CDA-CH V2 2017	
└ h17: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
	hl7chcda-dataelement-239	Health facility		CDA-CH V2 2017	
Included		0 ... 1		from 2.16.756.5.30.1.1.10.2.5 <i>Legal Authenticator</i> (DYNAMIC)	
└ h17:legalAuthenticator		0 ... 1		Information about the legal authenticator of a CDA document. A legal authenticator MUST be a person.	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2

└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.5	
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
└ h17:signatureCode	CS	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	F	S	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <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
└ 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)			
└ 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
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)	
└ hl7: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	
└ hl7: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	
└ 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	
└ h17:id	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
└ h17:code	CE	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.3	
└ @codeSystemName	st	1 ... 1	F	IHERoleCode	
└ @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.77 <i>IHERoleCode Employer and School Contacts</i> (DYNAMIC)			
└ h17:associatedPerson		0 ... 1		Contact person at the employer, school or other affiliated (e.g., volunteer) organization. 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
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.15 <i>Insurance - participant</i> (DYNAMIC)	
└ h17:participant		0 ... *		Information on a patient's insurance.	CDA-CH V2
└ @typeCode	cs	1 ... 1	F	COV	

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

		role	 error		
	Schematron assert	test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
└─ h17:associatedPerson		0 ... 1		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
└─ h17:scopingOrganization		1 ... 1		The insurance company. Contains 2.16.756.5.30.1.1.10.9.26 <i>Organization Compilation with GLN, name, addr and telecom</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.14 <i>Insurance Card - participant</i> (DYNAMIC)	
└─ h17:participant		0 ... *		Information on a patient's insurance card.	CDA-CH V2
└─ @typeCode	CS	1 ... 1	F	HLD	
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.14	
└─ h17:time	IVL_TS.CH.TZ	1 ... 1	R	Validity period of the insurance card.	CDA-CH V2
└─ h17:low	TS.CH.TZ	1 ... 1			CDA-CH V2
└─ @nullFlavor	CS	1 ... 1	F	NASK	
└─ h17:high	TS.CH.TZ	1 ... 1	R	Expiration date of the insurance card.	CDA-CH V2
└─ h17:associatedEntity		1 ... 1	R		CDA-CH V2
└─ @classCode	CS	1 ... 1	F	POLHOLD	

└─ h17:id	II	1 ... 1	R	The insurance card's id.	CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.123.100.1.1.1	
└─ @extension	st	1 ... 1	R	Number of the insurance card.	
└─ h17:associatedPerson		0 ... 1		Family and given name on the insurance card. 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
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.43 <i>Patient Contact - participant</i> (DYNAMIC)	
└─ h17:participant		0 ... *		Information on a patient contact.	CDA-CH V2
└─ @typeCode	cs	1 ... 1	F	IND	
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.43	
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.4	
└─ h17:time	IVL_TS.CH.TZ	0 ... 1		Validity period of the participation.	CDA-CH V2
└─ h17:low	TS.CH.TZ	1 ... 1	R	Start of participation.	CDA-CH V2
└─ h17:high	TS.CH.TZ	1 ... 1	R	End of participation.	CDA-CH V2
└─ h17:associatedEntity		1 ... 1	R	Either the contact person or the contact's organization SHALL be present.	CDA-CH V2

└ @classCode

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

cs

1 ... 1

R

└ hl7: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.

└ hl7:addr

AD

0 ... *

The contact's address.
Contains 2.16.756.5.30.1.1.10.9.35 *Address Information Compilation - eCH-0010* (DYNAMIC)

CDA-CH
V2



hl7chcda-dataelement-47



addressInformation



CDA-CH V2 2017

└ hl7:telecom

TEL

0 ... *

The contact's means of communication (phone, eMail, ...).

CDA-CH
V2

└ hl7:associatedPerson

0 ... 1

C

The contact person.
Contains 2.16.756.5.30.1.1.10.9.34 *Person Name Information Compilation - eCH-0011* (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)	
└─ h17:inFulfillmentOf		0 ... *		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16	
└─ h17:order		1 ... 1	R		CDA-CH V2
└─ h17:id	II	1 ... *	R	Order number.	CDA-CH V2
└─ @root	uid	1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
└─ @extension	st	0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)	
└─ h17:documentationOf		0 ... *		Information about a health service describing the context of this CDA document.	CDA-CH V2
└─ @typeCode	CS	1 ... 1	F	DOC	
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2

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

└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R		
└ 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
Included		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:templateId		1 ... 1	R		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.323	
└ hl7:time	IVL_TS.CH.TZ	0 ... 1		Duration of the performance.	CDA-CH V2
└ hl7:low	TS.CH.TZ	1 ... 1	R	Start of the performance.	CDA-CH V2
└ hl7:high	TS.CH.TZ	1 ... 1	R	End of the performance.	CDA-CH V2

└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.13 <i>Document Replacement - relatedDocument</i> (DYNAMIC)	
└ h17:relatedDocument		0 ... *		Relationship to another CDA-CH V2 based document that is replaced by the current one. 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	

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

L @classCode		0 ... 1	F	CONS	
L @moodCode		0 ... 1	F	EVN	
L hl7:id	II	0 ... *			CDA-CH V2
L hl7:code	CE	0 ... 1			CDA-CH V2
	CONF	shall be drawn from concept domain "ActCode"			
L hl7:statusCode	CS	1 ... 1	R		CDA-CH V2
L @code	CONF	0 ... 1	F	completed	
Included		0 ... 1		from 2.16.840.1.113883.10.12.113 CDA componentOf (DYNAMIC)	
L hl7:componentOf		0 ... 1			CDA-CH V2
L @typeCode		0 ... 1	F	COMP	
L hl7:encompassingEncounter		1 ... 1			CDA-CH V2
L @classCode		0 ... 1	F	ENC	
L @moodCode		0 ... 1	F	EVN	
L hl7:id	II	0 ... *			CDA-CH V2
L hl7: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)			
L hl7:effectiveTime	IVL_TS	1 ... 1	R		CDA-CH V2

└─ hl7:dischargeDispositionCode	CE	0 ... 1			CDA-CH V2
	CONF	shall be drawn from concept domain "EncounterDischargeDisposition"			
└─ hl7:responsibleParty		0 ... 1		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
└─ @typeCode		0 ... 1	F	RESP	
└─ hl7: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_Encounter-Participant (DYNAMIC)			
└─ hl7:time	IVL_TS	0 ... 1			CDA-CH V2
└─ hl7:assignedEntity		1 ... 1		Contains 2.16.840.1.113883.10.12.153 CDA AssignedEntity (DYNAMIC)	CDA-CH V2
└─ hl7:location		0 ... 1			CDA-CH V2
└─ @typeCode		0 ... 1	F	LOC	
└─ hl7:healthCareFacility		1 ... 1			CDA-CH V2
└─ @classCode		0 ... 1	F	SDLOC	
└─ hl7:id	II	0 ... *			CDA-CH V2
└─ hl7: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 ServiceDeliveryLocationRoleType (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 Document_Realm
2. typeId: valeur fixe défini par HL7 CDA R2 (2005), aucun Template CDA-CH.

3. templateId: voir Document_Template_Ids_CDA-CH_V2
4. id: voir Document_Id
5. code: voir 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 Document_Confidentiality_Code
9. languageCode: voir Document_Language
10. setId: voir Document_Set_Id_and_Version_Number
11. versionNumber: voir Document_Set_Id_and_Version_Number
12. recordTarget: voir Patient_-_recordTarget
13. author: voir Author_2
14. dataEnterer: voir Data_Enterer
15. informant: voir CDA_Informant
16. custodian: voir Custodian
17. informationRecipient: voir Recipient_-_informationRecipient
18. legalAuthenticator: voir Legal_Authenticator
19. authenticator: voir Authenticator
20. participant: voir Employer_-_participant, Insurance_-_participant, Insurance_Card_-_participant
21. inFulfillmentOf: voir Order_Reference_-_inFulfillmentOf
22. documentationOf: voir Health_Service_-_documentationOf
23. relatedDocument: voir Document_Replacement_-_relatedDocument
24. authorization: voir CDA_Authorization
25. componentOf: voir CDA_componentOf

7.3.2.1 Document Realm

Id	2.16.756.5.30.1.1.10.2.25 ref hl7hcda-	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_header_DocumentRealm	Display Name	Document Realm
Description	Swiss Realm (CHE) of HL7 CDA. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
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
@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.		
Label	CDA-CH V2		

Classification	CDA Header Level Template				
Open/Closed	Open (other than defined elements are allowed)				
Example	Example <pre> <!-- 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"/> </pre>				
Item	DT	Card	Conf	Description	Label
h17:templateId	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4	
h17:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model - nonXMLBody.	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.1.12	
h17:templateId	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as nonXMLBody.	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.3	
h17:templateId	II	1 ... 1	M	HL7 CDA R2 (2005).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.1	

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

Id	2.16.756.5.30.1.1.10.2.18	ref hl7chcda-	Effective Date	2019-10-17 15:21:50
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			Other versions this id:
			☐ cdach_header_DocumentTemplateIdsCdaChv2.0-structuredBody as of 2018-04-18
Status	 Draft	Version Label	2020
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.

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

Example	Example
	<pre> <!-- CDA-CH v2.0 specification (optional, but informative template id). --> <templateId root="2.16.756.5.30.1.1.1.1.4"/> <!-- CDA-CH v2.0 structuredBody. --> <templateId root="2.16.756.5.30.1.1.10.1.9"/> <!-- HL7 CDA R2 (2005) having a structuredBody. --> <templateId root="2.16.840.1.113883.10.12.2"/> <!-- HL7 CDA R2 (2005). --> <templateId root="2.16.840.1.113883.10.12.1"/> </pre>

Item	DT	Card	Conf	Description	Label
hl7:templateId	II	0 ... 1		CDA-CH v2.0 specification. This is an informational reference, only.	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.1.1.4	
hl7:templateId	II	1 ... 1	M	CDA-CH v2.0 structuredBody	CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.1.9	
hl7:templateId	II	1 ... 1	M	HL7 CDA R2 (2005); contains ClinicalDocument.component as structuredBody.	CDA-CH V2

└─@root	uid 1 ... 1 F	2.16.840.1.113883.10.12.2	
hl7:templateId	II 1 ... 1 M	HL7 CDA R2 (2005).	CDA-CH V2
└─@root	uid 1 ... 1 F	2.16.840.1.113883.10.12.1	

7.3.2.4 Document Id

Id	2.16.756.5.30.1.1.10.2.23 ref hl7chcda-	Effective Date	2018-04-18			
Status	● Active	Version Label	2017			
Name	cdach_header_DocumentId	Display Name	Document Id			
Description	A unique identifier for each CDA document instance. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.					
Label	CDA-CH V2					
Classification	CDA Header Level Template					
Open/Closed	Open (other than defined elements are allowed)					
Associated with	Associated with 2 concepts					
	Id	Name	Data Set			
	cdachemed-dataelement-24	● Identification number of the document	● Dataset 1			
	hl7chcda-dataelement-217	● Identification number of the document	● CDA-CH V2 2017			
Example	Example <code><id root="807563C2-5146-11D5-A672-00B0D022E945"/></code>					
Item		DT	Card	Conf	Description	Label

hl7:id	II	1 ... 1	M	A unique identifier for each CDA document instance.	CDA-CH V2
@root @extension	cdachemed-dataelement-24 Identification number of the document Dataset 1				
	hl7chcda-dataelement-217 Identification number of the document CDA-CH V2 2017				
	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).	
	st	0	NP	NP/not present	

7.3.2.5 Document Code

Id	2.16.756.5.30.1.1.10.2.44	Effective Date	2019-09-12 15:24:11 Other versions this id:
	ref hl7chcda-		cdach_header_DocumentCode as of 2018-04-18
Status	Active	Version Label	2020
Name	cdach_header_DocumentCode	Display Name	Document Code
Description A LOINC based document type of a CDA document instance including a translation to the Swiss EPR XDS.b metadata. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST specialise this template by precising the exact value of @code and its translation to the Swiss EPR XDS.b metadata.			
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 1 concept		
	Id	Name	Data Set
	hl7chcda-dataele-	Document type	CDA-CH V2 2017

	ment-218				
Relationship	Version: template 2.16.756.5.30.1.1.10.2.44 <i>Document Code</i> (2018-04-18) ref hl7chcda-				
Example	CDA-CH EMED - Prescription				
	<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 DocumentEntry.typeCode --> <translation code="761938008" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Medical Pre- scription record (record artifact)"/> </code> </pre>				
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 from DocumentEntry.typeCode. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
hl7chcda-dataelement-218 Document type CDA-CH V2 2017					
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
└ @codeSystem	oid	1 ... 1	R		
└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	

CONF

The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 *DocumentEntry.type-Code* (DYNAMIC)

7.3.2.6 Document Confidentiality Code

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

Description

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

Language dependent references to the Swiss EPR regulation:

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

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

Associated with 7 concepts

Associated with	Id	Name	Data Set
	cdachemed-dataele-	 Confidentiality level	 Dataset 1

	ment-125				
	cdachemed-dataelement-126	Confidentiality level			Dataset 1
	cdachemed-dataelement-29	Confidentiality level			Dataset 1
	cdachemed-dataelement-124	Confidentiality level			Dataset 1
	cdachemed-dataelement-81	Confidentiality level			Dataset 1
	cdachemed-dataelement-68	Confidentiality level			Dataset 1
	hl7chcda-dataelement-222	Confidentiality level			CDA-CH V2 2017
Relationship	Version: template 2.16.756.5.30.1.1.10.2.19 <i>Document Confidentiality Code</i> (2018-04-18) ref hl7chcda-				
Example	Example <pre><confidentialityCode code="17621005" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Normal (qualifier value)"/></pre>				
Item	DT	Card	Conf	Description	Label
hl7:confidentialityCode	CE (required)	1 .. 1	M	Swiss Realm of Confidentiality Code according to the Swiss EPR regulation.	CDA-CH V2
	cdachemed-dataelement-125 Confidentiality level Dataset 1 cdachemed-dataelement-126 Confidentiality level Dataset 1 cdachemed-dataelement-29 Confidentiality level Dataset 1 cdachemed-dataelement-124 Confidentiality level Dataset 1 cdachemed-dataelement-81 Confidentiality level Dataset 1 cdachemed-dataelement-68 Confidentiality level Dataset 1 hl7chcda-dataelement-222 Confidentiality level CDA-CH V2 2017				

 @code	cs	1 ... 1	R	The value of @code MUST be drawn from value set DocumentEntry.confidentialityCode
 @codeSystem	oid	1 ... 1	R	
 @codeSystemName	st	1 ... 1	R	
 @displayName	st	1 ... 1	R	The value of @displayName MUST be drawn from value set DocumentEntry.confidentiality-Code
		CONF		The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>DocumentEntry.confidentialityCode</i> (DYNAMIC)

7.3.2.7 Document Language

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

Associated with	Associated with 7 concepts					
	Id		Name		Data Set	
	cdachemed-dataelement-26		 Language of the document		 Dataset 1	
	cdachemed-dataelement-135		 Language of the document		 Dataset 1	
	cdachemed-dataelement-134		 Language of the document		 Dataset 1	
	cdachemed-dataelement-65		 Language of the document		 Dataset 1	
	cdachemed-dataelement-78		 Language of the document		 Dataset 1	
	cdachemed-dataelement-133		 Language of the document		 Dataset 1	
hl7hcda-dataelement-219		 Language of the document		 CDA-CH V2 2017		
Relationship		Version: template 2.16.756.5.30.1.1.10.2.22 <i>Document Language</i> (2018-04-18) ref hl7hcda-				
Example		US-English <code><languageCode code="en-US"/></code>				
Example		Swiss-German <code><languageCode code="de-CH"/></code>				
Example		Swiss-French <code><languageCode code="fr-CH"/></code>				
Example		Swiss-Italian <code><languageCode code="it-CH"/></code>				

Item	DT	Card	Conf	Description	Label
hl7:languageCode	CS	1 ... 1	M	The RFC5646 based language in which the narrative texts in this CDA document	CDA-CH

			instance are written.	V2
	 cdachemed-dataelement-26	 Language of the document	 Dataset 1	
	cdachemed-dataelement-135	 Language of the document	 Dataset 1	
	cdachemed-dataelement-134	 Language of the document	 Dataset 1	
	cdachemed-dataelement-65	 Language of the document	 Dataset 1	
	cdachemed-dataelement-78	 Language of the document	 Dataset 1	
	cdachemed-dataelement-133	 Language of the document	 Dataset 1	
	hl7chcda-dataelement-219	 Language of the document	 CDA-CH V2 2017	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)		

7.3.2.8 Document Set Id and Version Number

Id	2.16.756.5.30.1.1.10.2.20 ref hl7chcda-	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_header_DocumentSetIdAndVersionNumber	Display Name	Document Set Id and Version Number
Description	Unity of document versions. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 2 concepts		
	Id	Name	Data Set
	cdachemed-dataelement-30	 Version	 Dataset 1

Example

Version 1

```
<!-- For information only (see 'Document Id' template for more information): /ClinicalDocument/
id/@root="807563C2-5146-11D5-A672-00B0D022E945" (equal to setId) -->
<setId root="807563C2-5146-11D5-A672-00B0D022E945"/>
<versionNumber value="1"/>
```

Example

Version 2

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

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	
		role		error	
	Schematron assert	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
 cdachemed-dataelement-30  Version  Dataset 1					

hl7chcda-dataelement-223

 Version CDA-CH V2 2017

7.3.2.9 Patient - recordTarget

Id	2.16.756.5.30.1.1.10.2.1 ref hl7chcda-	Effective Date	2019-09-12 14:53:02 Other versions this id: ☐ cdach_header_Patient as of 2018-04-18
Status	 Active	Version Label	2020
Name	cdach_header_Patient	Display Name	Patient - recordTarget
Description	A human patient for whom this CDA document instance was created. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.1		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 19 concepts		
	Id	Name	Data Set
	cdachemed-dataelement-9	 Names	 Dataset 1
	cdachemed-dataelement-12	 Gender	 Dataset 1
	cdachemed-dataelement-5	 Patient/Patientin	 Dataset 1
	cdachemed-dataelement-13	 Identification number	 Dataset 1
	cdachemed-dataelement-11	 Date of birth	 Dataset 1
	cdachemed-dataelement-	 First names	 Dataset 1

	ment-10		
	cdachemed-dataelement-14	 Address (es)	 Dataset 1
	hl7chcda-dataelement-47	 addressInformation	 CDA-CH V2 2017
	hl7chcda-dataelement-227	 Gender	 CDA-CH V2 2017
	hl7chcda-dataelement-186	 maritalStatus	 CDA-CH V2 2017
	hl7chcda-dataelement-181	 dateOfBirth	 CDA-CH V2 2017
	hl7chcda-dataelement-164	 languageOfCorrespondance	 CDA-CH V2 2017
	hl7chcda-dataelement-162	 personIdentification	 CDA-CH V2 2017
	hl7chcda-dataelement-183	 sex	 CDA-CH V2 2017
	hl7chcda-dataelement-226	 Date of birth	 CDA-CH V2 2017
	hl7chcda-dataelement-182	 placeOfBirth	 CDA-CH V2 2017
	hl7chcda-dataelement-184	 religion	 CDA-CH V2 2017
	hl7chcda-dataelement-228	 Identification number	 CDA-CH V2 2017
	hl7chcda-dataelement-229	 Address (es)	 CDA-CH V2 2017
Uses	Uses 5 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)
	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)
	2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)
Relationship	2.16.756.5.30.1.1.10.9.30	Containment	 Organization Compilation with GLN and name (2017)
	Version: template 2.16.756.5.30.1.1.10.2.1 <i>Patient - recordTarget</i> (2018-04-18)  Specialization: template 2.16.840.1.113883.10.12.101 <i>CDA recordTarget</i> (2005-09-07) 		

Example	Sample patient <pre><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@sampledomain.ch"/> <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="76088888888888"/> <name>Gruppenpraxis CH, Dr. med. Allzeit Bereit</name> </providerOrganization> </patientRole> </recordTarget></pre>				
Example	Pseudonymizing with initials <pre><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></pre>				
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 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/klasi/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.	CDA-CH V2
------------------	--	---------	---	--	-----------

└─ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.1	
└─ hl7:patientRole		1 ... 1	R		CDA-CH V2
└─ hl7:id	II	1 ... *	R	The patient's id.	CDA-CH V2
	cdachemed-dataelement-13 Identification number Dataset 1 hl7chcda-dataelement-162 personIdentification CDA-CH V2 2017 hl7chcda-dataelement-228 Identification number CDA-CH V2 2017				
└─ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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
	cdachemed-dataelement-14 Address (es) Dataset 1 hl7chcda-dataelement-47 addressInformation CDA-CH V2 2017 hl7chcda-dataelement-229 Address (es) CDA-CH V2 2017				
└─ hl7:telecom	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
└─ hl7:patient		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
	cdachemed-dataelement-9 Names Dataset 1 cdachemed-dataelement-5 Patient/Patientin Dataset 1 cdachemed-dataelement-10 First names Dataset 1				

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

		CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12212 <i>MaritalStatus</i> (DYNAMIC)			
└ h17:translation			0 ... *		A translation of the code to another coding system	CDA-CH V2
└ @code	cs		1 ... 1	R		
└ @codeSystem	oid		1 ... 1	R		
└ @codeSystemName	st		1 ... 1	R		
└ @displayName	st		1 ... 1	R		
└ h17:religiousAffiliationCode		CE	0 ... 1		The patient's religion.	CDA-CH V2
 hl7hcda-dataelement-184  religion  CDA-CH V2 2017						
└ @nullFlavor	cs		0 ... 1	F	NAV	
└ @code	cs		0 ... 1			
└ @codeSystem	oid		0 ... 1			
└ @codeSystemName	st		0 ... 1			
└ @displayName	st		0 ... 1			
Included			0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <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.	
└ h17:originalText		ED	0 ... 1	C		CDA-CH V2
└ h17:reference		TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2

@value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
Schematron assert	role	error			
	test	starts-with(@value,'#')			
	Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.			
Variable let	Name	idvalue			
	Value	substring-after(@value,'#')			
Schematron assert	role	error			
	test	ancestor::hl7:structuredBody//*[@ID=\$idvalue]			
	Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').			
Schematron assert	role	error			
	test	parent::*/text()=ancestor::hl7:structuredBody//*[@ID=\$idvalue]/text()			
	Message	The originalText content MUST be identical to the narrative text for this reference.			
Schematron assert	role	error			
	test	(@nullFlavor='NAV' and originalText and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem and @codeSystemName and @code and @displayName)			
	Message	Either a code described by code, codeSystem, codeSystemName and displayName or originalText and nullFlavor="NAV" is REQUIRED.			
hl7:guardian		0 ... *		The patient's guardian.	CDA-CH V2
hl7:id	II	0 ... *		The guardian's id.	CDA-CH V2
@root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
@extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
hl7:code	CE	0 ... 1		The guardian's role.	CDA-CH V2

└ @nullFlavor	CS	0 ... 1		
└ @code	CS	0 ... 1		
└ @codeSystem	oid	0 ... 1	F	2.16.840.1.113883.5.111
└ @codeSystemName	st	0 ... 1	F	HL7RoleCode
└ @displayName	st	0 ... 1		

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
 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017					
└ hl7:telecom	TEL	0 ... *		The guardian's means of communication (phone, eMail, ...).	CDA-CH V2
Elements to choose from:					
Choice		1 ... 1		- 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

└ h17:birthplace		0 ... 1		The patient's birthplace.	CDA-CH V2
	 hl7chcda-dataelement-182  placeOfBirth  CDA-CH V2 2017				
└ 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
└ h17:languageCode	CS	1 ... 1			CDA-CH V2
	 hl7chcda-dataelement-164  languageOfCorrespondance  CDA-CH V2 2017				
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)			
└ h17:modeCode	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbility-Mode</i> (DYNAMIC)			
└ h17:proficiencyLevelCode	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12199 <i>LanguageAbility-Proficiency</i> (DYNAMIC)			
└ h17:preferenceInd	BL	0 ... 1		In case of @value=true it is the patient's correspondence language.	CDA-CH V2
└ h17:providerOrganization		0 ... 1		The organization who took care of the patient in the same context with the current CDA document. E.g. entry of the Medreg, FMH Index or the Health	CDA-CH V2

Organisation Index (HOI) of the Swiss EPR.
Contains 2.16.756.5.30.1.1.10.9.30 *Organization Compilation with GLN and name* (DYNAMIC)

7.3.2.10 Author

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

7.3.2.11 Data Enterer

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

Description

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.7		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Uses	Uses 1 template		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.12	Containment 	Assigned Entity Compilation with id (2020)
Relationship	Specialization: template 2.16.840.1.113883.10.12.103 <i>CDA dataEnterer</i> (2005-09-07) ref ad1bbr-		
Example	Example		
	<pre><dataEnterer> <templateId root="2.16.756.5.30.1.1.10.2.7"/></pre>		

```

<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
h17:dataEnterer		0 ... 1		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.7	
└ h17:time	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2

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)				
Uses	Uses 2 templates				
	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 <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...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	ref hl7chc-da-	Effective Date	2019-10-15 09:26:07 Other versions this id:
				☐ cdach_header_Custodian as of 2018-04-18
Status	 Active		Version Label	2020

Name	cdach_header_Custodian	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)		
Associated with	Associated with 8 concepts		
	Id	Name	Data Set
	cdachemed-dataelement-112	 Custodian	 Dataset 1
	cdachemed-dataelement-85	 Custodian	 Dataset 1
	cdachemed-dataelement-72	 Custodian	 Dataset 1
	cdachemed-dataelement-113	 Custodian	 Dataset 1
	cdachemed-dataelement-114	 Custodian	 Dataset 1
	cdachemed-dataelement-43	 Custodian	 Dataset 1
	hl7chcda-dataelement-77	 addressInformation	 CDA-CH V2 2017
	hl7chcda-dataelement-73	 organisationName	 CDA-CH V2 2017
Uses	Uses 1 template		
	Uses	as	Name
Version			

Relationship

Specialization: template 2.16.840.1.113883.10.12.104 CDA custodian (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
h17:custodian		1 ... 1	R	The organization in whose name this CDA document has been created (corresponds to the sender of a letter).	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.3	
└ h17:assignedCustodian		1 ... 1	R		CDA-CH V2
└ h17:representedCustodianOrganization		1 ... 1	R		CDA-CH V2
 cdachemed-dataelement-112  Custodian  Dataset 1 cdachemed-dataelement-85  Custodian  Dataset 1 cdachemed-dataelement-72  Custodian  Dataset 1					

		cdachemed-dataelement-113  Custodian		 Dataset 1
		cdachemed-dataelement-114  Custodian		 Dataset 1
		cdachemed-dataelement-43  Custodian		 Dataset 1
 h17:id	II	1 ... * M	The custodian's id.	CDA-CH V2
 @root	uid	1 ... 1 R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 @extension	st	0 ... 1	Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
 h17:name	ON	1 ... 1 R	The custodian's name.	CDA-CH V2
		 hl7chcda-dataelement-73  organisationName  CDA-CH V2 2017		
 h17:telecom	TEL	0 ... 1	The custodian's means of communication (phone, eMail, ...).	CDA-CH V2
 h17:addr	AD	0 ... 1	The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
		 hl7chcda-dataelement-77  addressInformation  CDA-CH V2 2017		

7.3.2.14 Recipient - informationRecipient

Id	2.16.756.5.30.1.1.10.2.4  hl7chcda-	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)		
Associated with	Associated with 3 concepts		
	Id	Name	Data Set
	hl7chcda-dataelement-239	 Health facility	 CDA-CH V2 2017
	hl7chcda-dataelement-238	 Identifier	 CDA-CH V2 2017
Uses	hl7chcda-dataelement-47	 addressInformation	 CDA-CH V2 2017
	Uses 3 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)
Relationship	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)
	2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)
Specialization: template 2.16.840.1.113883.10.12.105 <i>CDA informationRecipient</i> (2005-09-07) ref ad1bbr-			
Example	Primary Recipient		
	<pre> <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> </pre>		

	<pre> </intendedRecipient> </informationRecipient> </pre>
Example	Other Recipient <pre> <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> </pre>

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 x_Information-Recipient (DYNAMIC)			
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.4	
└─ h17:intendedRecipient		1 ... 1	R		CDA-CH V2
└─ h17:id	II	0 ... *	R	The recipient's identification(s).	CDA-CH V2
 hl7chcda-dataelement-238  Identifier  CDA-CH V2 2017					
└─ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└─ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└─ 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
 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017					
└─ h17: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
 hl7chcda-dataelement-239  Health facility  CDA-CH V2 2017					

7.3.2.15 Legal Authenticator

Id	2.16.756.5.30.1.1.10.2.5 ref hl7chcda-	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)		
Uses	Uses 1 template		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.12	Containment 	Assigned Entity Compilation with id (2020)
Relationship	Specialization: template 2.16.840.1.113883.10.12.106 <i>CDA legalAuthenticator</i> (2005-09-07) ref ad1bbr-		
Example	Example		
	<pre><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></pre>		
Example	Example		
	<pre><legalAuthenticator> <templateId root="2.16.756.5.30.1.1.10.2.5"/> <time value="20150604"/></pre>		

```

<signatureCode code="S"/>
<assignedEntity>
  <id root="2.51.1.3" extension="7601234567890"/>
  <assignedPerson>
    <name>
      <given>Allzeit</given>
      <family>Bereit</family>
      <prefix>Dr. med.</prefix>
    </name>
  </assignedPerson>
  <representedOrganization>
    <id root="2.51.1.3" extension="7608888888888"/>
    <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
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.5	
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the signature.	CDA-CH V2
└ h17:signatureCode	CS	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	F	S	
└ @codeSystem	oid	0	NP	NP/not present	

 @codeSystemName	st	0	NP	NP/not present
 @displayName	st	0	NP	NP/not present
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)		
 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  hl7chcda-	Effective Date	2019-01-01 20:20:44 Other versions this id:  cdach_header_Authenticator as of 2018-04-18
Status	 Draft	Version Label	2020
Name	cdach_header_Authenticator	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)		
Uses	Uses 1 template		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.12	Containment 	Assigned Entity Compilation with id (2020) DYNAMIC

Relationship

Specialization: template 2.16.840.1.113883.10.12.107 CDA authenticator (2005-09-07) ref ad1bbr-

Example

Example

```

<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="76044444444444"/>
    <assignedPerson>
      <name>
        <prefix qualifier="AC">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
└ 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)		
L 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

7.3.2.17 Employer - participant

Id	2.16.756.5.30.1.1.10.2.40 ref hl7chcda-	Effective Date	2019-01-01 21:13:32 Other versions this id: ☐ cdach_header_Employer as of 2018-04-18
Status	● Active	Version Label	2020
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)		
Uses	Uses 2 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.34	Containment ●	Person Name Information Compilation - eCH-0011 (2017)
Relationship	2.16.756.5.30.1.1.10.9.27	Containment ●	Organization Compilation with name, addr, telecom (2017)
	Specialization: template 2.16.840.1.113883.10.12.108 <i>CDA participant</i> (2005-09-07) ref ad1bbr-		

Example

Example

```

<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 extension="empnr" root="2.999"/>
    <code code="EMPLOYER" codeSystem="1.3.6.1.4.1.19376.1.5.3.3" codeSystemName="IHERoleCode"/>
    <scopingOrganization>
      <!-- DMST v3: 4.2 Employeur actuel -->
      <name>Soutien de famille Sarl</name>
      <telecom nullFlavor="UNK"/>
      <addr use="WP">
        <streetAddressLine>bureau de la paie</streetAddressLine>
        <postalCode>1000</postalCode>
        <city>Lausanne</city>
        <country>CH</country>
      </addr>
    </scopingOrganization>
  </associatedEntity>
</participant>

```

Item	DT	Card	Conf	Description	Label
h17:participant		0 ... *		Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.	CDA-CH V2
└ @typeCode	cs	1 ... 1	F	IND	
└ h17:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model of Employer.	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.40	
└ h17:templateId		1 ... *	M	CH-PCC ART-DECOR model of IHE PCC Employer and School Contacts.	CDA-CH V2
└ @root	cs	1 ... 1	F	2.16.756.5.30.1.1.10.2.41	
└ h17:templateId	II	1 ... 1	M	IHE PCC Employer and School Contacts.	CDA-CH V2

└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.2	
└ h17:time	IVL_TS.CH.TZ	0 ... 1		Validity period of contract.	CDA-CH V2
└ h17:low	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
└ h17:high	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
└ h17:associatedEntity		1 ... 1	R		CDA-CH V2
└ @classCode	cs	1 ... 1	F	CON	
└ h17:id	II	0 ... 1	R	The id of the contract ([ge]: Mitarbeiternummer; [fr]: Numéro d'employé).	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
└ h17:code	CE	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.3	
└ @codeSystemName	st	1 ... 1	F	IHERoleCode	
└ @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.756.5.30.1.1.11.77 <i>IHERoleCode Employer and School Contacts</i> (DYNAMIC)			
└ h17:associatedPerson		0 ... 1		Contact person at the employer, school or other affiliated (e.g., volunteer) organization. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation</i> -	CDA-CH V2

				eCH-0011 (DYNAMIC)	
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

7.3.2.18 Insurance - participant

Id	2.16.756.5.30.1.1.10.2.15	ref hl7chcda-	Effective Date	2018-04-18
Status	● Active		Version Label	2017
Name	cdach_header_Insurance		Display Name	Insurance - participant
Description	Information on a patient's insurance. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.15			
Label	CDA-CH V2			
Classification	CDA Header Level Template			
Open/Closed	Open (other than defined elements are allowed)			
Uses	Uses 2 templates			
	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 <i>CDA participant</i> (2005-09-07) ref ad1bbr-			
Example	Example			
	<pre><participant typeCode="COV"> <templateId root="2.16.756.5.30.1.1.10.2.15"/> <time> <low value="20170910"/> <high nullFlavor="NASK"/> </time></pre>			

```

<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="7607777777777777"/>
    <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>

```

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
└ h17:associatedEntity		1 ... 1	R		CDA-CH V2
└ @classCode	CS	1 ... 1	F	PAYOR	
└ h17:id	II	1 ... 1	R	The id of the contract ([ge]: Versichertennummer; [fr]: Numéro d'assuré).	CDA-CH V2

└─ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└─ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
└─ hl7:code	CE	1 ... 1	R	The underlying law for the contract.	CDA-CH V2
└─ @nullFlavor	cs	0 ... 1	F	NAV	
└─ @code	cs	0 ... 1		832.10, 832.20, 221.229.1, 833.1, 831.20	
└─ @codeSystem	oid	0 ... 1	F	2.16.756.5.30.2.1.1.11	
└─ @codeSystemName	st	0 ... 1	F	ins-laws	
└─ @displayName	st	0 ... 1		Federal Act on Health Insurance (HIA), Federal Act on Accident Insurance (AIA), Federal Act on Insurance Policies (Insurance Policies Act, IPA), Federal Act on Military Insurance (MiliA), Federal Act on Invalidity Insurance (InvIA)	
	Schematron assert	role	error		
		test		(@nullFlavor='NAV' and not(@codeSystem or @codeSystemName or @code or @displayName)) or (@codeSystem='2.16.756.5.30.2.1.1.11' and @codeSystemName='ins-laws' and @code and @displayName)	
		Message		Either a valid insurance law or nullFlavor="NAV" is REQUIRED.	
└─ hl7:associatedPerson		0 ... 1		Contact person at the insurance company. Contains 2.16.756.5.30.1.1.10.9.34 <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	ref hl7hcda-	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)			
Uses	Uses 2 templates			
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.34	Containment 	Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC
Relationship	2.16.756.5.30.1.1.10.9.24	Containment 	Organization Compilation with name (2017)	DYNAMIC
	Specialization: template 2.16.840.1.113883.10.12.108 <i>CDA participant</i> (2005-09-07) ref ad1bbr-			
Example	Example			
	<pre> <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> </pre>			

Item	DT	Card	Conf	Description	Label
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.	
└ 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> (DYNA-MIC)	CDA-CH V2

7.3.2.20 Patient Contact - participant

Id	2.16.756.5.30.1.1.10.2.43 ref hl7chcda-	Effective Date	2019-11-19 11:59:25 Other versions this id: ☐ cdach_header_PatientContact as of 2018-04-18
Status	 Active	Version Label	2020
Name	cdach_header_PatientContact	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)		
Associated with	Associated with 1 concept		
	Id	Name	Data Set
	hl7chcda-dataelement-47	 addressInformation	 CDA-CH V2 2017
Uses	Uses 3 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.35	Containment 	Address Information Compilation - eCH-0010 (2017)
	2.16.756.5.30.1.1.10.9.34	Containment 	Person Name Information Compilation - eCH-0011 (2017)
Relationship	2.16.756.5.30.1.1.10.9.24	Containment 	Organization Compilation with name (2017)
	Specialization: template 2.16.840.1.113883.10.12.108 <i>CDA participant</i> (2005-09-07) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.2.4 <i>IHE Patient Contacts</i> (2017-03-21 14:48:53) ref IHE-PCC-		
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"/></pre>		

	<pre><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> <telecom use="HP" value="tel:+41.32.999.99.99"/> <associatedPerson> <name> <family>FILLE</family> <given>Josephine</given> </name> </associatedPerson> </associatedEntity> </participant></pre>				
Example	Caregiver <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="CAREGIVER"> <id root="2.51.1.3" extension="76088888888888"/> <code code="HPOWATT" codeSystem="2.16.840.1.113883.5.111" codeSystemName="HL7RoleCode" displayName="healthcare power of attorney"/> <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></pre>				
Item	DT	Card	Conf	Description	Label

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	
└ hl7:time	IVL_TS.CH.TZ	0 ... 1		Validity period of the participation.	CDA-CH V2
└ hl7:low	TS.CH.TZ	1 ... 1	R	Start of participation.	CDA-CH V2
└ hl7:high	TS.CH.TZ	1 ... 1	R	End of participation.	CDA-CH V2
└ hl7: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	
└ hl7: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.		
└ hl7: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
 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017					
└ hl7:telecom	TEL	0 ... *		The contact's means of communication (phone, eMail, ...).	CDA-CH V2
└ hl7: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
└ hl7: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.		

7.3.2.21 Order Reference - inFulfillmentOf

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

Description

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.16
Label	CDA-CH V2
Classification	CDA Header Level Template
Open/Closed	Open (other than defined elements are allowed)
Relationship	Specialization: template 2.16.840.1.113883.10.12.109 <i>CDA inFulfillmentOf</i> (2005-09-07) ref ad1bbr-

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

Item	DT	Card	Conf	Description	Label
h17:inFulfillmentOf		0 ... *		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16	

└─ hl7:order		1 ... 1	R		CDA-CH V2
└─ hl7:id	II	1 ... *	R	Order number.	CDA-CH V2
└─ @root	uid	1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
└─ @extension	st	0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	

7.3.2.22 Health Service - documentationOf

Id	2.16.756.5.30.1.1.10.2.46 ref hl7chcda-	Effective Date	2019-01-01 20:53:33 Other versions this id: ☐ cdach_header_HealthService as of 2018-04-18
Status	🟡 Draft	Version Label	2019
Name	cdach_header_HealthService	Display Name	Health Service - documentationOf
Description	Information about a health service describing the context of this CDA document. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST use this template by either reference or specialisation.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.2.46		
Label	CDA-CH V2		
Classification	CDA Header Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Uses	Uses 1 template		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.31	Include 🟡	Performer (2020)
Relationship	Specialization: template 2.16.840.1.113883.10.12.110 CDA documentationOf (2005-09-07) ref ad1bbr-		

Example	Case identification and duration			
	<pre> <documentationOf typeCode="DOC"> <templateId root="2.16.756.5.30.1.1.10.2.46"/> <serviceEvent classCode="ACT" moodCode="EVN"> <id root="2.999" extension="FID-124982"/> <code nullFlavor="NAV"/> <effectiveTime> <low value="20190101"/> <high value="20190102"/> </effectiveTime> </serviceEvent> </documentationOf> </pre>			

Item	DT	Card	Conf	Description	Label
h17:documentationOf		0 ... *		Information about a health service describing the context of this CDA document.	CDA-CH V2
└ @typeCode	CS	1 ... 1	F	DOC	
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46	
└ h17:serviceEvent		1 ... 1	R		CDA-CH V2
└ @classCode	CS	1 ... 1	F	ACT	
└ @moodCode	CS	1 ... 1	F	EVN	
└ h17:id	II	0 ... *		Health service identifiers such as case number ([ge]: Fallnummer; [fr]: Numéro de cas), consultation id, episode id, etc.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
└ h17:code	CE	1 ... 1	R	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as trans-	CDA-CH V2

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

				V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.31
└ h17:templateId		1 ... 1	R	CDA-CH V2
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5
└ h17:templateId		1 ... 1	R	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.323
└ h17:time	IVL_TS.CH.TZ	0 ... 1		Duration of the performance. CDA-CH V2
└ h17:low	TS.CH.TZ	1 ... 1	R	Start of the performance. CDA-CH V2
└ h17:high	TS.CH.TZ	1 ... 1	R	End of the performance. CDA-CH V2
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.32 <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 ref hl7chc-da-	Effective Date	2019-01-01 21:22:58 Other versions this id:
Status	 Draft	Version Label	2020
Name	cdach_header_DocumentReplacement	Display Name	Document Replacement - relatedDocument
Description	Relationship to another CDA-CH V2 based document that is replaced by the current one. All CDA-CH V2 derivatives, i.e. Swiss exchange formats MUST reference this template.		

- ☐ cdach_header_DocumentReplacement as of 2018-04-18

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)				
Relationship	Specialization: template 2.16.840.1.113883.10.12.111 <i>CDA relatedDocument</i> (2005-09-07) ref ad1bbr-				
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	CDA-CH V2

				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:setId/@root) and not(@extension) and not(/hl7:ClinicalDocument/hl7:setId/@extension)		
		Message	ClinicalDocument/setId: MUST be identical to the one of the replaced document		
└ hl7:versionNumber	INT	1 ... 1	M	The version number of the document to be replaced.	CDA-CH V2
	Schematron assert	role	error		
		test	/hl7:ClinicalDocument/hl7:versionNumber/@value > @value		

Message

ClinicalDocument/versionNumber: MUST be higher than the one of the replaced document

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)				

Item	DT	Card	Conf	Description	Label
h17:authorization		0 ... *			(CDA...ion)
└ @typeCode		0 ... 1	F	AUTH	
└ h17:consent		1 ... 1			(CDA...ion)
└ @classCode		0 ... 1	F	CONS	
└ @moodCode		0 ... 1	F	EVN	
└ h17:id	II	0 ... *			(CDA...ion)
└ h17:code	CE	0 ... 1			(CDA...ion)
	CONF	shall be drawn from concept domain "ActCode"			

└ h17:statusCode	CS	1 ... 1	R		(CDA...ion)
└ @code	CONF	0 ... 1	F	completed	

7.3.2.25 CDA componentOf

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	ref 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)			
Uses	Uses 3 templates			
	Uses	as	Name	Version
	2.16.840.1.113883.10.12.153	Containment	● CDA AssignedEntity	DYNAMIC
	2.16.840.1.113883.10.12.317	Containment	● CDA Place	DYNAMIC
	2.16.840.1.113883.10.12.151	Containment	● CDA Organization	DYNAMIC

Item	DT	Card	Conf	Description	Label
h17:componentOf		0 ... 1			(CDA...tOf)
└ @typeCode		0 ... 1	F	COMP	
└ h17:encompassingEncounter		1 ... 1			(CDA...tOf)

└ @classCode		0 ... 1	F	ENC	
└ @moodCode		0 ... 1	F	EVN	
└ 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>ActEncounter-Code</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"			
└ hl7:responsibleParty		0 ... 1		Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	(CDA...tOf)
└ @typeCode		0 ... 1	F	RESP	
└ hl7: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 <i>x_EncounterParticipant</i> (DYNAMIC)			
└ hl7:time	IVL_TS	0 ... 1			(CDA...tOf)
└ hl7:assignedEntity		1 ... 1		Contains 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (DYNAMIC)	(CDA...tOf)
└ hl7:location		0 ... 1			(CDA...tOf)
└ @typeCode		0 ... 1	F	LOC	

└─ hl7:healthCareFacility		1 ... 1			(CDA...tOf)
└─ @classCode		0 ... 1	F	SDLOC	
└─ hl7:id	II	0 ... *			(CDA...tOf)
└─ hl7:code	CE	0 ... 1			(CDA...tOf)
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.17660 <i>ServiceDeliveryLocationRoleType</i> (DYNAMIC)			
└─ hl7:location		0 ... 1		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)	(CDA...tOf)
└─ hl7: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

Deux CDA Section Level Templates sont définis, ils peuvent être réutilisés dans tous les formats d’échange CDA:

7.3.3.1 Remarks Section - coded

Id	2.16.756.5.30.1.1.10.3.2 ref hl7chcda-	Effective Date	2018-04-18
Status	 Under pre-publication review	Version Label	2017
Name	cdach_section_RemarksCoded	Display Name	Remarks Section - coded
Description	This section MAY be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.2		
Label	CDA-CH V2		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		

Associated with	Associated with 1 concept			
	Id cdachemed-dataelement-39	Name Allgemeine Bemerkungen*	Data Set Dataset 1	
Uses	Uses 1 template			
	Uses 2.16.756.5.30.1.1.10.4.2	as Containment	Name Annotation Comments (2016)	Version DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.201 <i>CDA Section</i> (DYNAMIC) ref ad1bbr-			
Example	Example			
	<pre><component> <section> <templateId root="2.16.756.5.30.1.1.10.3.2"/> <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/> <title>Kommentar</title> <text> <content ID="comment1"> Es handelt sich beim vorliegenden Dokument um ein Muster zur Illustration. </content> </text> <entry> <!-- template 2.16.756.5.30.1.1.10.4.2 'Annotation Comments' --> </entry> </section> </component></pre>			

Item	DT	Card	Conf	Description	Label
h17:section				This section can be used to provide comments, remarks or other information that cannot be declared in any of the other existing sections in the document.	CDA-CH V2
h17:templateId	II	1 ... 1	R		CDA-CH V2
@root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.3.2	
h17:id	II	0 ... 1		An ID for this section MAY be filled for traceability.	CDA-CH V2

└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ hl7:code	CE	1 ... 1	R		CDA-CH V2
└ @code	cs	1 ... 1	F	48767-8	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 ... 1	F	LOINC	
└ @displayName	st	1 ... 1	F	Annotation comment	
└ hl7:title	ST	1 ... 1	M	Fixed human readable title of this section. [ge]: 'Kommentar' [fr]: 'Commentaire' [it]: 'Osservazione' [en]: 'Comment'	CDA-CH V2
Variable let		Name	languageCode		
		Value	substring(ancestor::cda:ClinicalDocument/cda:languageCode/@code,1,2)		
Schematron assert		role	error		
		test	not(\$languageCode='ge') or (text()='Kommentar')		
		Message	The German title must read 'Kommentar'		
Schematron assert		role	error		
		test	not(\$languageCode='fr') or (text()='Commentaire')		
		Message	The French title must read 'Commentaire'		
Schematron assert		role	error		

		test	not(\$languageCode='it') or (text()='Osservazione')		
		Message	The Italian title must read 'Osservazione'		
		role	● error		
	Schematron assert	test	not(\$languageCode='en') or (text()='Comment')		
		Message	The English title must read 'Comment'		
└ h17:text	SD.TEXT	1 ... 1	M	Human readable text of this section.	CDA-CH V2
└ h17:entry		0 ... *		Contains 2.16.756.5.30.1.1.10.4.2 <i>Annotation Comments</i> (DYNAMIC)	CDA-CH V2
where [hl7:act]					
 cdachemed-dataelement-39  Allgemeine Bemerkungen*  Dataset 1					

7.3.3.2 Original Representation Section - coded

Id	2.16.756.5.30.1.1.10.3.45 ref hl7chcda-	Effective Date	2018-04-18
Status	● Under pre-publication review	Version Label	2017
Name	cdach_section_OriginalRepresentationCoded	Display Name	Original Representation Section - coded
Description			

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

Notes:

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

- Following the recommendations of CDA-CH V2 (2017), embedding the original representation in PDF/A-1a format is therefore strongly recommended.

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.3.45		
Label	CDA-CH V2		
Classification	CDA Section Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Uses	Uses 1 template		
	Uses	as	Name
	2.16.756.5.30.1.1.10.4.83	Containment	Observation Media (2017)
Relationship	Specialization: template 2.16.840.1.113883.10.12.201 CDA Section (2005-09-07) ref ad1bbr-		
Example	Example		
	<pre> <section> <templateId root="2.16.756.5.30.1.1.10.3.45"/> <code code="55108-5" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Clinical presentation"/> <title>Original representation</title> <text> Representation of the original view which has been signed by the legal authenticator:
 <renderMultiMedia referencedObject="pdf1"/> </text> <languageCode/> <entry typeCode="DRIV"> <!-- template 2.16.756.5.30.1.1.10.4.83 'Observation Media' --> </entry> </section> </pre>		

Item	DT	Card	Conf	Description	Label
h17:section				Contains the original representation of the current CDA document as it has been seen by the legal authenticator while signing.	CDA-CH V2
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.3.45	

└ h17:id	II	0 ... 1		An ID for this section MAY be filled for traceability.	CDA-CH V2
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ h17:code	CE	1 ... 1	M		CDA-CH V2
└ @code	CONF	1 ... 1	F	55108-5	
└ @codeSystem		1 ... 1	F	2.16.840.1.113883.6.1 (LOINC)	
└ @codeSystemName		1 ... 1	F	LOINC	
└ @displayName		1 ... 1	F	Clinical presentation	
└ h17:title	ST	1 ... 1	M	Fixed human readable title of this section. ▪ [ge]: 'Original Darstellung' ▪ [fr]: 'Représentation originale' ▪ [it]: 'Rappresentazione originale' ▪ [en]: 'Original representation'	CDA-CH V2
	Variable let	Name	languageCode		
		Value	substring(ancestor::h17:ClinicalDocument/h17:languageCode/@code,1,2)		
	Schematron assert	role	 error		
		test	not(\$languageCode='ge') or (text()='Original Darstellung')		
		Message	The German title must read 'Original Darstellung'		
	Schematron assert	role	 error		
		test	not(\$languageCode='fr') or (text()='Représentation originale')		
		Message	The French title must read 'Représentation originale'		

	Schematron assert	role	● error		
		test	not(\$languageCode='it') or (text()='Rappresentazione originale')		
		Message	The Italian title must read 'Rappresentazione originale'		
	Schematron assert	role	● error		
		test	not(\$languageCode='en') or (text()='Original representation')		
		Message	The English title must read 'Original representation'		
└ h17:text	SD.TEXT	1 ... 1	M	MUST contain the reference (renderMultiMedia/@referencedObject) to the corresponding observation-Media (embedded PDF) that shows the original representation signed by the legal authenticator.	CDA-CH V2
└ h17:renderMultiMedia		1 ... 1	M		CDA-CH V2
└ @referencedObject		1 ... 1	R	The reference to the corresponding observationMedia element.	
└ h17:entry		1 ... 1	M	Contains 2.16.756.5.30.1.1.10.4.83 <i>Observation Media</i> (DYNAMIC)	CDA-CH V2
where [not(@nullFlavor)] [hl7:observationMedia]					
└ @typeCode	st	1 ... 1	F	DRIV	
	Schematron assert	role	● error		
		test	hl7:text/hl7:renderMultiMedia/@referencedObject=hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/@ID		
		Message	The referenced multimedia object MUST be declared in an entry of the same section.		
	Schematron assert	role	● error		
		test	hl7:entry/hl7:observationMedia[hl7:templateId/@root='2.16.756.5.30.1.1.10.4.83']/hl7:value/@mediaType='application/pdf'		
		Message	The referenced multimedia object MUST have the mime type set tp 'application/pdf'.		

Dans tous les cas, il appartient aux formats d'échange dérivés de CDA-CH v2.1 de spécifier l'utilisation des CDA Sections.

7.3.4 CDA Entry Level Templates

Deux Entry Level Templates sont définis, ils peuvent être réutilisés dans tous les formats d'échange CDA:

7.3.4.1 Annotation Comments

Id	2.16.756.5.30.1.1.10.4.2 ref ch-pcc-	Effective Date	2020-04-28 12:04:57 Other versions this id: ☐ chpcc_entry_AnnotationComments as of 2016-11-11
Status	 Under pre-publication review	Version Label	2016
Name	chpcc_entry_AnnotationComments	Display Name	Annotation Comments
Description	This entry allows for a comment to be supplied with each entry.		
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.2		
Label	IHE PCC TF2 Rev.11, 6.3.4.6		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 10 concepts		
	Id	Name	Data Set
	cdachemed-dataelement-73	 Allgemeine Bemerkungen *	 Dataset 1
	cdachemed-dataelement-86	 Allgemeine Bemerkungen *	 Dataset 1
	cdachemed-dataelement-60	 Kommentar *	 Dataset 1

	cdachemed-dataelement-101	Kommentar *	Dataset 1		
	cdachemed-dataelement-35	Kommentar *	Dataset 1		
	cdachemed-dataelement-163	Kommentar *	Dataset 1		
	cdachemed-dataelement-146	Allgemeine Bemerkungen *	Dataset 1		
	cdachemed-dataelement-147	Allgemeine Bemerkungen *	Dataset 1		
	cdachemed-dataelement-142	Allgemeine Bemerkungen *	Dataset 1		
	cdachemed-dataelement-39	Allgemeine Bemerkungen *	Dataset 1		
Uses	Uses 2 templates				
	Uses	as	Name	Version	
	2.16.756.5.30.1.1.10.9.14	Include	Narrative Text Reference (2017)	DYNAMIC	
	2.16.756.5.30.1.1.10.9.54	Containment	Author Compilation with id, name, addr and telecom (2020)	DYNAMIC	
Relationship	Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.4.2 <i>Comment</i> (2013-12-20) ref epsos-				
	Specialization: template 2.16.840.1.113883.10.20.1.40 <i>Befundtext (Anmerkungen und Kommentare)-deprecated</i> (DYNAMIC) ref elga-				
Example	Example				
	<pre><act classCode="ACT" moodCode="EVN"> <templateId root="2.16.756.5.30.1.1.10.4.2"/> <templateId root="2.16.840.1.113883.10.20.1.40"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.4.2"/> <code code="48767-8" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Annotation comment"/> <text> <reference value="#narrtextref"/> </text> <statusCode code="completed"/> </act></pre>				
Item	DT	Card	Conf	Description	Label

h17:act			R	A comment to the parent entry.	IHE PCC TF2 Rev.11, 6.3.4.6
 cdachemed-dataelement-73  Allgemeine Bemerkungen *  Dataset 1 cdachemed-dataelement-86  Allgemeine Bemerkungen *  Dataset 1 cdachemed-dataelement-60  Kommentar *  Dataset 1 cdachemed-dataelement-101  Kommentar *  Dataset 1 cdachemed-dataelement-35  Kommentar *  Dataset 1 cdachemed-dataelement-163  Kommentar *  Dataset 1 cdachemed-dataelement-146  Allgemeine Bemerkungen *  Dataset 1 cdachemed-dataelement-147  Allgemeine Bemerkungen *  Dataset 1 cdachemed-dataelement-142  Allgemeine Bemerkungen *  Dataset 1 cdachemed-dataelement-39  Allgemeine Bemerkungen *  Dataset 1					
 @classCode	cs	1 ... 1	F	ACT	
 @moodCode	cs	1 ... 1	F	EVN	
 h17:templateId	II	1 ... 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.4.2	
 h17:templateId	II	1 ... 1	M		IHE PCC TF2 Rev.11, 6.3.4.6

└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.20.1.40	
└ h17:templateId	II	1 ... 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.4.2	
└ h17:id	II	0 ... 1		An ID for this item MAY be filled for traceability.	IHE PCC TF2 Rev.11, 6.3.4.6
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ h17:code	CD	1 ... 1	M		IHE PCC TF2 Rev.11, 6.3.4.6
└ @code	cs	1 ... 1	F	48767-8	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.6.1	
└ @codeSystemName	st	1 ... 1	F	LOINC	
└ @displayName	st	1 ... 1	F	Annotation comment	
Included		1 ... 1	R	from 2.16.756.5.30.1.1.10.9.14 <i>Narrative Text Reference</i> (DYNAMIC) The reference to the text in the narrative section of the section MUST be specified.	

└ h17:text	ED	1 ... 1	M		CDA-CH V2
└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::h17:structuredBody//*[@ID=\$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').		
└ h17:statusCode	CS	1 ... 1	M	The status 'completed' indicates that the comment is final.	IHE PCC TF2 Rev.11, 6.3.4.6
└ @code	cs	1 ... 1	F	completed	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.20025 ActStatusCompleted (DYNAMIC)			
└ h17:author		0 ... *		The author of the comment MAY be specified. Contains 2.16.756.5.30.1.1.10.9.54 Author Compilation with id, name, addr and telecom (DYNAMIC)	IHE PCC TF2 Rev.11, 6.3.4.6

7.3.4.2 Observation Media

Id	2.16.756.5.30.1.1.10.4.83 ref hl7chcda-	Effective Date	2018-04-18
Status	 Under pre-publication review	Version Label	2017
Name	cdach_entry_ObservationMedia	Display Name	Observation Media
Description			
Multimedia objects (e.g., PDF representations of the CDA document, pictures, Reiber diagrams, electrophoresis, etc.) MAY be integrated into a CDA document, either by reference to external multimedia objects or by means of XML embedding. This template defines only the embedding of multimedia objects in the CDA document. References to external documents can be created with the ExternalDocument template. For embedding in XML, the multimedia objects Base-64 must be encoded. Due to the amount of data, only light objects should be embedded. Heavy objects should be integrated using links to external documents.			
Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.4.83		
Label	CDA-CH V2		
Classification	CDA Entry Level Template		
Open/Closed	Open (other than defined elements are allowed)		
Relationship	Specialization: template 2.16.840.1.113883.10.12.304 <i>CDA ObservationMedia</i> (2005-09-07) ref ad1bbr-		
Example	Example		
	<pre><observationMedia ID="pdf1"> <templateId root="2.16.756.5.30.1.1.10.4.83"/> <id root="2.999" extension="1095634"/> <languageCode code="en-US"/> <value xsi:type="ED" mediaType="application/pdf" representation="B64">JVBERi0xL ... 1DQolJUVPRg==</value> </observationMedia></pre>		

Item	DT	Card	Conf	Description	Label
hl7:observationMedia					CDA-CH V2
 @ID	st	1 ... 1	R	Key for the reference to the narrative part of the document (<renderMultimedia reference-dObject="the Key..."/>)	
 hl7:templateId	II	1 ... 1	M		CDA-CH V2
 @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.4.83	

└ h17:id	II	0 ... *		IDs for this item MAY be filled for traceability.	CDA-CH V2
└ @root	uid	1 ... 1	R	MUST contain the OID of the system that issued the ID. OIDs of code systems, which are published in the public OID registry for the Swiss health care system (oid.refdata.ch) are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└ h17:languageCode	CS	1 ... 1	R	The RFC 1766 (ISO-639-1 and ISO 3166) based language in which the multimedia object is written. If it isn't known or not available (e.g. for pictures), use null-Flavor instead.	CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)			
└ h17:value	ED	1 ... 1	R	The Base-64 encoded multimedia object.	CDA-CH V2
└ @representation	cs	1 ... 1	F	B64	
				Indicates that the object is Base-64 encoded.	
└ @mediaType	cs	1 ... 1	R	Mime type of the multimedia object.	
	CONF	The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14832 <i>ApplicationMediaType</i> (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14835 <i>AudioMediaType</i> (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14839 <i>ImageMediaType</i> (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14848 <i>ModelMediaType</i> (DYNAMIC) or			

				The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14850 <i>MultipartMediaType</i> (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14825 <i>TextMediaType</i> (DYNAMIC) or The value of @mediaType shall be drawn from value set 2.16.840.1.113883.1.11.14845 <i>VideoMediaType</i> (DYNAMIC)	
└ h17:entryRelationship			NP	This template defines only the embedding of multimedia objects in the CDA document.	CDA-CH V2
└ h17:reference			NP	This template defines only the embedding of multimedia objects in the CDA document.	CDA-CH V2

Dans tous les cas, il appartient aux formats d'échange dérivés de CDA-CH v2.1 de spécifier l'utilisation des CDA Entries.

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

Description

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

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

Label	eCH-0010 V7.0 addressInformation		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 11 concepts		
	Id	Name	Data Set
	hl7chcda-dataelement-55	 addressLine2	 CDA-CH V2 2017
	hl7chcda-dataelement-65	 postOfficeBoxNumber	 CDA-CH V2 2017
	hl7chcda-dataelement-58	 locality	 CDA-CH V2 2017
	hl7chcda-dataelement-62	 street	 CDA-CH V2 2017
	hl7chcda-dataelement-154	 foreignZipCode	 CDA-CH V2 2017
	hl7chcda-dataelement-64	 dwellingNumber	 CDA-CH V2 2017
	hl7chcda-dataelement-54	 addressLine1	 CDA-CH V2 2017
	hl7chcda-dataelement-63	 houseNumber	 CDA-CH V2 2017
	hl7chcda-dataelement-151	 swissZipCode	 CDA-CH V2 2017
	hl7chcda-dataelement-59	 town	 CDA-CH V2 2017
	hl7chcda-dataelement-85	 countryIdISO2	 CDA-CH V2 2017
Example	Swiss postal address		
	<pre> <streetAddressLine>c/o Muster Hans</streetAddressLine> <streetAddressLine>Chalet Edelweiss</streetAddressLine> <streetName>Specimengasse</streetName> </pre>		

	<pre> <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> <postalCode>46240</postalCode> <country>US</country> </pre>

Item	DT	Card	Conf	Description	Label
hl7:streetAddressLine	ADXP	0 ... 1		Free additional lines for additional address information which can not be used in the other address fields (e.g. for c/o entries, etc.), with a maximum length of 150 characters. addressLine1 should be used for personalized addressing (e.g., c/o-Address).	eCH-0010 V7.0 addressInformation
hl7chcda-dataelement-54 addressLine1 CDA-CH V2 2017					
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
hl7chcda-dataelement-55 addressLine2 CDA-CH V2 2017					
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
	 hl7chcda-dataelement-62  street  CDA-CH V2 2017				
	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
	 hl7chcda-dataelement-63  houseNumber  CDA-CH V2 2017				
	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
	 hl7chcda-dataelement-64  dwellingNumber  CDA-CH V2 2017				
	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
					

	hl7hcda-dataelement-65  postOfficeBoxNumber  CDA-CH V2 2017				
	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
	 hl7hcda-dataelement-58  locality  CDA-CH V2 2017				
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
	 hl7hcda-dataelement-59  town  CDA-CH V2 2017				
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
	 hl7hcda-dataelement-154  foreignZipCode  CDA-CH V2 2017 hl7hcda-dataelement-151  swissZipCode  CDA-CH V2 2017				
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.	eCH-0010 V7.0 addressInformation

Caution: Political changes or renaming of countries will result in adjustments to the ISO country list. The length of the feature is 2 characters.			
 hl7chcda-dataelement-85  countryIdISO2  CDA-CH V2 2017			
Schematron assert	role	error	
	see	eCH-0010 V7.0, section 5.24.2	
	test	string-length(text()) < 3	
	Message	eCH-0010 restricts the content length to max. 2 characters	
Schematron assert	role	error	
	see	eCH-0007	
	test	not(hl7:state) or not(upper-case(hl7:country/text()='CH') or (upper-case(hl7:state/text()='AG', 'AI', 'AR', 'BE', 'BL', 'BS', 'FL', 'FR', 'GE', 'GL', 'GR', 'JU', 'LU', 'NE', 'NW', 'OW', 'SG', 'SH', 'SO', 'SZ', 'TG', 'TI', 'UR', '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 ref hl7chcda-	Effective Date	2019-10-24 16:53:35 Other versions this id: ☐ cdach_other_AssignedEntityCompilationGlnName as of 2018-04-18
Status	 Active	Version Label	2020
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.

Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 2 concepts		
	Id	Name	Data Set
	hl7chcda-dataelement-47	 addressInformation	 CDA-CH V2 2017
Uses	hl7chcda-dataelement-162	 personIdentification	 CDA-CH V2 2017
	Uses 4 templates		
	Uses	as	Name
Relationship	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)
	2.16.756.5.30.1.1.10.9.30	Containment	 Organization Compilation with GLN and name (2017)
Example	Specialization: template 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC) ref hl7chcda-		
	Specialization: template 2.16.840.1.113883.10.12.153 <i>CDA AssignedEntity</i> (2005-09-07) ref ad1bbr-		
Example	Example		
	<pre> <id root="2.51.1.3" extension="7608888888888888"/> <id root="2.999" extension="p98457u-"/> <addr use="WP"> <streetName>Doktorgasse</streetName> <houseNumber>2</houseNumber> <city>Musterhausen</city> <postalCode>8888</postalCode> <country>CH</country> </addr> <telecom value="tel:+41.32.234.55.66" use="WP"/> <telecom value="fax:+41.32.234.55.67" use="WP"/> <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/> <telecom value="http:www.gruppenpraxis.ch" use="WP"/> <assignedPerson> <name> <given>Allzeit</given> <family>Bereit</family> </name> </assignedPerson> </pre>		

```

    <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
	 hl7chcda-dataelement-162  personIdentification  CDA-CH V2 2017				
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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		shall be drawn from concept domain RoleCode	CDA-CH V2
	CONF	shall be drawn from concept domain "RoleCode"			
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</i> (DYNAMIC) The human-readable text MUST be generated automatically from the structured infor-	

mation of this element. The text element MUST contain the reference to the corresponding text in the human readable part, ONLY.

└ h17:originalText	ED	0 ... 1	C		CDA-CH V2
└ h17:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA-CH V2
└ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <content></content> element.	
	Schematron assert	role	error		
		test	starts-with(@value,'#')		
		Message	The @value attribute content MUST conform to the format '#xxx', where xxx is the ID of the corresponding <content/> element.		
	Variable let	Name	idvalue		
		Value	substring-after(@value,'#')		
	Schematron assert	role	error		
		test	ancestor::h17:structuredBody//*[@ID=\$idvalue]		
		Message	No narrative text found for this reference (no content element within this document has an ID that corresponds to '<value-of select="\$idvalue"/>').		
	Schematron assert	role	error		
		test	parent::*/text()=ancestor::h17:structuredBody//*[@ID=\$idvalue]/text()		
		Message	The originalText content MUST be identical to the narrative text for this reference.		
└ h17:translation		0 ... *		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	R		
└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R		

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
 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017				
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 2.16.756.5.30.1.1.10.9.30 <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 ref hl7chcda-	Effective Date	2019-10-24 16:50:31 Other versions this id: ☐ cdach_other_AssignedEntityCompilationGlnNameAddrTelecomPersonOrgnization as of 2018-04-18
Status	 Active	Version Label	2020
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.

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

Associated with	Associated with 2 concepts		
	Id	Name	Data Set
	hl7chcda-dataelement-47	 addressInformation	 CDA-CH V2 2017
	hl7chcda-dataelement-162	 personIdentification	 CDA-CH V2 2017
Uses	Uses 4 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)
	2.16.756.5.30.1.1.10.9.26	Containment	 Organization Compilation with GLN, name, addr and telecom (2017)
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC) ref hl7chcda-		
	Specialization: template 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC) ref hl7chcda-		
Example	Example		
	<pre> <id root="2.51.1.3" extension="7608888888888"/> <id root="2.999" extension="p98457u-"/> <addr use="WP"> <streetName>Doktorgasse</streetName> <houseNumber>2</houseNumber> <city>Musterhausen</city> <postalCode>8888</postalCode> <country>CH</country> </addr> <telecom value="tel:+41.32.234.55.66" use="WP"/> <telecom value="fax:+41.32.234.55.67" use="WP"/> <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/> <telecom value="http:www.gruppenpraxis.ch" use="WP"/> <assignedPerson> <name> <given>Allzeit</given> <family>Bereit</family> <prefix>Dr. med.</prefix> </name> </assignedPerson> <representedOrganization> <id root="2.51.1.3" extension="7609999999999"/> <name>Gruppenpraxis CH</name> </pre>		

```

<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 ... 1	R	The assigned entity's GLN (including the assigned person's GLN).	CDA V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The GLN itself.	
hl7:id	II	0 ... *	R	Other assigned entity's id (including the assigned person's id).	CDA V2
	 hl7chcda-dataelement-162  personIdentification  CDA-CH V2 2017				
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public CDA 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		shall be drawn from concept domain RoleCode	CDA V2
	CONF			shall be drawn from concept domain "RoleCode"	
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <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 V2

└─ hl7:reference	TEL	1 ... 1	M	The reference to the corresponding text in the human readable part must be specified by reference to content[@ID]: reference[@value='#xxx']	CDA V2
└─ @value		1 ... 1	R	Reference to the narrative part of the section in the format '#xxx', where xxx is the ID of the corresponding <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 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 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA V2

	 hl7chcda-dataelement-47					 addressInformation		 CDA-CH V2 2017	
hl7:telecom	TEL	1 ... *	R	The assigned entity's means of communication (phone, eMail, ...).					CDA 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 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 V2

7.3.5.4 Assigned Entity Compilation with id

Id	2.16.756.5.30.1.1.10.9.12	Effective Date	2019-10-24 16:41:55 Other versions this id: cdach_other_AssignedEntityCompilationId as of 2018-04-18
Status	Active	Version Label	2020
Name	cdach_other_AssignedEntityCompilationId	Display Name	Assigned Entity Compilation with id
Description			
Reusable template wherever an assigned entity with a required id is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 2 concepts		
	Id	Name	Data Set

	hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017																				
	hl7chcda-dataelement-162  personIdentification  CDA-CH V2 2017																				
Uses	Uses 4 templates																				
	<table><tr><th>Uses</th><th>as</th><th>Name</th><th>Version</th></tr><tr><td>2.16.756.5.30.1.1.10.9.49</td><td>Include</td><td> Original Text Reference (2017)</td><td>DYNAMIC</td></tr><tr><td>2.16.756.5.30.1.1.10.9.35</td><td>Containment</td><td> Address Information Compilation - eCH-0010 (2017)</td><td>DYNAMIC</td></tr><tr><td>2.16.756.5.30.1.1.10.9.34</td><td>Containment</td><td> Person Name Information Compilation - eCH-0011 (2017)</td><td>DYNAMIC</td></tr><tr><td>2.16.756.5.30.1.1.10.9.24</td><td>Containment</td><td> Organization Compilation with name (2017)</td><td>DYNAMIC</td></tr></table>	Uses	as	Name	Version	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)	DYNAMIC	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC	2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	DYNAMIC
	Uses	as	Name	Version																	
	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)	DYNAMIC																	
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)	DYNAMIC																	
2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)	DYNAMIC																		
2.16.756.5.30.1.1.10.9.24	Containment	 Organization Compilation with name (2017)	DYNAMIC																		
Relationship	Specialization: template 2.16.840.1.113883.10.12.153 CDA AssignedEntity (2005-09-07)  ref ad1bbr-																				
Example	Example																				
	<pre><id root="2.999" extension="p98457u-"/> <addr use="WP"> <streetName>Doktorgasse</streetName> <houseNumber>2</houseNumber> <city>Musterhausen</city> <postalCode>8888</postalCode> <country>CH</country> </addr> <telecom value="tel:+41.32.234.55.66" use="WP"/> <telecom value="fax:+41.32.234.55.67" use="WP"/> <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/> <telecom value="http:www.gruppenpraxis.ch" use="WP"/> <assignedPerson> <name> <given>Allzeit</given> <family>Bereit</family> <prefix>Dr. med.</prefix> </name> </assignedPerson> <representedOrganization> <id root="2.51.1.3" extension="7609999999999"/> <name>Gruppenpraxis CH</name> <telecom value="tel:+41.32.234.55.66" use="WP"/> <telecom value="fax:+41.32.234.55.67" use="WP"/> <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/> <telecom value="http:www.gruppenpraxis.ch" use="WP"/> <addr use="WP"> <streetName>Doktorgasse</streetName> <houseNumber>2</houseNumber></pre>																				

```

<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
	 hl7chcda-dataelement-162  personIdentification  CDA-CH V2 2017				
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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		shall be drawn from concept domain RoleCode	CDA-CH V2
	CONF	shall be drawn from concept domain "RoleCode"			
Included		0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <i>Original Text Reference</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.		
└ 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	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
	 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017				
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 ref hl7chcda-	Effective Date	2019-10-24 16:38:14 Other versions this id: ☐ cdach_other_AssignedEntityCompilationIdNameAddrTelecomPersonOrganization as of 2018-04-18
Status	 Active	Version Label	2020
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.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 2 concepts		
	Id	Name	Data Set
	hl7chcda-dataelement-47	 addressInformation	 CDA-CH V2 2017
	hl7chcda-dataelement-162	 personIdentification	 CDA-CH V2 2017
Uses	Uses 4 templates		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.49	Include	 Original Text Reference (2017)
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)
	2.16.756.5.30.1.1.10.9.34	Containment	 Person Name Information Compilation - eCH-0011 (2017)
	2.16.756.5.30.1.1.10.9.33	Containment	 Organization Compilation with id, name, addr and telecom (2017)
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC) ref hl7chcda-		

Example

Example

```
<id root="2.999" extension="p98457u-"/>
<addr use="WP">
  <streetName>Doktorgasse</streetName>
  <houseNumber>2</houseNumber>
  <city>Musterhausen</city>
  <postalCode>8888</postalCode>
  <country>CH</country>
</addr>
<telecom value="tel:+41.32.234.55.66" use="WP"/>
<telecom value="fax:+41.32.234.55.67" use="WP"/>
<telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
<telecom value="http:www.gruppenpraxis.ch" use="WP"/>
<assignedPerson>
  <name>
    <given>Allzeit</given>
    <family>Bereit</family>
    <prefix>Dr. med.</prefix>
  </name>
</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="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
	 hl7chcda-dataelement-162			 personIdentification	 CDA-CH V2 2017
 @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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.	

Included	hl7:code	CE	0 ... 1		shall be drawn from concept domain RoleCode	CDA-CH V2
		CONF			shall be drawn from concept domain "RoleCode"	
			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.	
	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
 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017					
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 2.16.756.5.30.1.1.10.9.33 <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   hl7chcda-	Effective Date	2019-09-12 13:48:28 Other versions this id:  cdach_other_Author as of 2018-04-18
Status	 Active	Version Label	2020
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)

Associated with	Associated with 15 concepts		
	Id	Name	Data Set
	cdachemed-dataelement-117	 Timestamp Authorship	 Dataset 1
	cdachemed-dataelement-7	 Identifier	 Dataset 1
	cdachemed-dataelement-84	 Timestamp Authorship	 Dataset 1
	cdachemed-dataelement-3	 Name	 Dataset 1
	cdachemed-dataelement-8	 Health facility	 Dataset 1
	cdachemed-dataelement-115	 Timestamp Authorship	 Dataset 1
	cdachemed-dataelement-42	 Timestamp Authorship	 Dataset 1
	cdachemed-dataelement-116	 Timestamp Authorship	 Dataset 1
	cdachemed-dataelement-6	 First names	 Dataset 1
	cdachemed-dataelement-71	 Timestamp Authorship	 Dataset 1
	cdachemed-dataelement-108	 Abgabedatum * (Medication Dispense) in section.author.time	 Dataset 1
	cdachemed-dataelement-	 Autorin/Autor	 Dataset 1

	ment-2			
	hl7chcda-dataelement-233	 Identifier	 CDA-CH V2 2017	
	hl7chcda-dataelement-234	 Health facility	 CDA-CH V2 2017	
	hl7chcda-dataelement-162	 personIdentification	 CDA-CH V2 2017	
Uses	Uses 4 templates			
	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 CDA author (2005-09-07) ref ad1bbr-			
Example	Sample author			
	<pre><author> <templateId root="2.16.756.5.30.1.1.10.9.23"/> <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> </addr> </representedOrganization> </assignedAuthor> </author></pre>			

```

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

```

Item	DT	Card	Conf	Description	Label
h17:author		1 ... *	R	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
 cdachemed-dataelement-2  Autorin/Autor  Dataset 1					
└ h17:templateId	II	1 ... 1	M		CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23	
└ h17:functionCode	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 <i>ParticipationFunction</i> (DYNAMIC)			
└ h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.	CDA-CH V2
 cdachemed-dataelement-117  Timestamp Authorship  Dataset 1 cdachemed-dataelement-84  Timestamp Authorship  Dataset 1 cdachemed-dataelement-115  Timestamp Authorship  Dataset 1 cdachemed-dataelement-42  Timestamp Authorship  Dataset 1 cdachemed-dataelement-116  Timestamp Authorship  Dataset 1 cdachemed-dataelement-71  Timestamp Authorship  Dataset 1 cdachemed-dataelement-108  Abgabedatum * (Medication Dispense)  Dataset 1 in section.author.time					

└─hl7:assignedAuthor		1 ... 1	R		CDA-CH V2
	Schematron assert	role	error		
		test	not(assignedAuthoringDevice/softwareName) or (representedOrganization)		
		Message	For device authors the element representedOrganization is REQUIRED.		
└─hl7:id	II	1 ... 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
	cdachemed-dataelement-7 Identifier Dataset 1 hl7chcda-dataelement-233 Identifier CDA-CH V2 2017 hl7chcda-dataelement-162 personIdentification CDA-CH V2 2017				
└─@nullFlavor	cs	0 ... 1	F	NAV	
				Temporarily unknown, will be filled later.	
└─@root	cs	0 ... 1	F	2.51.1.3	
				OID for GS1 GLN.	
└─@extension	st	0 ... 1		The GS1 GLN.	
	Schematron assert	role	error		
		test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')		
		Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED		
└─hl7:id	II	0 ... *		Other ids are allowed.	CDA-CH V2
	hl7chcda-dataelement-162 personIdentification CDA-CH V2 2017				
└─@root	cs	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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
			 cdachemed-dataelement-3  Name  Dataset 1  cdachemed-dataelement-6  First names  Dataset 1	
 hl7:assignedAuthoringDevice		0 ... 1	The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2
 hl7:representedOrganization		0 ... 1	The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
			 cdachemed-dataelement-8  Health facility  Dataset 1  hl7hcda-dataelement-234  Health facility  CDA-CH V2 2017	

7.3.5.7 CDA-CH v2.0 Header Template Compilation

Id 2.16.756.5.30.1.1.10.9.36 ref hl7hcda-

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.

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

Uses 22 templates

Uses	as	Name	Version
2.16.756.5.30.1.1.10.2.23	Include ●	Document Id (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.44	Include ●	Document Code (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.19	Include ●	Document Confidentiality Code (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.22	Include ●	Document Language (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.20	Include ●	Document Set Id and Version Number (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.1	Include ●	Patient - recordTarget (2020)	DYNAMIC
2.16.756.5.30.1.1.10.9.23	Include ●	Author (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.7	Include ●	Data Enterer (2017)	DYNAMIC
2.16.840.1.113883.10.12.154	Include ●	CDA Informant	DYNAMIC
2.16.756.5.30.1.1.10.2.3	Include ●	Custodian (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.4	Include ●	Recipient - informationRecipient (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.5	Include ●	Legal Authenticator (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.6	Include ●	Authenticator (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.40	Include ●	Employer - participant (2020)	DYNAMIC

2.16.756.5.30.1.1.10.2.15	Include  Insurance - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.14	Include  Insurance Card - participant (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.43	Include  Patient Contact - participant (2020)	DYNAMIC
2.16.756.5.30.1.1.10.2.16	Include  Order Reference - inFulfillmentOf (2017)	DYNAMIC
2.16.756.5.30.1.1.10.2.46	Include  Health Service - documentationOf (2019)	DYNAMIC
2.16.756.5.30.1.1.10.2.13	Include  Document Replacement - relatedDocument (2020)	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

```
<!-- 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..* -->
```

Example

```
<!-- 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
 cdachemed-dataelement-24  Identification number of the document  Dataset 1  hl7chcda-dataelement-217  Identification number of the document  CDA-CH V2 2017					
└ @root	uid	1 ... 1	R	The document's id as Globally Unique Identifier (GUID).	
└ @extension	st	0	NP	NP/not present	
<i>Included</i>		1 ... 1	M	from 2.16.756.5.30.1.1.10.2.44 <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 from DocumentEntry.type-Code. The exact value of @code and @displayName MUST be specified by the CDA-CH V2 derivative.	CDA-CH V2
 hl7chcda-dataelement-218  Document type  CDA-CH V2 2017					
└ @code	cs	1 ... 1	R	The exact value of @code MUST be specified by the CDA-CH V2 derivative.	
└ @codeSystem	oid	1 ... 1	R		

└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R	The exact value of @displayName MUST be specified by the CDA-CH V2 derivative.	
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.27 <i>DocumentEntry.typeCode</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
	 cdachemed-dataelement-29  Confidentiality level  Dataset 1  hl7chcda-dataelement-222  Confidentiality level  CDA-CH V2 2017				
└ @code	cs	1 ... 1	R	The value of @code MUST be drawn from value set DocumentEntry.confidentialityCode	
└ @codeSystem	oid	1 ... 1	R		
└ @codeSystemName	st	1 ... 1	R		
└ @displayName	st	1 ... 1	R	The value of @displayName MUST be drawn from value set DocumentEntry.confidentialityCode	
	CONF			The value of @code shall be drawn from value set 2.16.756.5.30.1.127.3.10.1.5 <i>DocumentEntry.confidentialityCode</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 RFC5646 based language in which the narrative texts in this CDA document instance are written.	CDA-CH V2
	 cdachemed-dataelement-26  Language of the document  Dataset 1				

		hl7chcda-dataelement-219		 Language of the document	 CDA-CH V2 2017
		CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)		
Included			1 ... 1	R	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.	
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	
		cdachemed-dataelement-30		 Version	 Dataset 1
		hl7chcda-dataelement-223		 Version	 CDA-CH V2 2017
Included			1 ... 1	R	from 2.16.756.5.30.1.1.10.2.1 <i>Patient - recordTarget</i> (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. CDA-CH V2	

				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 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
└ h17:id	II	1 ... *	R	The patient's id.	CDA-CH V2
	cdachemed-dataelement-13 hl7chcda-dataelement-162 hl7chcda-dataelement-228 Identification number personIdentification Identification number Dataset 1 CDA-CH V2 2017 CDA-CH V2 2017				
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		The id itself. It MUST be unique within the issuing system.	
└ h17:addr	AD	0 ... *		The patient's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
	cdachemed-dataelement-14 hl7chcda-dataelement-47 hl7chcda-dataelement-229 Address (es) addressInformation Address (es) Dataset 1 CDA-CH V2 2017 CDA-CH V2 2017				
└ h17:telecom	TEL	0 ... *		The patient's means of communication (phone, eMail, ...).	CDA-CH V2
└ h17:patient		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</i> (DYNAMIC)	CDA-CH V2
	cdachemed-dataelement-5 Patient/Patientin Dataset 1				
└ h17:administrativeGenderCode	CE	1 ... 1	R	The patient's gender	CDA-CH V2
	cdachemed-dataelement-12 hl7chcda-dataelement-227 hl7chcda-dataelement-183 Gender Gender sex Dataset 1 CDA-CH V2 2017 CDA-CH V2 2017				

└ @code	cs	1 ... 1	R	
└ @codeSystem	oid	1 ... 1	F	2.16.840.1.113883.5.1
└ @codeSystemName	st	1 ... 1	F	HL7 AdministrativeGender
└ @displayName	st	1 ... 1	R	

└ hl7:birthTime	TS.CH.TZ	1 ... 1	R	The patient's birthdate.	CDA-CH V2
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⦿ cdachemed-dataelement-11	● Date of birth	● Dataset 1
hl7chcda-dataelement-181	● dateOfBirth	● CDA-CH V2 2017
hl7chcda-dataelement-226	● Date of birth	● CDA-CH V2 2017

└ hl7:maritalStatusCode	CE	0 ... 1		The patient's marital status.	CDA-CH V2
-------------------------	----	---------	--	-------------------------------	-----------

⦿ hl7chcda-dataelement-186	● maritalStatus	● CDA-CH V2 2017
----------------------------	-----------------	------------------

└ @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
		 hl7chcda-dataelement-184  religion  CDA-CH V2 2017				
	└ @nullFlavor	cs	0 ... 1	F	NAV	
	└ @code	cs	0 ... 1			
	└ @codeSystem	oid	0 ... 1			
	└ @codeSystemName	st	0 ... 1			
	└ @displayName	st	0 ... 1			
Included			0 ... 1	C	from 2.16.756.5.30.1.1.10.9.49 <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.

 <code>hl7:guardian</code>		0 ... *		The patient's guardian.	CDA-CH V2
 <code>hl7:id</code>	II	0 ... *		The guardian'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>hl7:code</code>	CE	0 ... 1		The guardian'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.		
└ 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
 hl7chcda-dataelement-47  addressInformation  CDA-CH V2 2017					
└ hl7:telecom	TEL	0 ... *		The guardian's means of communication (phone, eMail, ...).	CDA-CH V2
Choice		Elements to choose from:			
		1 ... 1	- 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

 hl7chcda-dataelement-182  placeOfBirth  CDA-CH V2 2017					
└ 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
└ hl7:languageCommunication		0 ... *		The patient's language skills.	CDA-CH V2
└ hl7:languageCode	CS	1 ... 1			CDA-CH V2
 hl7chcda-dataelement-164  languageOfCorrespondance  CDA-CH V2 2017					
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.11526 <i>HumanLanguage</i> (DYNAMIC)			
└ hl7:modeCode	CE	0 ... 1			CDA-CH V2
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.12249 <i>LanguageAbility-Mode</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>LanguageAbility-Proficiency</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

Included		1 ... *	M	from 2.16.756.5.30.1.1.10.9.23 <i>Author</i> (DYNAMIC)	
h17:author		1 ... *	M	Information about the author of a CDA document, section or entry. An author MAY be a person or a device.	CDA-CH V2
	cdachemed-dataelement-2			Autorin/Autor	Dataset 1
h17:templateId	II	1 ... 1	M		CDA-CH V2
@root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.9.23	
h17:functionCode	CE	0 ... 1			CDA-CH V2
	CONF			The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10267 <i>ParticipationFunction</i> (DYNAMIC)	
h17:time	TS.CH.TZ	1 ... 1	R	Timestamp of the authorship.	CDA-CH V2
h17:assignedAuthor		1 ... 1	R		CDA-CH V2
	Schematron assert	role	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
	cdachemed-dataelement-7			Identifier	Dataset 1
	hl7chcda-dataelement-233			Identifier	CDA-CH V2 2017
	hl7chcda-dataelement-162			personIdentification	CDA-CH V2 2017
@nullFlavor	cs	0 ... 1	F	NAV	

				Temporarily unknown, will be filled later.	
└ @root	cs	0 ... 1	F	2.51.1.3	
				OID for GS1 GLN.	
└ @extension	st	0 ... 1		The GS1 GLN.	
		Schematron assert	role	error	
			test	(@root='2.51.1.3' and @extension) or (@nullFlavor='NAV')	
			Message	Either the GS1 GLN or nullFlavor='NAV' is REQUIRED	
└ hl7:id	II	0 ... *		Other ids are allowed.	CDA-CH V2
		hl7chcda-dataelement-162 personIdentification CDA-CH V2 2017			
└ @root	cs	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public 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
		Elements to choose from:			
Choice		1 ... 1		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

	 cdachemed-dataelement-3  Name  Dataset 1  cdachemed-dataelement-6  First names  Dataset 1				
h17:assignedAuthoringDevice		0 ... 1		The author as a device. Contains 2.16.756.5.30.1.1.10.9.21 <i>Device Compilation with name</i> (DYNAMIC)	CDA-CH V2
h17:representedOrganization		0 ... 1		The author's organization. Contains 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC)	CDA-CH V2
	 cdachemed-dataelement-8  Health facility  Dataset 1  h17chcda-dataelement-234  Health facility  CDA-CH V2 2017				
Included		0 ... 1		from 2.16.756.5.30.1.1.10.2.7 <i>Data Enterer</i> (DYNAMIC)	
h17:dataEnterer		0 ... 1		Information about the person that entered information in this CDA document. It SHALL be declared, when data recorded in this document has been entered by a person other than the author but only when this is relevant for some reason.	CDA-CH V2
h17:templateId	II	1 ... 1	M		CDA-CH V2
@root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.7	
h17:time	TS.CH.TZ	0 ... 1		Timestamp of the data input.	CDA-CH V2
h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.840.1.113883.10.12.154 <i>CDA Informant</i> (DYNAMIC)	
h17:informant		0 ... *			CDA-CH V2
@typeCode		0 ... 1	F	INF	
@contextControlCode		0 ... 1	F	OP	

		Elements to choose from:			
Choice		1 ... 1		- 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
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
		 hl7chcda-dataelement-73  organisationName  CDA-CH V2 2017			
hl7:telecom	TEL	0 ... 1		The custodian's means of communication (phone, eMail, ...).	CDA-CH V2

└─ hl7:addr	AD	0 ... 1		The custodian's address(es). Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
 hl7chcda-dataelement-77  addressInformation  CDA-CH V2 2017					
Included		1 ... *	M	from 2.16.756.5.30.1.1.10.2.4 <i>Recipient - informationRecipient</i> (DYNAMIC)	
hl7: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 x_ <i>Information-Recipient</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
hl7chcda-dataelement-238 Identifier CDA-CH V2 2017					
└─ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└─ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
└─ 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
hl7chcda-dataelement-47 addressInformation CDA-CH V2 2017					
└─ hl7:telecom	TEL	0 ... *		The recipient's means of communication (phone, eMail, ...).	CDA-CH V2
└─ hl7:informationRecipient		0 ... 1		The addressee person. Contains 2.16.756.5.30.1.1.10.9.34 <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
hl7chcda-dataelement-239 Health facility CDA-CH V2 2017					
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	

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

└ @displayName	st	0	NP	NP/not present	
	CONF	The value of @code shall be drawn from value set 2.16.840.1.113883.1.11.10282 <i>ParticipationSignature</i> (DYNAMIC)			
└ h17:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.12 <i>Assigned Entity Compilation with id</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.40 <i>Employer - participant</i> (DYNAMIC)	
h17:participant		0 ... *		Information on the patient's employer, school or other affiliated (e.g., volunteer) organization.	CDA-CH V2
└ @typeCode	cs	1 ... 1	F	IND	
└ h17:templateId	II	1 ... 1	M	CDA-CH v2.0 ART-DECOR model of Employer.	CDA-CH V2
└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.40	
└ h17:templateId		1 ... *	M	CH-PCC ART-DECOR model of IHE PCC Employer and School Contacts.	CDA-CH V2
└ @root	cs	1 ... 1	F	2.16.756.5.30.1.1.10.2.41	
└ h17:templateId	II	1 ... 1	M	IHE PCC Employer and School Contacts.	CDA-CH V2
└ @root	uid	1 ... 1	F	1.3.6.1.4.1.19376.1.5.3.1.2.2	
└ h17:time	IVL_TS.CH.TZ	0 ... 1		Validity period of contract.	CDA-CH V2
└ h17:low	TS.CH.TZ	1 ... 1	R	Start of the contract.	CDA-CH V2
└ h17:high	TS.CH.TZ	1 ... 1	R	End of the contract.	CDA-CH V2
└ h17:associatedEntity		1 ... 1	R		CDA-CH V2

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

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

└ @classCode				The classCode attribute SHALL be present, and contains a value from the following set: AGNT: agents of the patient CAREGIVER: care givers ECON: emergency contacts NOK: next of kin PRS: other relations	
	cs	1 ... 1	R		
└ h17:code	CE	1 ... 1	R	The contact's role.	CDA-CH V2
└ @nullFlavor	cs	0 ... 1			
└ @code	cs	0 ... 1			
└ @codeSystem	oid	0 ... 1	F	2.16.840.1.113883.5.111	
└ @codeSystemName	st	0 ... 1	F	HL7RoleCode	
└ @displayName	st	0 ... 1			
		role	● error		
	Schematron assert	test		(not(@nullFlavor) and @displayName and @code and @codeSystem and @codeSystemName) or (@nullFlavor and not(@displayName or @code or @codeSystem or @codeSystemName))	
		Message		Either nullFlavor or a valid code is required.	
└ h17:addr	AD	0 ... *		The contact's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
	hl7chcda-dataelement-47	addressInformation		CDA-CH V2 2017	
└ h17:telecom	TEL	0 ... *		The contact's means of communication (phone, eMail, ...).	CDA-CH V2
└ h17:associatedPerson		0 ... 1	C	The contact person. Contains 2.16.756.5.30.1.1.10.9.34 <i>Person Name Information Compilation - eCH-0011</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)	
h17:inFulfillmentOf		0 ... *		Reference to one or more orders which led to the creation of this CDA document. It SHALL be declared, when the order reference is relevant for some reason.	CDA-CH V2
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.16	
└─ h17:order		1 ... 1	R		CDA-CH V2
└─ h17:id	II	1 ... *	R	Order number.	CDA-CH V2
└─ @root	uid	1 ... 1	R	Either the same GUID (order id) or the same OID (order issuing system) as the order itself.	
└─ @extension	st	0 ... 1		Contains the order ID itself. The ID MUST be unique within the system that issued the ID.	
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.46 <i>Health Service - documentationOf</i> (DYNAMIC)	
h17:documentationOf		0 ... *		Information about a health service describing the context of this CDA document.	CDA-CH V2
└─ @typeCode	cs	1 ... 1	F	DOC	
└─ h17:templateId	II	1 ... 1	M		CDA-CH V2

└ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.46	
└ 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.	
└ hl7:code	CE	1 ... 1	R	As long as the eventCodeList for the Swiss EPR metadata is not defined yet by the FDHA Ordinance on the Electronic Patient Record (EPRO-FDHA), the nullFlavor='NAV' MUST be used in this template. Other codes MAY be declared as translation.	CDA-CH V2
└ @nullFlavor	st	1 ... 1	F	NAV	
└ @code	cs	0	NP	NP/not present	
└ @codeSystem	oid	0	NP	NP/not present	
└ @codeSystemName	st	0	NP	NP/not present	
└ @displayName	st	0	NP	NP/not present	
└ hl7:translation		0 ... *		A translation of the code to another coding system.	CDA-CH V2
└ @code	cs	1 ... 1	R		
└ @codeSystem	oid	1 ... 1	R		

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

└─ hl7:assignedEntity		1 ... 1	R	Contains 2.16.756.5.30.1.1.10.9.32 <i>Assigned Entity Compilation with id, name, addr, telecom, person and organization</i> (DYNAMIC)	CDA-CH V2
Included		0 ... *		from 2.16.756.5.30.1.1.10.2.13 <i>Document Replacement - relatedDocument</i> (DYNAMIC)	
hl7:relatedDocument		0 ... *		Relationship to another CDA-CH V2 based document that is replaced by the current one. Notes: For correction of wrong information, a new document that replaces the earlier document MUST be created. The new document corrects previously incorrect information. This also applies to the case where information in the CDA header has been corrected (e.g., if the original document has been issued to the wrong patient). While processing the new document at the recipient, all values from the previous document MUST be interpreted as deprecated (deleted/marked as deleted/deprecated) and all values in the new document MUST be marked as valid: ▪ Values that were only contained in the previous document have to be treated as deleted. ▪ Values that are present in both documents are overwritten with the contents of the new document. ▪ Values that are only contained in the new document are to be added.	CDA-CH V2
└─ @typeCode	cs	1 ... 1	F	RPLC	
				Indicates that it is a relationship to another document that needs to be replaced.	
└─ hl7:templateId	II	1 ... 1	M		CDA-CH V2
└─ @root	uid	1 ... 1	F	2.16.756.5.30.1.1.10.2.13	

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

└ @classCode		0 ... 1	F	CONS	
└ @moodCode		0 ... 1	F	EVN	
└ hl7:id	II	0 ... *			CDA-CH V2
└ hl7:code	CE	0 ... 1			CDA-CH V2
	CONF	shall be drawn from concept domain "ActCode"			
└ hl7: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)	
hl7:componentOf		0 ... 1			CDA-CH V2
└ @typeCode		0 ... 1	F	COMP	
└ hl7:encompassingEncounter		1 ... 1			CDA-CH V2
└ @classCode		0 ... 1	F	ENC	
└ @moodCode		0 ... 1	F	EVN	
└ hl7:id	II	0 ... *			CDA-CH V2
└ hl7: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)			
└ hl7: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_Encounter-Participant (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 ServiceDeliveryLocationRoleType (DYNAMIC)			

 <code>hl7:location</code>		0 ... 1		Contains 2.16.840.1.113883.10.12.317 <i>CDA Place</i> (DYNAMIC)	CDA-CH V2
 <code>hl7:serviceProviderOrganization</code>		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  hl7chcda-	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_DeviceCompilationWithName	Display Name	Device Compilation with name
Description			
Reusable template wherever a device with required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation. A device is either a physical device (e.g. analyzer with which laboratory results are determined) or a software (e.g. laboratory information system, in which laboratory results are documented).			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Relationship	Specialization: template 2.16.840.1.113883.10.12.315 <i>CDA Device</i> (2005-09-07)  ad1bbr-		
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 ref hl7hcda-	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_other_TextElementWithReferenceToNarrativeText	Display Name	Narrative Text Reference
Description			
Reusable template wherever a text reference to the corresponding text in the human readable part (narrative text) is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
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 <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> ').

7.3.5.10 Organization Compilation with GLN and name

Id	2.16.756.5.30.1.1.10.9.30 hl7chcda-	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.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 4 concepts		
	Id	Name	Data Set
	hl7chcda-dataele-	organisationName	CDA-CH V2 2017

	ment-73				
	hl7chcda-dataelement-75		organisationNameAddOn2		CDA-CH V2 2017
	hl7chcda-dataelement-77		addressInformation		CDA-CH V2 2017
	hl7chcda-dataelement-74		organisationNameAddOn1		CDA-CH V2 2017
Uses	Uses 1 template				
	Uses	as	Name		Version
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)		DYNAMIC
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC) ref hl7chcda-				
Example	Example				
	<pre><id root="2.51.1.3" extension="760111111111"/> <name>Fuchsbau Medical Services AG</name></pre>				

Item	DT	Card	Conf	Description	Label
hl7:id	II	1 ... 1	R	The organization's id (GLN).	CDA-CH V2
└ @root	uid	1 ... 1	F	2.51.1.3	
└ @extension	st	1 ... 1	R	The organization's GLN.	
hl7:id	II	0 ... *		Other organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	ON	1 ... *	R	The organization's name.	CDA-CH V2

		hl7chcda-dataelement-73 organisationName CDA-CH V2 2017 hl7chcda-dataelement-75 organisationNameAddOn2 CDA-CH V2 2017 hl7chcda-dataelement-74 organisationNameAddOn1 CDA-CH V2 2017			
hl7:telecom	TEL	0 ... *		The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	AD	0 ... *		The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 <i>Address Information Compilation - eCH-0010</i> (DYNAMIC)	CDA-CH V2
		hl7chcda-dataelement-77 addressInformation CDA-CH V2 2017			

7.3.5.11 Organization Compilation with GLN, name, addr and telecom

Id	2.16.756.5.30.1.1.10.9.26 ref hl7chcda-	Effective Date	2018-04-18
Status	Active	Version Label	2017
Name	cdach_other_OrganizationCompilationGlnNameAddrTelecom	Display Name	Organization Compilation with GLN, name, addr and telecom
Description Reusable template wherever an organization with required GLN as id, name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 4 concepts		
	Id	Name	Data Set
	hl7chcda-dataelement-75	organisationNameAddOn2	CDA-CH V2 2017

	hl7chcda-dataelement-73	 organisationName	 CDA-CH V2 2017	
	hl7chcda-dataelement-77	 addressInformation	 CDA-CH V2 2017	
	hl7chcda-dataelement-74	 organisationNameAddOn1	 CDA-CH V2 2017	
Uses	Uses 1 template			
	Uses	as	Name	Version
	2.16.756.5.30.1.1.10.9.35	Containment 	Address Information Compilation - eCH-0010 (2017)	DYNAMIC
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.33 <i>Organization Compilation with id, name, addr and telecom</i> (DYNAMIC) ref hl7chcda-			
Example	Example			
	<pre><id root="2.51.1.3" extension="7601111111111111"/> <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></pre>			

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

 @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
 @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
 hl7chcda-dataelement-75  organisationNameAddOn2  CDA-CH V2 2017  hl7chcda-dataelement-73  organisationName  CDA-CH V2 2017  hl7chcda-dataelement-74  organisationNameAddOn1  CDA-CH V2 2017					
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
 hl7chcda-dataelement-77  addressInformation  CDA-CH V2 2017					

7.3.5.12 Organization Compilation with id, name, addr and telecom

Id	2.16.756.5.30.1.1.10.9.33  hl7chcda-	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_OrganizationCompilationIdNameAddrTelecom	Display Name	Organization Compilation with id, name, addr and telecom
Description Reusable template wherever an organization with required id, name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		

Open/Closed	Open (other than defined elements are allowed)																			
Associated with	Associated with 4 concepts																			
	<table><thead><tr><th>Id</th><th>Name</th><th>Data Set</th></tr></thead><tbody><tr><td>hl7chcda-dataelement-75</td><td> organisationNameAddOn2</td><td> CDA-CH V2 2017</td></tr><tr><td>hl7chcda-dataelement-73</td><td> organisationName</td><td> CDA-CH V2 2017</td></tr><tr><td>hl7chcda-dataelement-77</td><td> addressInformation</td><td> CDA-CH V2 2017</td></tr><tr><td>hl7chcda-dataelement-74</td><td> organisationNameAddOn1</td><td> CDA-CH V2 2017</td></tr></tbody></table>					Id	Name	Data Set	hl7chcda-dataelement-75	organisationNameAddOn2	CDA-CH V2 2017	hl7chcda-dataelement-73	organisationName	CDA-CH V2 2017	hl7chcda-dataelement-77	addressInformation	CDA-CH V2 2017	hl7chcda-dataelement-74	organisationNameAddOn1	CDA-CH V2 2017
	Id	Name	Data Set																	
	hl7chcda-dataelement-75	organisationNameAddOn2	CDA-CH V2 2017																	
	hl7chcda-dataelement-73	organisationName	CDA-CH V2 2017																	
hl7chcda-dataelement-77	addressInformation	CDA-CH V2 2017																		
hl7chcda-dataelement-74	organisationNameAddOn1	CDA-CH V2 2017																		
Uses	Uses 1 template																			
	<table><thead><tr><th>Uses</th><th>as</th><th>Name</th><th>Version</th></tr></thead><tbody><tr><td>2.16.756.5.30.1.1.10.9.35</td><td>Containment</td><td> Address Information Compilation - eCH-0010 (2017)</td><td>DYNAMIC</td></tr></tbody></table>					Uses	as	Name	Version	2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC							
Uses	as	Name	Version																	
2.16.756.5.30.1.1.10.9.35	Containment	Address Information Compilation - eCH-0010 (2017)	DYNAMIC																	
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.27 <i>Organization Compilation with name, addr, telecom</i> (DYNAMIC) ref hl7chcda-																			
Example	Example <pre><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></pre>																			

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
 hl7chcda-dataelement-75  organisationNameAddOn2  CDA-CH V2 2017  hl7chcda-dataelement-73  organisationName  CDA-CH V2 2017  hl7chcda-dataelement-74  organisationNameAddOn1  CDA-CH V2 2017					
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
 hl7chcda-dataelement-77  addressInformation  CDA-CH V2 2017					

7.3.5.13 Organization Compilation with name

Id	2.16.756.5.30.1.1.10.9.24  ref hl7chcda-	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_OrganizationCompilationWithName	Display Name	Organization Compilation with name
Description Reusable template wherever an organization with required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		

Associated with	Associated with 4 concepts				
	Id		Name		Data Set
	hl7chcda-dataelement-75		 organisationNameAddOn2		 CDA-CH V2 2017
	hl7chcda-dataelement-73		 organisationName		 CDA-CH V2 2017
	hl7chcda-dataelement-77		 addressInformation		 CDA-CH V2 2017
	hl7chcda-dataelement-74		 organisationNameAddOn1		 CDA-CH V2 2017
Uses	Uses 1 template				
	Uses	as	Name		Version
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)		DYNAMIC
Relationship	Specialization: template 2.16.840.1.113883.10.12.151 CDA Organization (2005-09-07) ref ad1bbr-				
Example	Example				
	<name>Fuchsbau Medical Services AG</name>				

Item	DT	Card	Conf	Description	Label
hl7:id	II	0 ... *		The organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
 hl7chcda-dataelement-75 organisationNameAddOn2 CDA-CH V2 2017 hl7chcda-dataelement-73 organisationName CDA-CH V2 2017					

	hl7hcda-dataelement-74 organisationNameAddOn1 CDA-CH V2 2017				
hl7:telecom	TEL	0 ... *		The organization's means of communication (phone, eMail, ...).	CDA-CH V2
hl7:addr	AD	0 ... *		The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)	CDA-CH V2
	hl7hcda-dataelement-77 addressInformation CDA-CH V2 2017				

7.3.5.14 Organization Compilation with name, addr, telecom

Id	2.16.756.5.30.1.1.10.9.27  hl7chcda-	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_OrganizationCompilationWithNameAddrTelecom	Display Name	Organization Compilation with name, addr, telecom
Description Reusable template wherever an organization with required name, address and communication means is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Associated with	Associated with 4 concepts		
	Id	Name	Data Set
	hl7chcda-dataelement-75	 organisationNameAddOn2	 CDA-CH V2 2017
	hl7chcda-dataelement-73	 organisationName	 CDA-CH V2 2017

	hl7chcda-dataelement-77		addressInformation		CDA-CH V2 2017
	hl7chcda-dataelement-74		organisationNameAddOn1		CDA-CH V2 2017
Uses	Uses 1 template				
	Uses	as	Name		Version
	2.16.756.5.30.1.1.10.9.35	Containment	 Address Information Compilation - eCH-0010 (2017)		DYNAMIC
Relationship	Specialization: template 2.16.756.5.30.1.1.10.9.24 <i>Organization Compilation with name</i> (DYNAMIC) ref hl7chcda-				
Example	Example				
	<pre><name>Fuchsbaue Medical Services AG</name> <telecom value="tel:+41.99.888.77.66" use="WP"/> <telecom value="mailto:info@fuchsbaue-medical-services.ch" use="WP"/> <telecom value="https://fuchsbaue-medical-services.ch" use="WP"/> <addr> <streetName>Specimengasse</streetName> <houseNumber>99</houseNumber> <city>Musterhausen</city> <postalCode>9999</postalCode> <country>CH</country> </addr></pre>				

Item	DT	Card	Conf	Description	Label
hl7:id	II	0 ... *	R	The organization's id.	CDA-CH V2
└ @root	uid	1 ... 1	R	The OID of the system that issued the id. OIDs of code systems, which are published in a public OID registry are REQUIRED. Others are NOT ALLOWED.	
└ @extension	st	0 ... 1		Contains the ID itself. The ID MUST be unique within the system that issued the ID.	
hl7:name	ON	1 ... *	R	The organization's name.	CDA-CH V2
 hl7chcda-dataelement-75 organisationNameAddOn2 CDA-CH V2 2017 hl7chcda-dataelement-73 organisationName CDA-CH V2 2017					

	hl7hcda-dataelement-74 organisationNameAddOn1 CDA-CH V2 2017					
hl7:telecom	TEL	1 ... *	R	The organization's means of communication (phone, eMail, ...).		CDA-CH V2
hl7:addr	AD	1 ... *	R	The organization's address. Contains 2.16.756.5.30.1.1.10.9.35 Address Information Compilation - eCH-0010 (DYNAMIC)		CDA-CH V2
	hl7hcda-dataelement-77 addressInformation CDA-CH V2 2017					

7.3.5.15 Original Text Reference

Id	2.16.756.5.30.1.1.10.9.49 ref hl7chcda-	Effective Date	2018-04-18
Status	● Active	Version Label	2017
Name	cdach_other_OriginalTextElementWithReferenceToNarrativeText	Display Name	Original Text Reference
Description			
Reusable template wherever a original text reference to the corresponding text in the human readable part (narrative text) is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Example	Example		
	<pre><originalText> demo <reference value="#nartext1"/> </originalText></pre>		

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 <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.		

7.3.5.16 Performer

Id	2.16.756.5.30.1.1.10.9.31	ref hl7chc-da-	Effective Date	2018-12-24 19:51:04 Other versions this id:
Status	 Draft		Version Label	2020
Name	cdach_other_Performer		Display Name	Performer
Description				

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

Context	Parent nodes of template element with id 2.16.756.5.30.1.1.10.9.31		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Uses	Uses 1 template		
	Uses	as	Name
	2.16.756.5.30.1.1.10.9.32	Containment	Assigned Entity Compilation with id, name, addr, telecom, person and organization (2020)
Relationship	Specialization: template 2.16.840.1.113883.10.12.323 <i>CDA Performer (Body)</i> (DYNAMIC) ref ad1bbr- Specialization: template 1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5 <i>IHE Performer</i> (2017-04-13 21:00:16) ref IHE-PCC-		
Example	Example		
	<pre> <performer typeCode="PRF"> <templateId root="2.16.756.5.30.1.1.10.9.31"/> <templateId root="2.16.840.1.113883.10.12.323"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.24.3.5"/> <time> <low nullFlavor="NASK"/> <high nullFlavor="NASK"/> </time> <assignedEntity> <id root="2.999" extension="p98457u-"/> <code code="309343006" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED CT" displayName="Physician"/> <addr use="WP"> <streetName>Doktorgasse</streetName> <houseNumber>2</houseNumber> <city>Musterhausen</city> <postalCode>8888</postalCode> <country>CH</country> </addr> <telecom value="tel:+41.32.234.55.66" use="WP"/> <telecom value="fax:+41.32.234.55.67" use="WP"/> <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/> <telecom value="http:www.gruppenpraxis.ch" use="WP"/> <assignedPerson> <name> <given>Allzeit</given> <family>Bereit</family> <prefix>Dr. med.</prefix> </name> </assignedPerson> </assignedEntity> </performer> </pre>		

```

</assignedPerson>
<representedOrganization>
  <id root="2.51.1.3" extension="7609999999999"/>
  <name>Gruppenpraxis CH</name>
  <telecom value="tel:+41.32.234.55.66" use="WP"/>
  <telecom value="fax:+41.32.234.55.67" use="WP"/>
  <telecom value="mailto:bereit@gruppenpraxis.ch" use="WP"/>
  <telecom value="http:www.gruppenpraxis.ch" use="WP"/>
  <addr use="WP">
    <streetName>Doktorgasse</streetName>
    <houseNumber>2</houseNumber>
    <city>Musterhausen</city>
    <postalCode>8888</postalCode>
    <country>CH</country>
  </addr>
</representedOrganization>
</assignedEntity>
</performer>

```

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	
└ h17: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	
└ h17:templateId		1 ... 1	R		(cda...mer)
└ @root	uid	1 ... 1	F	2.16.840.1.113883.10.12.323	
└ h17:time	IVL_TS.CH.TZ	0 ... 1		Duration of the performance.	(cda...mer)
└ h17:low	TS.CH.TZ	1 ... 1	R	Start of the performance.	(cda...mer)

└ h17:high	TS.CH.TZ	1 ... 1	R	End of the performance.	(cda...mer)
└ 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...mer)

7.3.5.17 Person Name Information Compilation - eCH-0011

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

Description

Person name information (with required family and given name) according to the eCH-0011 V8.1 nameData data type. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.
See <https://www.ech.ch/vechweb/page?p=dossier&documentNumber=eCH-0011&documentVersion=8.1>, section 3.3.2 nameData – Namensangaben for more information.

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

Associated with	Associated with 23 concepts		
	Id	Name	Data Set
	cdachemed-dataelement-3	 Name	 Dataset 1
	cdachemed-dataelement-6	 First names	 Dataset 1
	cdachemed-dataelement-10	 First names	 Dataset 1
	cdachemed-dataelement-9	 Names	 Dataset 1

hl7chcda-dataelement-224	 Names	 CDA-CH V2 2017
hl7chcda-dataelement-44	 title	 CDA-CH V2 2017
hl7chcda-dataelement-225	 First names	 CDA-CH V2 2017
hl7chcda-dataelement-173	 callName	 CDA-CH V2 2017
hl7chcda-dataelement-232	 First names	 CDA-CH V2 2017
hl7chcda-dataelement-237	 First names	 CDA-CH V2 2017
hl7chcda-dataelement-156	 nameData	 CDA-CH V2 2017
hl7chcda-dataelement-178	 firstName	 CDA-CH V2 2017
hl7chcda-dataelement-177	 name	 CDA-CH V2 2017
hl7chcda-dataelement-180	 firstName	 CDA-CH V2 2017
hl7chcda-dataelement-179	 name	 CDA-CH V2 2017
hl7chcda-dataelement-45	 firstName	 CDA-CH V2 2017
hl7chcda-dataelement-172	 otherName	 CDA-CH V2 2017
hl7chcda-dataelement-169	 originalName	 CDA-CH V2 2017
hl7chcda-dataelement-171	 aliasName	 CDA-CH V2 2017
hl7chcda-dataelement-231	 Name	 CDA-CH V2 2017

	hl7chcda-dataelement-168	 firstName	 CDA-CH V2 2017
	hl7chcda-dataelement-46	 lastName	 CDA-CH V2 2017
	hl7chcda-dataelement-236	 Name	 CDA-CH V2 2017
Example	Minimal name <pre><name> <family>Muster</family> <given>Hildegard</given> </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></pre>		

	</name>
Example	Other official Name <pre> <!-- @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> </pre>

Item	DT	Card	Conf	Description	Label
hl7:name	PN	1 ... 1	R	The person's legal name (with required family and given name).	eCH-0011 V8.1 nameData
 hl7chcda-dataelement-156  nameData  CDA-CH V2 2017					
└ @use	set_cs 0 ... 1	F	L	Legal. This is the default. Thus, name elements without @use are legal names.	
└ hl7:prefix	ENXP	0 ... *		The person's academic title (such as Dr. med. or Prof.).	eCH-0011 V8.1 nameData
 hl7chcda-dataelement-44  title  CDA-CH V2 2017					
└ @qualifier	set_cs 1 ... 1	F	AC	Academic.	
└ hl7:family	ENXP	1 ... *	R	The person's family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
 cdachemed-dataelement-3  Name  Dataset 1					

cdachemed-dataelement-9	Names	Dataset 1
hl7chcda-dataelement-224	Names	CDA-CH V2 2017
hl7chcda-dataelement-231	Name	CDA-CH V2 2017
hl7chcda-dataelement-46	lastName	CDA-CH V2 2017
hl7chcda-dataelement-236	Name	CDA-CH V2 2017

@qualifier

set_cs 0 NP NP/not present

Default.

hl7:family	ENXP	0 ... *	The person's maiden name ([ge]: Ledigname; [fr]: nom de célibataire).	eCH-0011 V8.1 na- meData
------------	------	---------	---	--------------------------------

hl7chcda-dataelement-169	originalName	CDA-CH V2 2017
--------------------------	--------------	----------------

@qualifier

set_cs 1 ... 1 F BR

Birth name.

hl7:given	ENXP	1 ... * R	The person's given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 na- meData
-----------	------	-----------	--	--------------------------------

cdachemed-dataelement-6	First names	Dataset 1
cdachemed-dataelement-10	First names	Dataset 1
hl7chcda-dataelement-225	First names	CDA-CH V2 2017
hl7chcda-dataelement-232	First names	CDA-CH V2 2017
hl7chcda-dataelement-237	First names	CDA-CH V2 2017
hl7chcda-dataelement-45	firstName	CDA-CH V2 2017
hl7chcda-dataelement-168	firstName	CDA-CH V2 2017

@qualifier

set_cs 0 NP NP/not present

			Default.	
└ h17:given	ENXP	0 ... *	The person's call name ([ge]: Rufname; [fr]: nom usuel).	eCH-0011 V8.1 nameData
 hl7chcda-dataelement-173  callName  CDA-CH V2 2017				
└ @qualifier	set_cs	1 ... 1 F	CL	
			Callme.	
h17:name	PN	0 ... *	The person's alias name.	eCH-0011 V8.1 nameData
└ @use	set_cs	1 ... 1 F	P	
			Pseudonym.	
└ 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 ... *	The person's pseudonym family name ([ge]: Nachname; [fr]: nom de famille).	eCH-0011 V8.1 nameData
 hl7chcda-dataelement-171  aliasName  CDA-CH V2 2017				
└ @qualifier	set_cs	0	NP NP/not present	
			Default.	
└ h17:given	ENXP	0 ... *	The person's pseudonym given name ([ge]: Vorname; [fr]: prénom).	eCH-0011 V8.1 nameData

└ @qualifier

set_cs 0

NP

NP/not present

Default.

hl7:name

PN

0 ... *

Other person's name.

eCH-0011
V8.1 na-
meData

└ @use

set_cs 1 ... 1 F

ASGN

Assigned.

└ hl7:prefix

ENXP

0 ... *

The person's title.

eCH-0011
V8.1 na-
meData

└ @qualifier

set_cs 1 ... 1 F

TITLE

Title.

└ hl7:family

ENXP

0 ... *

Other official person's family name ([ge]: Nachname; [fr]: nom de famille).

eCH-0011
V8.1 na-
meData



hl7chcda-dataelement-177



name



CDA-CH V2 2017

hl7chcda-dataelement-179



name



CDA-CH V2 2017

hl7chcda-dataelement-172



otherName



CDA-CH V2 2017

└ @qualifier

set_cs 0

NP

NP/not present

Default.

└ hl7:given

ENXP

0 ... *

Other official given name ([ge]: Vorname; [fr]: prénom).

eCH-0011
V8.1 na-
meData



hl7chcda-dataelement-178



firstName



CDA-CH V2 2017

hl7chcda-dataelement-180



firstName



CDA-CH V2 2017

L @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 ref hl7chcda-	Effective Date	2018-04-18
Status	 Active	Version Label	2017
Name	cdach_other_PlayingEntityCompilationWithName	Display Name	PlayingEntity Compilation with name
Description			
Reusable template wherever a playing entity with a required name is used in a CDA-CH V2 document. CDA-CH V2 derivatives, i.e. Swiss exchange formats MAY use this template by either reference or specialisation.			
Label	CDA-CH V2		
Classification	Template type not specified		
Open/Closed	Open (other than defined elements are allowed)		
Relationship	Specialization: template 2.16.840.1.113883.10.12.313 <i>CDA PlayingEntity</i> (2005-09-07) ref ad1bbr-		
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 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 : 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 - MaritalStatus - http://terminology.hl7.org/CodeSystem/v3-MaritalStatus			
Level/ Type	Code	Display Name	Code System	
0-L	A	Annulled	MaritalStatus	
0-L	D	Divorced	MaritalStatus	
0-L	I	Interlocutory	MaritalStatus	
0-L	L	Legally Separated	MaritalStatus	

0-L	M	Married	MaritalStatus
0-L	P	Polygamous	MaritalStatus
0-L	S	Never Married	MaritalStatus
0-L	T	Domestic partner	MaritalStatus
0-L	W	Widowed	MaritalStatus

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

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

7.3.6.2 HL7 NullFlavor

Id	2.16.840.1.113883.1.11.10609 ref ad2bbr-	Effective Date	2014-03-26
Status	 Final	Version Label	DEFN=UV=VO=1360-20160323
Name	NullFlavor	Display Name	NullFlavor
Description	History description 2014-03-26: Lock all vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26		
Source Code System	2.16.840.1.113883.5.1008 - Null Flavor - http://terminology.hl7.org/CodeSystem/v3-NullFlavor		
Level/ Type	Code		Code System
0-S	NI	NoInformation	Null Flavor
1-S	INV	invalid	Null Flavor
2-L	DER	derived	Null Flavor
2-S	OTH	other	Null Flavor
3-L	NINF	negative infinity	Null Flavor
3-L	PINF	positive infinity	Null Flavor
2-L	UNC	un-encoded	Null Flavor
1-L	MSK	masked	Null Flavor
1-L	NA	not applicable	Null Flavor
1-S	UNK	unknown	Null Flavor
2-S	ASKU	asked but unknown	Null Flavor
3-L	NAV	temporarily unavailable	Null Flavor
2-L	NASK	not asked	Null Flavor

2-S	NAVU	Not available	Null Flavor
3-L	NAV	temporarily unavailable	Null Flavor
2-L	QS	Sufficient Quantity	Null Flavor
2-L	TRC	trace	Null Flavor

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

7.3.6.3 HL7 ParticipationSignature

Id	2.16.840.1.113883.1.11.10282 ref ad2bbr-	Effective Date	2014-03-26
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> - http://terminology.hl7.org/CodeSystem/v3-ParticipationSignature		
Level/ Type	Code	Display Name	Code System
0-L	I	intended	Participation Signature
0-L	S	signed	Participation Signature

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

7.3.6.4 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 : 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> - http://terminology.hl7.org/CodeSystem/v3-ReligiousAffiliation			
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'l 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:	unmatched

UNK = Unknown

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

7.3.6.5 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](#).

7.3.6.6 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 vaue sets untouched since 2014-03-26 to trackingId 2014T1_2014_03_26 description: Used to represent participant(s) who should receive a copy of a document.		
Source Code System	2.16.840.1.113883.5.90 - <i>ParticipationType</i> - http://terminology.hl7.org/CodeSystem/v3-ParticipationType		
Level/ Type	Code	Display Name	Code System
0-L	PRCP	primary information recipient	ParticipationType
0-L	TRC	tracker	ParticipationType

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

7.3.6.7 DocumentEntry.confidentialityCode

Id	2.16.756.5.30.1.127.3.10.1.5 ref ch-epr-	Effective Date	2019-12-11 09:52:17
Status	 Draft	Version Label	201907.2-stable
Name	DocumentEntry.confidentialityCode	Display Name	DocumentEntry.confidentialityCode
Description	Document confidentiality as per Annex; EPRO-FDHA.		
Copyright	This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		
2 Source Code Systems	2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i> - http://snomed.info/sct 2.16.756.5.30.1.127.3.4 - <i>SNOMED Clinical Terms Swiss Extension</i> - urn:oid:2.16.756.5.30.1.127.3.4		

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

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

7.3.6.8 DocumentEntry.typeCode

Id	2.16.756.5.30.1.127.3.10.1.27 ref ch-epr-	Effective Date	2019-11-03 13:11:50
Status	 Final	Version Label	201907.1-stable
Name	DocumentEntry.typeCode	Display Name	DocumentEntry.typeCode
Description	Type of document as per Annex 3 EPRO-FDHA. The code defines a document's type (e.g. discharge report, laboratory report). Each document type should be assigned to precisely one document class.		

Copyright		This artefact includes content from SNOMED Clinical Terms® (SNOMED CT®) which is copyright of the International Health Terminology Standards Development Organisation (IHTSDO). Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license - for more information contact http://www.snomed.org/snomed-ct/getsnomed-ct or info@snomed.org .		
2 Source Code Systems		2.16.840.1.113883.6.96 - <i>SNOMED Clinical Terms</i> - http://snomed.info/sct		
		2.16.756.5.30.1.127.3.4 - <i>SNOMED Clinical Terms Swiss Extension</i> - urn:oid:2.16.756.5.30.1.127.3.4		
Level/ Type	Code	Display Name	Code System	Designations
0-L	371529009	History and physical report (record artifact)	SNOMED Clinical Terms	 Preferred: History and physical report
0-L	419891008	Record artifact (record artifact)	SNOMED Clinical Terms	 Preferred: Record artifact
0-L	721965002	Laboratory order (record artifact)	SNOMED Clinical Terms	 Preferred: Laboratory Order
0-L	721966001	Pathology order (record artifact)	SNOMED Clinical Terms	 Preferred: Pathology order
0-L	2161000195103	Imaging order (record artifact)	SNOMED Clinical Terms Swiss Extension	 Preferred: Imaging Order
0-L	4201000179104	Imaging report (record artifact)	SNOMED Clinical Terms	 Preferred: Imaging report
0-L	737427001	Clinical Management plan (record artifact)	SNOMED Clinical Terms	 Preferred: Clinical Management plan
0-L	765492005	Non-drug prescription record (record artifact)	SNOMED Clinical Terms	 Preferred: Non-drug prescription
0-L	773130005	Nursing care plan (record artifact)	SNOMED Clinical Terms	 Preferred: Nursing care plan
0-L	736055001	Rehabilitation care plan (record artifact)	SNOMED Clinical Terms	 Preferred: Rehabilitation care plan
0-L	761938008	Medical Prescription record (record artifact)	SNOMED Clinical Terms	 Preferred: Medical Prescription record
0-L	722446000	Allergy record (record artifact)	SNOMED Clinical Terms	 Preferred: Allergy record
0-L	772786005	Medical certificate (record artifact)	SNOMED Clinical Terms	 Preferred: Medical certificate
0-L	373942005	Discharge summary (record artifact)	SNOMED Clinical Terms	 Preferred: Discharge summary
0-L	371535009	Transfer summary report (record artifact)	SNOMED Clinical Terms	 Preferred: Transfer summary report
0-L	445300006	Emergency department record (record artifact)	SNOMED Clinical Terms	 Preferred: Emergency department record
0-L	445418005	Professional allied to medicine clinical report (record artifact)	SNOMED Clinical Terms	 Preferred: Professional allied to medicine clinical report
0-L	371530004	Clinical consultation report (record artifact)	SNOMED Clinical Terms	 Preferred: Consultation report

0-L	4241000179101	Laboratory report (record artifact)	SNOMED Clinical Terms	 Preferred: Laboratory report
0-L	371526002	Operative report (record artifact)	SNOMED Clinical Terms	 Preferred: Operative report
0-L	371532007	Progress report (record artifact)	SNOMED Clinical Terms	 Preferred: Progress note
0-L	900000000000471006	Image reference (foundation metadata concept)	SNOMED Clinical Terms	 Preferred: Image
0-L	41000179103	Immunization record (record artifact)	SNOMED Clinical Terms	 Preferred: Immunization record
0-L	371528001	Pathology report (record artifact)	SNOMED Clinical Terms	 Preferred: Pathology report
0-L	721912009	Medication summary document (record artifact)	SNOMED Clinical Terms	 Preferred: Medication summary document

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

7.4 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 (2020). 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 Git Repository (ci-après Git) prévu à cet effet. Le Git 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.

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

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 Git 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 (2020 et 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 Git 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 Git 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 Entities 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 Git Repository.

7.4.7 Arborescence dans le Git Repository

La structure arborescente du Git 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.

Exemple:

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

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 (2020 ou 2017).

9 Annexe

9.1 Licences

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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

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