**Errata Incorporated into ONC C-CDA R2.1 Validator April 2018**  
  
The table below summarizes the C-CDA 2.1 ERRATA included in the April 30, 2018 C-CDA Validator Release. Please refer to the latest C-CDA R2.1 [download](http://www.hl7.org/documentcenter/public/standards/dstu/CDAR2_IG_CCDA_CLINNOTES_R1_DSTUR2.1_2015AUG_2017NOVerrata.zip) from November 2017 to see comprehensive ERRATA details.

| **DSTU Comment ID** | **Summary description** | **After Update** |
| --- | --- | --- |
| 737 | Update Value Set Country urn:oid:2.16.840.1.113883.3.88.12.80.63 to use the 2 character code system for country ISO 3166 Part 1 Country Codes, 2nd Edition, Alpha-2 (1.0.3166.1.2.2) | Value Set: Country urn:oid:2.16.840.1.113883.3.88.12.80.63 This identifies the codes for the representation of names of countries, territories and areas of geographical interest. Value Set Source: https://www.iso.org/obp/ui/#iso:pub:PUB500001:en  AW ISO 3166 Part 1 Country Codes, 2nd Edition, Alpha-2 urn:oid:1.0.3166.1.2.2 Aruba IL ISO 3166 Part 1 Country Codes, 2nd Edition, Alpha-2 urn:oid:1.0.3166.1.2.2 Israel  This full Value Set is not available in VSAC as of this errata publication |
| 757 | Including R1.1 templateId in compatible C-CDA R2.1 instances | 2. SHALL contain exactly one [1..1] templateId (CONF:1198-8450) such that it a. SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.1.2" (CONF:1198-10038). b. SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32516). c. When asserting this templateId, all C-CDA 2.1 section and entry templates that had a previous version in C-CDA R1.1 SHALL include both the C-CDA 2.1 templateId and the C-CDA R1.1 templateId root without an extension. See C-CDA R2.1 Volume 1 - Design Considerations for additional detail (CONF:1198-32936).  --- Also, at each document-level template the following is now present: c. When asserting this templateId, all C-CDA 2.1 section and entry templates that had a previous version in C-CDA R1.1 SHALL include both the C-CDA 2.1 templateId and the C-CDA R1.1 templateId root without an extension. See C-CDA R2.1 Volume 1 - Design Considerations for additional detail (CONF:1198-32934). |
| 780 | Update typeID to @typeCode | a. MAY contain zero or one [0..1] typeId="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) |
| 781 | Require C-CDA R1.1 Template IDs | VOLUME 1 Assertion of Compatibility Volume 2 of this guide includes a requirement that all C-CDA R2.1 conformant instances: • Include a C-CDA R2.1 templateId,  • Additionally, when the C-CDA R2.1 templateId includes an extension, the C-CDA R1.1 templateId must also be included.  By including both templateIds the sending application is asserting conformance with C-CDA R2.1 and C-CDA R1.1. This requirement (CONF:32936) is included in each document template defined in C-CDA R2.1 (example is for the Discharge Summary (V3) document template:  SHALL contain exactly one [1..1] templateId (CONF:1198-5252) such that it a. SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.1.8" (CONF:1198-10036). b. SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32503). c. When asserting conformance with a document template defined in C-CDA R2.1, document-, section-, and entry-level templates SHALL include the templateId of the corresponding template defined in C-CDA R1.1 to assert compatibility with that release of C-CDA. See C-CDA R2.1 Volume 1 - Design Considerations for additional detail (CONF:1198-32936). --- VOLUME 2 Add a bullet 'c' to all 13 document templates: SHALL contain exactly one [1..1] templateId (CONF:1198-XXX) such that it a. SHALL contain exactly one [1..1] @root="<document template root>" (CONF:1198-10036). b. SHALL contain exactly one [1..1] @extension="<document template extension>" (CONF:1198-32503). c. When asserting conformance with a document template defined in C-CDA R2.1, document-, section-, and entry-level templates SHALL include the templateId of the corresponding template defined in C-CDA R1.1 to assert compatibility with that release of C-CDA. See C-CDA R2.1 Volume 1 - Design Considerations for additional detail (CONF:1198-XX). |
| 790 | Incorrect definition of acronym | Structure Document Technical Committee |
| 793 | Undeprecate Problem Status Observation | 3.81 Problem Status [observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.6 (open)] Published as part of Consolidated CDA Templates for Clinical Notes (US Realm) DSTU R1.1 Table 421: Problem Status Contexts Contained By: Contains: Problem Observation (V3) (optional)  The Problem Status records whether the indicated problem is active, inactive, or resolved. |
| 794 | Add constraint branching "such that it" to 10116 to prevent error in Schematron | 6.SHALL contain at least one [1..\*] entry (CONF:1098-10116) such that it.  a. SHALL contain exactly one [1..1] Instruction (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.20:2014-06-09) (CONF:1098-31398). |
| 795 | Incorrect cardinality | ii. SHAL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1 STATIC) (CONF:1198-32792). |
| 796 | Incorrect cardinality | b. SHALL contain exactly one [1..1] @inversionInd="true" True (CONF:1098-32912). |
| 797 | Incorrect cardinality | a. This sdtc:dischargeDispositionCode SHOULD contain zero or one [0..1] @code, which SHOULD be selected from ValueSet 2.16.840.1.113883.3.88.12.80.33 NUBC UB-04 FL17-Patient Status (code system 2.16.840.1.113883.6.301.5) DYNAMIC or, if access to NUBC is unavailable, from CodeSystem 2.16.840.1.113883.12.112 HL7 Discharge Disposition (CONF:1198-32177). |
| 798 | Incorrect cardinality | b. This sdtc:dischargeDispositionCode SHOULD contain zero or one [0..1] @codeSystem, which SHOULD be either CodeSystem: NUBC 2.16.840.1.113883.6.301.5 OR CodeSystem: HL7 Discharge Disposition 2.16.840.1.113883.12.112 (CONF:1198-32377). |
| 812 | Postal code is restricted to US | 5. SHOULD contain zero or one [0..1] postalCode, which SHOULD be selected from ValueSet PostalCode urn:oid:2.16.840.1.113883.3.88.12.80.2 DYNAMIC (CONF:81-7294). a. If the country is US, the postalCode element is required but SHOULD have @nullFlavor if the postalCode is unknown. If country is not specified, it's assumed to be US. If country is something other than US, the postalCode MAY be present but MAY be bound to different vocabularies (CONF:81-10025). |
| 813 | Backwards compatibility with prior C-CDA versions requires a root template without an extension | Update completed in Volume 1 -  For templates without an extension (e.g. Pregnancy Observation), an additional implied constraint is SHALL NOT contain @extension. Future versions of the templates may add templateIds with the same root but only by also requiring an extension. |
| 814 | Remove binding to the @code, update to bind at code. Updates to make: 1. Update 32367 to SHOULD value set binding 2. Update 31873 to SHALL @classCode SHALL INDRoleclassCodes 3. No decision on 32436. Benjamin added new DSTU comment 861 4. Update 32443 to SHOULD value set binding  5. Update 32866 to SHALL value set binding  6. Update 29931 to SHALL value set binding  7. Merge 7293 with existing primiative 10024 and state if US, then SHALL value set binding | 1.    The code, if present, SHALL contain exactly one [1..1] @code, which SHOULD be selected from ValueSet Personal And Legal Relationship Role Type urn:oid:2.16.840.1.113883.11.20.12.1 DYNAMIC (CONF:1198-32367).  i. This associatedEntity SHALL contain exactly one [1..1] @classCode, which SHALL be selected from ValueSet INDRoleclassCodes urn:oid:2.16.840.1.113883.11.20.9.33 DYNAMIC (CONF:1198-31873).  i. This section SHALL contain exactly one [1..1] code, which SHOULD be selected from ValueSet Physical Exam Type urn:oid:2.16.840.1.113883.11.20.9.65 STATIC (CONF:1198-32436).  v. This observation SHOULD contain zero or one [0..1] priorityCode, which SHOULD be selected from ValueSet Act Priority urn:oid:2.16.840.1.113883.1.11.16866 DYNAMIC (CONF:1098-32443).  a. The interpretationCode, if present, SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Observation Interpretation (HL7) urn:oid:2.16.840.1.113883.1.11.78 DYNAMIC (CONF:1098-32886).  5. SHALL contain exactly one [1..1] code, which SHALL be selected from ValueSet Wound Measurements urn:oid:2.16.840.1.113883.1.11.20.2.5 DYNAMIC (CONF:1098-29931).  a. If the country is US, the state element is required but SHOULD have @nullFlavor if the state is unknown. If country is not specified, it's assumed to be US. If country is something other than US, the state MAY be present but MAY be bound to different vocabularies (CONF:81-10024). |
| 815 | Reference undeprecated template | 3.81 Problem Status [observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.6 (open)] Published as part of Consolidated CDA Templates for Clinical Notes (US Realm) DSTU R1.1 Table 421: Problem Status Contexts Contained By: Contains: Problem Observation (V3) (optional)  The Problem Status records whether the indicated problem is active, inactive, or resolved. |
| 816 | Reference undeprecated template | 3.6 Allergy Status Observation [observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.28 (open)] Published as part of Consolidated CDA Templates for Clinical Notes (US Realm) DSTU R1.1 Table 230: Allergy Status Observation Contexts Contained By: Contains: Allergy - Intolerance Observation (V2) (optional) Substance or Device Allergy - Intolerance Observation (V2) (optional)   This template represents the status of the allergy indicating whether it is active, no longer active, or is an historic allergy. There can be only one allergy status observation per alert observation. |
| 817 | Incorrect cardinality | 8. SHOULD contain zero or more[0..\*] Author Participation (identifier:   urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1098-31439). |
| 818 | Add clarification on state requirement for US addresses. | 3... a. If the country is US, the state element is required but SHOULD have @nullFlavor if the state is unknown. If country is not specified, it's assumed to be US. If country is something other than US, the state MAY be present but MAY be bound to different vocabularies (CONF:81-10024). 5... a. If the country is US, the postalCode element is required but SHOULD have @nullFlavor if the postalCode is unknown. If country is not specified, it's assumed to be US. If country is something other than US, the postalCode MAY be present but MAY be bound to different vocabularies (CONF:81-10025). |
| 819 | US Realm Address restricts address to 1 line, update | 6. SHALL contain at least one and not more than 4 streetAddressLine (CONF:81-7291). |
| 825 | Invalid codes in Encounter Type Code Value Set | Value Set: EncounterTypeCode urn:oid:2.16.840.1.113883.3.88.12.80.32  This value set includes only the codes of the Current Procedure and Terminology designated for Evaluation and Management (99200 – 99607) (subscription to AMA Required)  Value Set Source: https://vsac.nlm.nih.gov/  --------- SNOMED Codes were removed. |
| 834 | Updated Severity Observation purpose statement | This clinical statement represents the gravity of the reaction. The Severity Observation characterizes the Reaction Observation. A person may manifest many symptoms in a reaction to a single substance, and each reaction to the substance can be represented. However, each reaction observation can have only one severity observation associated with it. For example, someone may have a rash reaction observation as well as an itching reaction observation, but each can have only one level of severity.  Note the severity observation is no longer recommended for use with the Allergy and Intolerance Observation. The Criticality Observation is preferred for characterizing the Allergy and Intolerance. |
| 835/836 | Update problem severity table to reaction severity table, and update the SNOMED CT codes | Value Set: Reaction Severity urn:oid:2.16.840.1.113883.3.88.12.3221.6.8 This is a description of the level of the severity of the reaction. CURRENT SNOMED CT CODES:  1.Mild – 255604002  2Moderate – 6736007  3.Severe – 24484000 |
| 842 | Change optional to required for Allergies and Intolerances section | vii. This structuredBody SHALL contain exactly one [1..1] component (CONF:1198-28910) such that it 1. SHALL contain exactly one [1..1] Allergies and Intolerances Section (entries required) (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.2.6.1:2015-08-01) (CONF:1198-28911). |
| 849 | Fix constraint and Schematron | i. Such assignedAuthors SHALL contain (exactly one [1..1] assignedPerson) or (exactly one [1..1] assignedPerson and exactly one [1..1] representedOrganization) (<CONF:1198-8456>). |
| 861 | Update value set binding as a SHOULD. | 6. MAY contain zero or more [0..\*] component (CONF:1198-32434) such that it a. SHALL contain exactly one [1..1] section (CONF:1198-32435). i. This section SHALL contain exactly one [1..1] code, which SHOULD be selected from ValueSet Physical Exam Type urn:oid:2.16.840.1.113883.11.20.9.65 STATIC (CONF:1198-32436). ii. This section SHALL contain exactly one [1..1] title (CONF:1198-32437). iii. This section SHALL contain exactly one [1..1] text (CONF:1198-32438). |
| 869 | Update translation conformance | 5. SHALL contain exactly one [1..1] code, which SHOULD be selected from ValueSet Social History Type urn:oid:2.16.840.1.113883.3.88.12.80.60 STATIC 2008-12-18 (CONF:1198-8558). a. If @codeSystem is not LOINC, then this code SHALL contain at least one [1..\*] translation, which SHOULD be selected from CodeSystem LOINC (urn:oid:2.16.840.1.113883.6.1) (CONF:1198-32951). |
| 915 | Recommend that null flavor should be allowed, change from SHALL | ii. This relatedSubject SHALL contain exactly one [1..1] code, which SHOULD be selected from ValueSet Family Member Value Set urn:oid:2.16.840.1.113883.1.11.19579 DYNAMIC (CONF:1198-15246). |
| 957 | Update ISO 3166 value set list, and OID numbers | Table 13: Country Value Set: Country urn:oid:2.16.840.1.113883.3.88.12.80.63 This identifies the codes for the representation of names of countries, territories and areas of geographical interest. Value Set Source: https://www.iso.org/obp/ui/#iso:pub:PUB500001:en  Code Code System Code System OID Print Name AW ISO 3166 Part 1 Country Codes, 2nd Edition, Alpha-2 urn:oid:1.0.3166.1.2.2 Aruba IL ISO 3166 Part 1 Country Codes, 2nd Edition, Alpha-2 urn:oid:1.0.3166.1.2.2 Israel |
| 958 | Country incorrectly added as OID for Code System, while it is a Value Set | Table 526: Remove row that lists Country/2.16.840.1.113883.3.88.12.80.63    Updated Code System to ISO 3166 Part 1 Country Codes, 2nd Edition, Alpha-2 code system: 1.0.3166.1.2.2 |
| 959 | Incorrect OIDs referenced in Table 37, inconsistent FL17 codes | Table 38 OIDs corrected to be urn:oid:2.16.840.1.113883.6.301.5.  ---------------------- 01 --> 02 Discharged/transferred to a Short-Term General Hospital for Inpatient Care  ---------------------- Remove: 05 Discharged/transferred to Home Under Care of an Organized Home Health Service Organization in Anticipation of Covered Skilled Care |
| 960 | Incorrect OID in Table 526 (previously Table 532) | Replace in Table 526 with a row for "NUBC UB-04 Patient Discharge Status code set" / OID "urn:oid:2.16.840.1.113883.6.301.5" |
| 989 | Update to US Realm Person Name instead of US Realm Patient Name | This playingEntity SHALL contain exactly one [1..1] US Realm Person Name (PN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) (CONF:1098-28669). |
| 994 | Incorrect cardinality | 8. SHOULD contain zero or more [0..\*] performer="PRF" Performer (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:1198-8961) such that it |
| 1002 | Update Problem Concert Act purpose statement | The effectiveTime/low of the Problem Concern Act asserts when the concern became active. The effectiveTime/high asserts when the concern was completed (e.g., when the clinician deemed there is no longer any need to track the underlying condition). |
| 1048, 1260 | Created Care Plan Document Code Value Set. PriorSingle value binding is inappropriate for a Care Plan since there are many Care Plan types. | 3. SHALL contain exactly one [1..1] code (CONF:1198-28745).  a. This code SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Care Plan Document Type urn:oid:2.16.840.1.113762.1.4.1099.10 DYNAMIC (CONF:1198-32959). |
| 1106 | Incorrect OID on value set | ActStatus Value set OID: 2.16.840.1.113883.1.11.15933 |
| 1107 | Missing codeSystem | <administrativeGenderCode code="M" codeSystem="2.16.840.1.113883.5.1" /> |
| 1224 | Update translation conformance | a. If code is selected from ValueSet Problem Type urn:oid:2.16.840.1.113883.3.88.12.3221.7.2 STATIC 2012-06-01, then it SHALL have at least one [1..\*] translation, which SHOULD be selected from ValueSet Problem Type urn:oid:2.16.840.1.113883.3.88.12.3221.7.2 STATIC 2014-09-02 (CONF:1198-32950). |
| 1239 | Incorrect binding on the typeCode for participants used to encode a Service Delivery Location. Change HL7ActRelationshipType to HL7ParticipationType. | a. SHALL contain exactly one [1..1] @typeCode="LOC" Location (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:1098-7766). b. SHALL contain exactly one [1..1] Service Delivery Location (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.32) (CONF:1098-15912).  Across these templates:  Procedure Activity Act (V2) 1098-8312  Procedure Activity Observation (V2) 1098-8262  Planned Encounter (V2)1098-31875  Encounter Activity (V3) 1198-8740 |
| 1267 | Update to include parentDocument id reference | 11. MAY contain zero or more [0..\*] relatedDocument (CONF:1198-29893) such that it a. SHALL contain exactly one [1..1] @typeCode, which SHALL be selected from ValueSet x\_ActRelationshipDocument urn:oid:2.16.840.1.113883.1.11.11610 STATIC (CONF:1198-31889). b. SHALL contain exactly one [1..1] parentDocument (CONF:1198-29894). i. This parentDocument SHALL contain at least one [1..\*] id (CONF:1198-32949). ii. This parentDocument SHALL contain exactly one [1..1] setId (CONF:1198-29895). iii. This parentDocument SHALL contain exactly one [1..1] versionNumber (CONF:1198-29896). |
| 1272 | Remove "IVL\_TS" from Table 337 for effectiveTime (CONF:1098-7508), and correct the schematron rule so it does not require effectiveTime to be IVL\_TS. | xPath Card Verb Data Type CONF# Value … effectiveTime 1…1 SHALL 1098-7507 |
| 1276 | Created Medication Route Value Set to align with FHIR, CQM, NCPDP. Current set included incorrect concepts. | 10. MAY contain zero or one [0..1] routeCode, which SHALL be selected from ValueSet Medication Route urn:oid:2.16.840.1.113762.1.4.1099.12 DYNAMIC |
| 1279 | Update value set in table | Table 438: Goal Achievement Value Set: Goal Achievement urn:oid:2.16.840.1.113883.11.20.9.55 The Goal Achievement value set contains concepts that describe a patient's progression (or lack thereof) toward a goal and consists of the following codes from the US Extension of SNOMED CT.  390802008 Goal achieved  390801001 Goal not achieved and all its direct children  Value Set Source: https://vsac.nlm.nih.gov  Code Code System Code System OID Print Name 390802008 SNOMED CT urn:oid:2.16.840.1.113883.6.96 Goal achieved 390801001 SNOMED CT urn:oid:2.16.840.1.113883.6.96 Goal not achieved 706905005 SNOMED CT urn:oid:2.16.840.1.113883.6.96 Goal not attainable 706906006 SNOMED CT urn:oid:2.16.840.1.113883.6.96 No progress toward goal |
| 1329 | The ValueSet Specific Vaccine Clinical Drug has no members and will never have any members. Binding and value set table should be removed. | ii. This code MAY contain zero or more [0..\*] translation (CONF:1098-31881).  -----------  Value Set: Specific Vaccine Clinical Drug table removed. |
| 1331 | Update value set binding on Operative Note Participants | 2. SHALL contain exactly one [1..1] assignedEntity (CONF:1198-10917). a. This assignedEntity SHOULD contain zero or one [0..1] code, which SHALL be selected from ValueSet Healthcare Provider Taxonomy (HIPAA) urn:oid:2.16.840.1.114222.4.11.1066 DYNAMIC (CONF:1198-8490). -- 2. SHALL contain exactly one [1..1] assignedEntity (CONF:1198-32737). a. This assignedEntity SHOULD contain zero or one [0..1] code, which SHALL be selected from ValueSet Healthcare Provider Taxonomy (HIPAA) urn:oid:2.16.840.1.114222.4.11.1066 DYNAMIC (CONF:1198-32739). -- Removed unused ValueSet Provider Role urn:oid:2.16.840.1.113883.3.88.12.3221.4.2 from specification. |
| 1333 | Retire Related Document Table, instead update Table 23: x\_ActRelationshipDocument to include XFRM | 11. MAY contain zero or more [0..\*] relatedDocument (CONF:1198-29893) such that it a. SHALL contain exactly one [1..1] @typeCode, which SHALL be selected from ValueSet x\_ActRelationshipDocument urn:oid:2.16.840.1.113883.1.11.11610 STATIC (CONF:1198-31889).   Table 23: x\_ActRelationshipDocument Value Set: x\_ActRelationshipDocument urn:oid:2.16.840.1.113883.1.11.11610 Used to enumerate the relationships between two clinical documents for document management. Code Code System Code System OID Print Name RPLC HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 Replaces APND HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 Is appendage XFRM HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 Transformation |
| 1335 | Duplicate of 959 | Duplicate of 959 |
| 1338 | Make it clear that only document type codes are legal for ClinicalDocument.code (i.e. not discrete lab test LOINC codes, which should only be used for observation.code) | 5. SHALL contain exactly one [1..1] code (CONF:1198-5253).  a. This code SHALL specify the particular kind of document (e.g., History and Physical, Discharge Summary, Progress Note) (CONF:1198-9992).  b. This code SHALL be drawn from the LOINC document type ontology (LOINC codes where SCALE = DOC) |
| 1342 | Incorrect value set references | Removed: The playingEntity, if present, SHOULD contain zero or one [0..1] code, which SHOULD be selected from ValueSet Healthcare Agent Qualifier urn:oid:2.16.840.1.113883.11.20.9.51 DYNAMIC (CONF:1198-28429). |
| 1350 | Duplicate of 1357 | Duplicate of 1357 |
| 1353 | Duplicate of 1356 | Duplicate of 1356 |
| 1355 | Provide guidance on how validators should validate sub-entries when a parent includes a nullFlavor. SDWG agreed to explicitly flag where sub-entries need not be tested. | If addr/@nullFlavor is present, the remaining conformance statements SHALL NOT be enforced --- If name/@nullFlavor is present, the remaining conformance statements SHALL NOT be enforced |
| 1356 | Resurrect the template and update DYNAMIC bound value sets | 3.6 Allergy Status Observation [observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.28 (open)] Published as part of Consolidated CDA Templates for Clinical Notes (US Realm) DSTU R1.1 Table 230: Allergy Status Observation Contexts Contained By: Contains: Allergy - Intolerance Observation (V2) (optional) Substance or Device Allergy - Intolerance Observation (V2) (optional)  This template represents the status of the allergy indicating whether it is active, no longer active, or is an historic allergy. There can be only one allergy status observation per alert observation. |
| 1357 | Resurrect the template and update DYNAMIC bound value sets | 3.81 Problem Status [observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.6 (open)] Published as part of Consolidated CDA Templates for Clinical Notes (US Realm) DSTU R1.1 Table 421: Problem Status Contexts Contained By: Contains: Problem Observation (V3) (optional)  The Problem Status records whether the indicated problem is active, inactive, or resolved. |
| 1366 | Medication Status Value Set is too broad, it includes concepts that aren't relevant. Created new value set. | 6. SHALL contain exactly one [1..1] statusCode (CONF:1098-7507). a. This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Medication Status urn:oid:2.16.840.1.113762.1.4.1099.11 DYNAMIC (CONF:1098-32360). |
| 1369 (see also 1331) | Incorrect cardinality | a. This assignedEntity SHOULD contain zero or one [0..1] code, which SHALL be selected from ValueSet Healthcare Provider Taxonomy (HIPAA) urn:oid:2.16.840.1.114222.4.11.1066 DYNAMIC (CONF:1198-8490). |
| 1371 | Update note under 7288 effective time to include timestamp as per HL7 example | 7. SHALL contain exactly one [1..1] effectiveTime (CONF:1198-7288). Note: The effectiveTime may be a timestamp or an interval that spans the effectiveTimes of the contained vital signs observations. |
| 1374 | Incorrect cardinality | 27. SHALL contain at least one [1..\*] entryRelationship (CONF:1198-32673) such that it |
| 1375 | Update with the value set definition for each sub value set and add RxNorm TTYs: TTYs – BN, PIN, MIN, IN | Value Set: Substance-Reactant for Intolerance urn:oid:2.16.840.1.113762.1.4.1010.1 A substance or other type of agent (e.g., sunshine) that may be associated with an intolerance reaction event or a propensity to such an event. These concepts are expected to be at a more general level of abstraction (ingredients versus more specific formulations). This value set is quite general and includes concepts that may never cause an adverse event, particularly the included SNOMED CT concepts. The code system-specific value sets in this grouping value set are intended to provide broad coverage of all kinds of agents, but the expectation for use is that the chosen concept identifier for a substance should be appropriately specific and drawn from the available code systems in the following priority order: NDFRT, then RXNORM, then UNII, then SNOMED CT. This overarching grouping value set is intended to support identification of drug classes, individual medication ingredients, foods, general substances and environmental entities.  Value set intentionally defined as a GROUPING made up of:  Value Set: Medication Drug Class (2.16.840.1.113883.3.88.12.80.18) (NDFRT drug class codes); Value Set: Clinical Drug Ingredient (2.16.840.1.113762.1.4.1010.7) (RxNORM ingredient codes (TTYs: BN, PIN, MIN, IN)); Value Set: Unique Ingredient Identifier - Complete Set (2.16.840.1.113883.3.88.12.80.20) (UNII ingredient codes); Value Set: Substance Other Than Clinical Drug (2.16.840.1.113762.1.4.1010.9) (SNOMED CT substance codes). |
| 1383 | Incorrect cardinality on SHOULD | SHOULD contain zero or more [0..\*] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1098-32479). |

**The following ERRATA were also included in the update, but are only editorial in nature and don’t have validator implications.**

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| --- | --- | --- |
| 834 | Updated Severity Observation purpose statement | This clinical statement represents the gravity of the reaction. The Severity Observation characterizes the Reaction Observation. A person may manifest many symptoms in a reaction to a single substance, and each reaction to the substance can be represented. However, each reaction observation can have only one severity observation associated with it. For example, someone may have a rash reaction observation as well as an itching reaction observation, but each can have only one level of severity.  Note the severity observation is no longer recommended for use with the Allergy and Intolerance Observation. The Criticality Observation is preferred for characterizing the Allergy and Intolerance. |
| 837 | Updated Reaction Observation purpose statement | This clinical statement represents the response to an undesired symptom, finding, etc. due to administered or exposed substance. A reaction can be defined described with respect to its severity, and can have been treated by one or more interventions. |
| 842 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Consultation Document | Required column: Allergies and Intolerances Section (entries required) (V3) |
| 870 | Incorrect sequencing of items in Volume 1 Appendix A (Glossary) | PCC was listed with “I” on page 44, but was moved to page 45 in the correct place. RFC was also listed among the “I”, but was deleted as it was a duplicate and already listed with “R.” |
| 871 | Add guidance about when Plan Of Treatment is present and goals are present. | This section, formerly known as "Plan of Care", contains data that define pending orders, interventions, encounters, services, and procedures for the patient. It is limited to prospective, unfulfilled, or incomplete orders and requests only. These are indicated by the @moodCode of the entries within this section. All active, incomplete, or pending orders, appointments, referrals, procedures, services, or any other pending event of clinical significance to the current care of the patient should be listed.  Clinical reminders are placed here to provide prompts for disease prevention and management, patient safety, and healthcare quality improvements, including widely accepted performance measures.  The plan may also indicate that patient education will be provided.  When used in a document that includes a Goals Section, all the goals (whether narrative only, or structured Goal Observation entries) should be recorded in the Goals Section, rather than in the Plan of Treatment Section, to avoid confusion as to “which/whose goals should be in which section?”  When used in a document that does not include a Goals Section, the Plan of Treatment section may also contain information about care team members’ goals, including the patient’s values, beliefs, preferences, care expectations, and overarching care goals. Values may include the importance of quality of life over longevity. These values are taken into account when prioritizing all problems and their treatments. Beliefs may include comfort with dying or the refusal of blood transfusions because of the patient’s religious convictions. Preferences may include liquid medicines over tablets, or treatment via secure email instead of in person. Care expectations may range from being treated only by female clinicians, to expecting all calls to be returned within 24 hours. Overarching goals described in this section are not tied to a specific condition, problem, health concern, or intervention. Examples of overarching goals could be to minimize pain or dependence on others, or to walk a daughter down the aisle for her marriage. |
| 926 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Template Version Operative Note Document | Preoperative Diagnosis Section (V3) is required |
| 930 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Diagnostic Image Report Document | Optional Column: DICOM Object Catalog Section - DCM 121181 |
| 931 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Discharge Summary Document | Optional Column Discharge Medications Sections (entries required)(V3) |
| 932 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Consultation Document | Optional Column: History of Past Illness |
| 933 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Consultation Document | Optional Column: History of Present Illness |
| 934 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Consultation Document | Optional column: Physical Exam |
| 935 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Consultation Document | Required column: Problem Section (entries required) (V3) |
| 936 | Table 1: Required and Optional Sections for Each Document Type correction: Incorrect Requirement for Continuity of Care Document | Optional Column: Procedures Section (entries required) (V2) |
| 971 | Update Figure 172 to allowable Medical Clinical Drug value set | code code="745679" displayName="200 ACTUAT Albuterol 0.09 MG/ACTUAT Metered Dose Inhaler" codeSystem="2.16.840.1.113883.6.88" codeSystemName="RxNorm" /> |
| 1010 | Update the purpose of 1.1.19.2 componentOf under Progress Note | 1.1.19.2 componentOf  The Progress Note is always associated with an encounter by the componentOf/encompassingEncounter element in the header. The effectiveTime element for an encompassingEncounter represents the time or time interval in which the encounter took place. A single encounter may contain multiple Progress Notes; hence the effectiveTime elements for a Progress Note (recorded in serviceEvent) and for an encounter (recorded in encompassingEncounter) represent different time intervals. For outpatient encounters that are a point in time, set effectiveTime/high, effectiveTime/low, and effectiveTime/@value to the same time. All visits take place at a specific location. When available, the location ID is included in the encompassingEncounter/location/healthCareFacility/id element. |
| 1029 | Update code used in Figure 65: Complications Section (V3) Example | <section>  <templateId root="2.16.840.1.113883.10.20.22.2.37" extension="2015-08-01" />  <code code="55109-3" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" |
| 1065 | Reference to Volume 1 - APPENDIX D — MIME MULTIPART/RELATED MESSAGES 54 is obsolete | Updated reference to current Attachments guide. |
| 1238 | Improve Discharge Diagnosis Section Definition | This template represents problems or diagnoses present at the time of discharge which occurred during the hospitalization. This section includes an optional entry to record patient diagnoses specific to this visit. Problems that need ongoing tracking should also be included in the Problem Section. |
| 1269 | Update Severity Observation (V2) template purpose to make clear that this is intended for the reaction, and that criticality is the proper observation at the allergy level. | This clinical statement represents the gravity of the reaction. The Severity Observation characterizes the Reaction Observation. A person may manifest many symptoms in a reaction to a single substance, and each reaction to the substance can be represented. However, each reaction observation can have only one severity observation associated with it. For example, someone may have a rash reaction observation as well as an itching reaction observation, but each can have only one level of severity.  Note the severity observation is no longer recommended for use with the Allergy and Intolerance Observation. The Criticality Observation is preferred for characterizing the Allergy and Intolerance. |
| 1288 | Updated the Care Plan (V2) purpose statement | There are 2 required sections: o Health Concerns o InterventionsThere are 2 optional sections: o Goals o Outcomes  A care plan document can include entry references from the information in these sections to the information (entries) in other sections. |