CY 2018 eCQM Data Receiving System Edits Document

Fall 2018

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Overview

The Calendar Year (CY) 2018 electronic clinical quality measure (eCQM) Data Receiving System Edits Document has been developed to provide greater insight into the error messages generated by the CMS data receiving system when test and production Quality Reporting Document Architecture (QRDA) Category I files are submitted to the CMS receiving system within the *QualityNet Secure Portal.*

Using the error messages and system edits outlined in this document to successfully troubleshoot QRDA Category I error messages assists hospitals and vendors to fulfill the eCQM reporting requirements for the CMS Hospital Inpatient Quality Reporting (IQR) and the Promoting Interoperability Programs.

How to Use the Document

The CMS data receiving system program edits are in place to express error messages.

CY 2018 Program Edits - Errors— This section displays the conformance errors that will cause a QRDA Category I file to fail validation; the error will need to be corrected before the file can be processed. Errors are displayed as either a CMS conformance number (CMS CONF number) or a Health Level Seven (HL7) conformance number.

The fields in this section provide the specific conformance error, the associated error message, the template ID or name where the error occurred, and the condition or content expected within the QRDA Category I file to address the conformance error.

It may appear that the specific program edits only display a portion of the conformance error; the conformance error relates to a specific portion of the statement and the full error messages may contain additional sections with different conformance errors.

CY 2018 HQR Validation Messages — In this section, the additional HQR messages are validation checks entirely in custom Java code. Error messages will fail validation if not corrected.

The fields on this section provide the specific conformance error, the associated error messages, and comments for the data submitter (defined as either the hospital or the vendor) to assist them in addressing the conformance error.

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-28524-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28524).	Symptom-errors	@classCode='OBS'
a-2228-28525-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28525).	Symptom-errors	@moodCode='EVN'
a-2228-28526-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28526).	Symptom-errors	not(@negationInd)
a-2228-28514-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28514) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.136" (CONF:2228-28518).	Symptom-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.136'][not(@extension)])=1
a-2228-28515-error	SHALL contain exactly one [1..1] code (CONF:2228-28515).	Symptom-errors	count(cda:code)=1
a-2228-28516-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-28516).	Symptom-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-28667-error	This template SHALL be contained by a Symptom Concern Act (V2) (CONF:2228-28667).	Symptom-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.138'][@extension='2016-08-01'])=1
a-2228-28520-error	This code SHALL contain exactly one [1..1] @code="75325-1" Symptom (CONF:2228-28520).	Symptom-code-errors	@code='75325-1'
a-2228-28521-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-28521).	Symptom-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-28523-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-28523).	Symptom-value-errors	@sdtc:valueSet
a-1198-5252-error	SHALL contain exactly one [1..1] templateId (CONF:1198-5252) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.1.1" (CONF:1198-10036). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32503).	US_Realm-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.1.1'][@extension='2015-08-01'])=1
a-1198-16791-error	SHALL contain exactly one [1..1] realmCode="US" (CONF:1198-16791)	US_Realm-errors	count(cda:realmCode[@code='US'])=1
a-1198-5361-error	SHALL contain exactly one [1..1] typeId (CONF:1198-5361).	US_Realm-errors	count(cda:typeId)=1
a-1198-5363-error	SHALL contain exactly one [1..1] id (CONF:1198-5363).	US_Realm-errors	count(cda:id)=1
a-1198-5253-error	SHALL contain exactly one [1..1] code (CONF:1198-5253).	US_Realm-errors	count(cda:code)=1
a-1198-5254-error	SHALL contain exactly one [1..1] title (CONF:1198-5254).	US_Realm-errors	count(cda:title)=1
a-1198-5256-error	SHALL contain exactly one [1..1] US Realm Date and Time (DTM.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.4) (CONF:1198-5256).	US_Realm-errors	count(cda:effectiveTime)=1
a-1198-5259-error	SHALL contain exactly one [1..1] confidentialityCode (CONF:1198-5259).	US_Realm-errors	count(cda:confidentialityCode)=1
a-1198-5372-error	SHALL contain exactly one [1..1] languageCode, which SHALL be selected from ValueSet Language urn:oid:2.16.840.1.113883.1.11.11526 DYNAMIC (CONF:1198-5372).	US_Realm-errors	count(cda:languageCode)=1
a-1198-5266-error	SHALL contain at least one [1..*] recordTarget (CONF:1198-5266).	US_Realm-errors	count(cda:recordTarget) > 0
a-1198-5444-error	SHALL contain at least one [1..*] author (CONF:1198-5444).	US_Realm-errors	count(cda:author) > 0
a-1198-5519-error	SHALL contain exactly one [1..1] custodian (CONF:1198-5519).	US_Realm-errors	count(cda:custodian)=1
a-1198-5250-error	This typeId SHALL contain exactly one [1..1] @root="2.16.840.1.113883.1.3" (CONF:1198-5250).	US_Realm-typeId-errors	@root='2.16.840.1.113883.1.3'
a-1198-5251-error	This typeId SHALL contain exactly one [1..1] @extension="POCD_HD000040" (CONF:1198-5251).	US_Realm-typeId-errors	@extension='POCD_HD000040'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1198-6380-error	If setId is present versionNumber SHALL be present (CONF:1198-6380).	US_Realm-setId-errors	count(../cda:versionNumber)=1
a-1198-6387-error	If versionNumber is present setId SHALL be present (CONF:1198-6387).	US_Realm-versionNumber-errors	count(../cda:setId)=1
a-1198-5267-error	Such recordTargets SHALL contain exactly one [1..1] patientRole (CONF:1198-5267).	US_Realm-recordTarget-errors	count(cda:patientRole)=1
a-1198-5268-error	This patientRole SHALL contain at least one [1..*] id (CONF:1198-5268).	US_Realm-recordTarget-patientRole-errors	count(cda:id) > 0
a-1198-5271-error	This patientRole SHALL contain at least one [1..*] US Realm Address (AD.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.2) (CONF:1198-5271).	US_Realm-recordTarget-patientRole-errors	count(cda:addr) > 0
a-1198-5280-error	This patientRole SHALL contain at least one [1..*] telecom (CONF:1198-5280).	US_Realm-recordTarget-patientRole-errors	count(cda:telecom) > 0
a-1198-5283-error	This patientRole SHALL contain exactly one [1..1] patient (CONF:1198-5283).	US_Realm-recordTarget-patientRole-errors	count(cda:patient)=1
a-1198-5284-error	This patient SHALL contain at least one [1..*] US Realm Person Name (PN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) (CONF:1198-5284).	US_Realm-recordTarget-patientRole-patient-errors	count(cda:name)> 0
a-1198-6394-error	This patient SHALL contain exactly one [1..1] administrativeGenderCode, which SHALL be selected from ValueSet Administrative Gender (HL7 V3) urn:oid:2.16.840.1.113883.1.11.1 DYNAMIC (CONF:1198-6394).	US_Realm-recordTarget-patientRole-patient-errors	count(cda:administrativeGenderCode)=1
a-1198-5298-error	This patient SHALL contain exactly one [1..1] birthTime (CONF:1198-5298).	US_Realm-recordTarget-patientRole-patient-errors	count(cda:birthTime)=1
a-1198-5322-error	This patient SHALL contain exactly one [1..1] raceCode, which SHALL be selected from ValueSet Race Category Excluding Nulls urn:oid:2.16.840.1.113883.3.2074.1.1.3 DYNAMIC (CONF:1198-5322).	US_Realm-recordTarget-patientRole-patient-errors	count(cda:raceCode)=1
a-1198-5323-error	This patient SHALL contain exactly one [1..1] ethnicGroupCode, which SHALL be selected from ValueSet Ethnicity urn:oid:2.16.840.1.114222.4.11.837 DYNAMIC (CONF:1198-5323).	US_Realm-recordTarget-patientRole-patient-errors	count(cda:ethnicGroupCode)=1
a-1198-5299-error	SHALL be precise to year (CONF:1198-5299).	US_Realm-recordTarget-patientRole-patient-birthTime-errors	string-length(@value) >= 4
a-1198-31347-error	If sdtc:raceCode is present, then the patient SHALL contain [1..1] raceCode (CONF:1198-31347).	US_Realm-recordTarget-patientRole-patient-raceCode-errors	count(../cda:raceCode)=1
a-1198-5385-error	The guardian, if present, SHALL contain exactly one [1..1] guardianPerson (CONF:1198-5385).	US_Realm-recordTarget-patientRole-patient-guardian-errors	count(cda:guardianPerson)=1
a-1198-5386-error	This guardianPerson SHALL contain at least one [1..*] US Realm Person Name (PN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) (CONF:1198-5386).	US_Realm-recordTarget-patientRole-patient-guardian-guardianPerson-errors	count(cda:name) > 0
a-1198-5396-error	The birthplace, if present, SHALL contain exactly one [1..1] place (CONF:1198-5396).	US_Realm-recordTarget-patientRole-patient-birthplace-errors	count(cda:place)=1
a-1198-5397-error	This place SHALL contain exactly one [1..1] addr (CONF:1198-5397).	US_Realm-recordTarget-patientRole-patient-birthplace-place-errors	count(cda:addr)=1
a-1198-5407-error	The languageCommunication, if present, SHALL contain exactly one [1..1] languageCode, which SHALL be selected from ValueSet Language urn:oid:2.16.840.1.113883.1.11.11526 DYNAMIC (CONF:1198-5407).	US_Realm-recordTarget-patientRole-patient-languageCommunication-errors	count(cda:languageCode)=1
a-1198-5417-error	The providerOrganization, if present, SHALL contain at least one [1..*] id (CONF:1198-5417).	US_Realm-recordTarget-patientRole-providerOrganization-errors	count(cda:id) > 0
a-1198-5419-error	The providerOrganization, if present, SHALL contain at least one [1..*] name (CONF:1198-5419).	US_Realm-recordTarget-patientRole-providerOrganization-errors	count(cda:name) > 0
a-1198-5420-error	The providerOrganization, if present, SHALL contain at least one [1..*] telecom (CONF:1198-5420).	US_Realm-recordTarget-patientRole-providerOrganization-errors	count(cda:telecom) > 0
a-1198-5422-error	The providerOrganization, if present, SHALL contain at least one [1..*] US Realm Address (AD.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.2) (CONF:1198-5422).	US_Realm-recordTarget-patientRole-providerOrganization-errors	count(cda:addr) > 0

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1198-5445-error	Such authors SHALL contain exactly one [1..1] US Realm Date and Time (DTM.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.4) (CONF:1198-5445).	US_Realm-author-errors	count(cda:time)=1
a-1198-5448-error	Such authors SHALL contain exactly one [1..1] assignedAuthor (CONF:1198-5448).	US_Realm-author-errors	count(cda:assignedAuthor)=1
a-1198-5449-error	This assignedAuthor SHALL contain at least one [1..*] id (CONF:1198-5449).	US_Realm-author-assignedAuthor-errors	count(cda:id) > 0
a-1198-5452-error	This assignedAuthor SHALL contain at least one [1..*] US Realm Address (AD.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.2) (CONF:1198-5452).	US_Realm-author-assignedAuthor-errors	count(cda:addr) > 0
a-1198-5428-error	This assignedAuthor SHALL contain at least one [1..*] telecom (CONF:1198-5428).	US_Realm-author-assignedAuthor-errors	count(cda:telecom) > 0
a-1198-16790-error	There SHALL be exactly one assignedAuthor/assignedPerson or exactly one assignedAuthor/assignedAuthoringDevice (CONF:1198-16790).	US_Realm-author-assignedAuthor-errors	count(cda:assignedPerson)=1 or count(cda:assignedAuthoringDevice)=1
a-1198-16788-error	The code, if present, SHALL contain exactly one [1..1] @code, which SHOULD be selected from ValueSet Healthcare Provider Taxonomy (HIPAA) urn:oid:2.16.840.1.114222.4.11.1066 DYNAMIC (CONF:1198-16788).	US_Realm-author-assignedAuthor-code-errors	@code
a-1198-16789-error	The assignedPerson, if present, SHALL contain at least one [1..*] US Realm Person Name (PN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.5.1.1) (CONF:1198-16789).	US_Realm-author-assignedAuthor-assignedPerson-errors	count(cda:name) > 0
a-1198-16784-error	The assignedAuthoringDevice, if present, SHALL contain exactly one [1..1] manufacturerModelName (CONF:1198-16784).	US_Realm-author-assignedAuthor-assignedAuthoringDevice-errors	count(cda:manufacturerModelName)=1
a-1198-16785-error	The assignedAuthoringDevice, if present, SHALL contain exactly one [1..1] softwareName (CONF:1198-16785).	US_Realm-author-assignedAuthor-assignedAuthoringDevice-errors	count(cda:softwareName)=1
a-1198-5442-error	The dataEnterer, if present, SHALL contain exactly one [1..1] assignedEntity (CONF:1198-5442).	US_Realm-dataEnterer-errors	count(cda:assignedEntity)=1
a-1198-5443-error	This assignedEntity SHALL contain at least one [1..*] id (CONF:1198-5443).	US_Realm-dataEnterer-assignedEntity-errors	count(cda:id) > 0
a-1198-5460-error	This assignedEntity SHALL contain at least one [1..*] US Realm Address (AD.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.2) (CONF:1198-5460).	US_Realm-dataEnterer-assignedEntity-errors	count(cda:addr) > 0
a-1198-5466-error	This assignedEntity SHALL contain at least one [1..*] telecom (CONF:1198-5466).	US_Realm-dataEnterer-assignedEntity-errors	count(cda:telecom) > 0
a-1198-5469-error	This assignedEntity SHALL contain exactly one [1..1] assignedPerson (CONF:1198-5469).	US_Realm-dataEnterer-assignedEntity-errors	count(cda:assignedPerson)=1
a-1198-5470-error	This assignedPerson SHALL contain at least one [1..*] US Realm Person Name (PN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) (CONF:1198-5470).	US_Realm-dataEnterer-assignedEntity-assignedPerson-errors	count(cda:name) > 0
a-1198-5520-error	This custodian SHALL contain exactly one [1..1] assignedCustodian (CONF:1198-5520).	US_Realm-custodian-errors	count(cda:assignedCustodian)=1
a-1198-5521-error	This assignedCustodian SHALL contain exactly one [1..1] representedCustodianOrganization (CONF:1198-5521).	US_Realm-custodian-assignedCustodian-errors	count(cda:representedCustodianOrganization)=1
a-1198-5522-error	This representedCustodianOrganization SHALL contain at least one [1..*] id (CONF:1198-5522).	US_Realm-custodian-assignedCustodian-representedCustodianOrganization-errors	count(cda:id) > 0
a-1198-5524-error	This representedCustodianOrganization SHALL contain exactly one [1..1] name (CONF:1198-5524).	US_Realm-custodian-assignedCustodian-representedCustodianOrganization-errors	count(cda:name)=1
a-1198-5525-error	This representedCustodianOrganization SHALL contain exactly one [1..1] telecom (CONF:1198-5525).	US_Realm-custodian-assignedCustodian-representedCustodianOrganization-errors	count(cda:telecom)=1
a-1198-5559-error	This representedCustodianOrganization SHALL contain exactly one [1..1] US Realm Address (AD.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.2) (CONF:1198-5559).	US_Realm-custodian-assignedCustodian-representedCustodianOrganization-errors	count(cda:addr)=1
a-1198-5566-error	The informationRecipient, if present, SHALL contain exactly one [1..1] intendedRecipient (CONF:1198-5566).	US_Realm-informationRecipient-errors	count(cda:intendedRecipient)=1
a-1198-5568-error	The informationRecipient, if present, SHALL contain at least one [1..*] US Realm Person Name (PN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) (CONF:1198-5568).	US_Realm-informationRecipient-intendedRecipient-informationRecipient-errors	count(cda:name) > 0
a-1198-5578-error	The receivedOrganization, if present, SHALL contain exactly one [1..1] name (CONF:1198-5578).	US_Realm-informationRecipient-intendedRecipient-receivedOrganization-errors	count(cda:name)=1
a-1198-5580-error	The legalAuthenticator, if present, SHALL contain exactly one [1..1] US Realm Date and Time (DTM.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.4) (CONF:1198-5580).	US_Realm-legalAuthenticator-errors	count(cda:time)=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1198-5583-error	The legalAuthenticator, if present, SHALL contain exactly one [1..1] signatureCode (CONF:1198-5583).	US_Realm-legalAuthenticator-errors	count(cda:signatureCode)=1
a-1198-5585-error	The legalAuthenticator, if present, SHALL contain exactly one [1..1] assignedEntity (CONF:1198-5585).	US_Realm-legalAuthenticator-errors	count(cda:assignedEntity)=1
a-1198-5584-error	This signatureCode SHALL contain exactly one [1..1] @code="S" (CodeSystem: Participationsignature urn:oid:2.16.840.1.113883.5.89 STATIC) (CONF:1198-5584).	US_Realm-legalAuthenticator-signatureCode-errors	@code='S'
a-1198-5586-error	This assignedEntity SHALL contain at least one [1..*] id (CONF:1198-5586).	US_Realm-legalAuthenticator-assignedEntity-errors	count(cda:id) > 0
a-1198-5589-error	This assignedEntity SHALL contain at least one [1..*] US Realm Address (AD.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.2) (CONF:1198-5589).	US_Realm-legalAuthenticator-assignedEntity-errors	count(cda:addr) > 0
a-1198-5595-error	This assignedEntity SHALL contain at least one [1..*] telecom (CONF:1198-5595).	US_Realm-legalAuthenticator-assignedEntity-errors	count(cda:telecom) > 0
a-1198-5597-error	This assignedEntity SHALL contain exactly one [1..1] assignedPerson (CONF:1198-5597).	US_Realm-legalAuthenticator-assignedEntity-errors	count(cda:assignedPerson)=1
a-1198-5598-error	This assignedPerson SHALL contain at least one [1..*] US Realm Person Name (PN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) (CONF:1198-5598).	US_Realm-legalAuthenticator-assignedEntity-assignedPerson-errors	count(cda:name) > 0
a-1198-9953-error	The inFulfillmentOf, if present, SHALL contain exactly one [1..1] order (CONF:1198-9953).	US_Realm-inFulfillmentOf-errors	count(cda:order)=1
a-1198-9954-error	This order SHALL contain at least one [1..*] id (CONF:1198-9954).	US_Realm-inFulfillmentOf-order-errors	count(cda:id) > 0
a-1198-14836-error	The documentationOf, if present, SHALL contain exactly one [1..1] serviceEvent (CONF:1198-14836).	US_Realm-documentationOf-errors	count(cda:serviceEvent)=1
a-1198-14837-error	This serviceEvent SHALL contain exactly one [1..1] effectiveTime (CONF:1198-14837).	US_Realm-documentationOf-serviceEvent-errors	count(cda:effectiveTime)=1
a-1198-14838-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:1198-14838).	US_Realm-documentationOf-serviceEvent-effectiveTime-errors	count(cda:low)=1
a-1198-14840-error	The performer, if present, SHALL contain exactly one [1..1] @typeCode, which SHALL be selected from ValueSet x_ServiceEventPerformer urn:oid:2.16.840.1.113883.1.11.19601 STATIC (CONF:1198-14840).	US_Realm-documentationOf-serviceEvent-performer-errors	@typeCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.1.11.19601']/voc:code/@value
a-1198-14841-error	The performer, if present, SHALL contain exactly one [1..1] assignedEntity (CONF:1198-14841).	US_Realm-documentationOf-serviceEvent-performer-errors	count(cda:assignedEntity)=1
a-1198-14846-error	This assignedEntity SHALL contain at least one [1..*] id (CONF:1198-14846).	US_Realm-documentationOf-serviceEvent-performer-assignedEntity-errors	count(cda:id) > 0
a-1198-9956-error	The componentOf, if present, SHALL contain exactly one [1..1] encompassingEncounter (CONF:1198-9956).	US_Realm-componentOf-errors	count(cda:encompassingEncounter)=1
a-1198-9959-error	This encompassingEncounter SHALL contain at least one [1..*] id (CONF:1198-9959).	US_Realm-componentOf-encompassingEncounter-errors	count(cda:id) > 0
a-1198-9958-error	This encompassingEncounter SHALL contain exactly one [1..1] effectiveTime (CONF:1198-9958).	US_Realm-componentOf-encompassingEncounter-errors	count(cda:effectiveTime)=1
a-81-7900-error	SHALL contain exactly one [1..1] @classCode="MANU" Manufactured Product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110 STATIC) (CONF:81-7900).	Product-Instance-errors	@classCode='MANU'
a-81-7901-error	SHALL contain exactly one [1..1] templateId (CONF:81-7901) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.37" (CONF:81-10522).	Product-Instance-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.37'][not(@extension)])=1
a-81-7902-error	SHALL contain at least one [1..*] id (CONF:81-7902).	Product-Instance-errors	count(cda:id) > 0
a-81-7903-error	SHALL contain exactly one [1..1] playingDevice (CONF:81-7903).	Product-Instance-errors	count(cda:playingDevice)=1
a-81-7905-error	SHALL contain exactly one [1..1] scopingEntity (CONF:81-7905).	Product-Instance-errors	count(cda:scopingEntity)=1
a-81-7908-error	This scopingEntity SHALL contain at least one [1..*] id (CONF:81-7908).	Product-Instance-scopingEntity-errors	count(cda:id)>=1
a-2228-14110-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-14110).	Medication_Adverse_Effect_V3-errors	@classCode='OBS'
a-2228-14111-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-14111).	Medication_Adverse_Effect_V3-errors	@moodCode='EVN'
a-2228-28081-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28081).	Medication_Adverse_Effect_V3-errors	not(@negationInd)
a-2228-14112-error	SHALL contain exactly one [1..1] templateId (CONF:2228-14112) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.43" (CONF:2228-14113). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27030).	Medication_Adverse_Effect_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.43'][@extension='2016-02-01']) = 1
a-2228-14134-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-14134).	Medication_Adverse_Effect_V3-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-27964-error	SHALL contain exactly one [1..1] participant (CONF:2228-27964) such that it SHALL contain exactly one [1..1] @typeCode="CSM" Consumable (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-27968).SHALL contain exactly one [1..1] participantRole (CONF:2228-27965).	Medication_Adverse_Effect_V3-errors	count(cda:participant[@typeCode='CSM'][count(cda:participantRole) = 1])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-14135-error	This value SHALL contain exactly one [1..1] @code="419511003" Propensity to adverse reactions to drug (disorder) (CONF:2228-14135).	Medication_Adverse_Effect_V3-value-errors	@code='419511003'
a-2228-28554-error	This value SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-28554).	Medication_Adverse_Effect_V3-value-errors	@codeSystem='2.16.840.1.113883.6.96'
a-2228-27969-error	This participantRole SHALL contain exactly one [1..1] @classCode="MANU" Manufactured product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-27969).	Medication_Adverse_Effect_V3-participantRole-errors	@classCode='MANU'
a-2228-27966-error	This participantRole SHALL contain exactly one [1..1] playingEntity (CONF:2228-27966).	Medication_Adverse_Effect_V3-participantRole-errors	count(cda:playingEntity)=1
a-2228-27970-error	This playingEntity SHALL contain exactly one [1..1] @classCode="MMAT" Manufactured material (CodeSystem: EntityClass urn:oid:2.16.840.1.113883.5.41) (CONF:2228-27970).	Medication_Adverse_Effect_V3-playingEntity-errors	@classCode='MMAT'
a-2228-27967-error	This playingEntity SHALL contain exactly one [1..1] code (CONF:2228-27967).	Medication_Adverse_Effect_V3-playingEntity-errors	count(cda:code)=1
a-2228-27971-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27971).	Medication_Adverse_Effect_V3-code-errors	@sdtc:valueSet
a-67-11879-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:67-11879).	Status-errors	@classCode='OBS'
a-67-11880-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:67-11880).	Status-errors	@moodCode='EVN'
a-67-11881-error	SHALL contain exactly one [1..1] templateId (CONF:67-11881) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.93" (CONF:67-11882).	Status-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.93'][not(@extension)])=1
a-67-11884-error	SHALL contain at least one [1..*] id (CONF:67-11884).	Status-errors	count(cda:id) >= 1
a-67-11885-error	SHALL contain exactly one [1..1] code (CONF:67-11885).	Status-errors	count(cda:code)=1
a-67-11887-error	SHALL contain exactly one [1..1] value (CONF:67-11887).	Status-errors	count(cda:value)=1
a-67-11886-error	This code SHALL contain exactly one [1..1] @code="33999-4" status (CONF:67-11886).	Status-code-errors	@code='33999-4'
a-67-27011-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:67-27011).	Status-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-12444-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-12444).	Medication_Administered_V3-errors	@classCode='ACT'
a-2228-12445-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12445).	Medication_Administered_V3-errors	@moodCode='EVN'
a-2228-12446-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12446) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.42" (CONF:2228-12447). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27023).	Medication_Administered_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.42'][@extension='2016-02-01']) = 1
a-2228-12448-error	SHALL contain at least one [1..*] id (CONF:2228-12448).	Medication_Administered_V3-errors	count(cda:id) > 0
a-2228-12449-error	SHALL contain exactly one [1..1] code (CONF:2228-12449).	Medication_Administered_V3-errors	count(cda:code) = 1
a-2228-12452-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-12452).	Medication_Administered_V3-errors	count(cda:statusCode) = 1
a-2228-26714-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-26714).	Medication_Administered_V3-errors	count(cda:effectiveTime) = 1
a-2228-12454-error	SHALL contain at least one [1..*] entryRelationship (CONF:2228-12454) such that it SHALL contain exactly one [1..1] @typeCode="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-12455). SHALL contain exactly one [1..1] Medication Activity (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.16:2014-06-09) (CONF:2228-12456).	Medication_Administered_V3-errors	count(cda:entryRelationship[@typeCode='COMP'][count(cda:substanceAdministration[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.16'][@extension='2014-06-09'])=1]) > 0
a-2228-12450-error	This code SHALL contain exactly one [1..1] @code="416118004" administration (CONF:2228-12450).	Medication_Administered_V3-code-errors	@code = '416118004'
a-2228-28129-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-28129).	Medication_Administered_V3-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-2228-13241-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-13241).	Medication_Administered_V3-statuscode-errors	@code='completed'
a-2228-28552-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-28552).	Medication_Administered_V3-effectiveTime-errors	count(cda:low) = 1
a-2228-12457-error	This substanceAdministration SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12457).	Medication_Administered_V3-substanceAdministration-errors	@moodCode='EVN'
a-2228-27549-error	SHALL contain exactly one [1..1] @classCode="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27549).	Encounter-Recommended-errors	@classCode='ENC'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-11911-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11911).	Encounter-Recommended-errors	@moodCode='INT'
a-2228-11912-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11912) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.24" (CONF:2228-11913). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27066).	Encounter-Recommended-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.24'][@extension='2016-02-01'])=1
a-2228-11915-error	SHALL contain exactly one [1..1] code (CONF:2228-11915).	Encounter-Recommended-errors	count(cda:code)=1
a-2228-27347-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27347).	Encounter-Recommended-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-28660-error	This template SHALL be contained by an Encounter Recommended Act (CONF:2228-28660).	Encounter-Recommended-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.134'])=1
a-2228-27626-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27626).	Encounter-Recommended-code-errors	@sdtc:valueSet
a-2228-27337-error	SHALL contain exactly one [1..1] @classCode="PROC" Procedure (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27337).	Procedure-Recommended-errors	@classCode='PROC'
a-2228-11103-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11103).	Procedure-Recommended-errors	@moodCode='INT'
a-2228-11104-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11104) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.65" (CONF:2228-11105). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27086).	Procedure-Recommended-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.65'][@extension='2016-02-01'])=1
a-2228-11107-error	SHALL contain exactly one [1..1] code (CONF:2228-11107).	Procedure-Recommended-errors	count(cda:code)=1
a-2228-27352-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27352).	Procedure-Recommended-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27654-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27654).	Procedure-Recommended-code-errors	@sdtc:valueSet
a-2228-27729-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27729).	Procedure-Recommended-targetSiteCode-translation-errors	@sdtc:valueSet
a-2228-28050-error	SHALL contain exactly one [1..1] @classCode="PROC" Procedure (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28050).	Device-Applied-errors	@classCode='PROC'
a-2228-28051-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28051).	Device-Applied-errors	@moodCode='EVN'
a-2228-12391-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12391) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.7" (CONF:2228-12392). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27132).	Device-Applied-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.7'][@extension='2016-02-01'])=1
a-2228-12414-error	SHALL contain exactly one [1..1] code (CONF:2228-12414).	Device-Applied-errors	count(cda:code)=1
a-2228-12394-error	SHALL contain exactly one [1..1] statusCode="completed", which SHALL be selected from CodeSystem ActStatus (urn:oid:2.16.840.1.113883.5.14) (CONF:2228-12394)	Device-Applied-errors	count(cda:statusCode)=1
a-2228-12395-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-12395).	Device-Applied-errors	count(cda:effectiveTime)=1
a-2228-12398-error	SHALL contain exactly one [1..1] participant (CONF:2228-12396) such that it SHALL contain exactly one [1..1] @typeCode="DEV" device, which SHALL be selected from CodeSystem HL7ParticipationType (urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12397). SHALL contain exactly one [1..1] participantRole (CONF:2228-12398). This participantRole SHALL contain exactly one [1..1] @classCode="MANU" manufactured product, which SHALL be selected from CodeSystem RoleClass (urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12399). This participantRole SHALL contain exactly one [1..1] playingDevice (CONF:2228-12400). This playingDevice SHALL contain exactly one [1..1] @classCode="DEV" device, which SHALL be selected from CodeSystem HL7ParticipationType (urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12401). This playingDevice SHALL contain exactly one [1..1] code (CONF:2228-12402). This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27584).	Device-Applied-errors	count(cda:participant[@typeCode='DEV'][count(cda:participantRole[@classCode='MANU'][count(cda:playingDevice[@classCode='DEV'][count(cda:code[@sdtc:valueSet])=1])=1])=1])=1
a-2228-12415-error	This code SHALL contain exactly one [1..1] @code="360030002" application of device (CONF:2228-12415).	Device-Applied-code-errors	@code='360030002'
a-2228-27356-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-27536).	Device-Applied-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-2228-27537-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27537).	Device-Applied-effectiveTime-errors	count(cda:low)=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-12404-error	SHALL contain exactly one [1..1] @typeCode="RSON" has reason, which SHALL be selected from CodeSystem HL7ActRelationshipType (urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-12404).	Device-Applied-entryRelationship-errors	@typeCode='RSON'
a-2228-27131-error	SHALL contain exactly one [1..1] Reason (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.88:2014-12-01) (CONF:2228-27131).	Device-Applied-entryRelationship-errors	count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.88'][@extension='2014-12-01']])=1
a-2228-27731-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27731).	Device-Applied-targetSiteCode-translation-errors	@sdtc:valueSet
a-81-28426-error	SHALL contain exactly one [1..1] @classCode="SDLOC" (CodeSystem: RoleCode urn:oid:2.16.840.1.113883.5.111 STATIC) (CONF:81-7758).	Service-Delivery-Location-errors	@classCode='SDLOC'
a-81-10524-error	SHALL contain exactly one [1..1] templateId (CONF:81-7635) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.32" (CONF:81-10524).	Service-Delivery-Location-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.32'][not(@extension)])=1
a-81-16850-error	SHALL contain exactly one [1..1] code, which SHALL be selected from ValueSet HealthcareServiceLocation urn:oid:2.16.840.1.113883.1.11.20275 STATIC (CONF:81-16850).	Service-Delivery-Location-errors	count(cda:code)=1
a-81-7763-error	The playingEntity, if present, SHALL contain exactly one [1..1] @classCode="PLC" (CodeSystem: EntityClass urn:oid:2.16.840.1.113883.5.41 STATIC) (CONF:81-7763).	Service-Delivery-Location-playingEntity-errors	@classCode='PLC'
a-1140-13276-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1140-13276).	Radiation-Dosage-And-Duration-errors	@classCode='OBS'
a-1140-13277-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1140-13277).	Radiation-Dosage-And-Duration-errors	@moodCode='EVN'
a-1140-13278-error	SHALL contain exactly one [1..1] templateId (CONF:1140-13278) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.91" (CONF:1140-13279). SHALL contain exactly one [1..1] @extension="2014-12-01" (CONF:1140-27335).	Radiation-Dosage-And-Duration-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.91'][@extension='2014-12-01'])=1
a-1140-13281-error	SHALL contain at least one [1..*] id (CONF:1140-13281).	Radiation-Dosage-And-Duration-errors	count(cda:id) >= 1
a-1140-13282-error	SHALL contain exactly one [1..1] code (CONF:1140-13282).	Radiation-Dosage-And-Duration-errors	count(cda:code)=1
a-1140-13284-error	SHALL contain exactly one [1..1] statusCode (CONF:1140-13284).	Radiation-Dosage-And-Duration-errors	count(cda:statusCode)=1
a-1140-27568-error	This code SHALL contain exactly one [1..1] @code="77304-4" Radiation dose (CONF:1140-27568).	Radiation-Dosage-And-Duration-code-errors	@code='77304-4'
a-1140-27569-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1140-27569).	Radiation-Dosage-And-Duration-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-1140-13285-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1140-13285).	Radiation-Dosage-And-Duration-statusCode-errors	@code='completed'
a-1140-27319-error	One of the following combinations SHALL be present: @width, @low and @high, @low and @width or @width and @high. @width by itself shall only be used when no start or end time is known. For example, when one knows that the duration of radiation needs to be 30 minutes, but one may not yet know when the start time will be eg. in a Procedure Order (CONF:1140-27319).	Radiation-Dosage-And-Duration-effectiveTime-errors	cda:width or (cda:low and cda:high) or (cda:low and cda:width)or (cda:width and cda:high)
a-2228-7323-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11672) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.87" (CONF:2228-11673). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27035).	Result-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.87'][@extension='2016-02-01'])=1
a-2228-27658-error	SHALL contain exactly one [1..1] code (CONF:2228-27658).	Result-errors	count(cda:code)=1
a-2228-16701-error	SHALL contain exactly one [1..1] value (CONF:2228-16701).	Result-errors	count(cda:value)=1
a-2228-16702-error	If xsi:type=PQ, then @units shall be drawn from Unified Code for Units of Measure (UCUM) 2.16.840.1.113883.6.8 code system. Additional constraint is dependent on criteria in the corresponding eMeasure (CONF:2228-16702).	Result-errors	count(cda:value[@xsi:type='PQ'])=0 or count(cda:value[@xsi:type='PQ'][@unit])=1
a-2228-27659-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27659).	Result-code-errors	@sdtc:valueSet
a-2228-28437-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28437).	Device-Allergy-errors	@classCode='OBS'
a-2228-28438-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28438).	Device-Allergy-errors	@moodCode='EVN'
a-2228-28439-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28439).	Device-Allergy-errors	not(@negationInd)
a-2228-12134-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12134) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.6" (CONF:2228-26941). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27033).	Device-Allergy-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.6'][@extension='2016-02-01'])=1
a-2228-12140-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-12140).	Device-Allergy-errors	count(cda:value[@xsi:type='CD'])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-12141-error	SHALL contain exactly one [1..1] participant (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:2228-12141) such that it SHALL contain exactly one [1..1] @typeCode="PRD" product (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12142). SHALL contain exactly one [1..1] participantRole (CONF:2228-12143). This participantRole SHALL contain exactly one [1..1] @classCode="MANU" manufactured product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12144). This participantRole SHALL contain exactly one [1..1] playingDevice (CONF:2228-12145). This playingDevice SHALL contain exactly one [1..1] @classCode="DEV" device (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12146). This playingDevice SHALL contain exactly one [1..1] code (CONF:2228-12147). This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27583).	Device-Allergy-errors	count(cda:participant[@typeCode='PRD'][count(cda:participantRole[@classCode='MANU'][count(cda:playingDevice[@classCode='DEV'][count(cda:code[@sdtc:valueSet]=1])=1])=1])=1
a-2228-12148-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-12148) such that it SHALL contain exactly one [1..1] @typeCode="MFST" is manifestation of (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-12149). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-12150). SHALL contain exactly one [1..1] Reaction (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.85:2014-12-01) (CONF:2228-27127).	Device-Allergy-errors	count(cda:entryRelationship[@typeCode='MFST'][@inversionInd='true'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.85'][@extension='2014-12-01']])=1])=1
a-2228-12188-error	This value SHALL contain exactly one [1..1] @code="419199007" allergy to substance (CONF:2228-12188).	Device-Allergy-value-errors	@code='419199007'
a-2228-28440-error	This value SHALL contain exactly one [1..1] @codeSystem (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-28440).	Device-Allergy-value-errors	@codeSystem
a-2228-14175-error	SHALL contain exactly one [1..1] templateId (CONF:2228-14175) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.12" (CONF:2228-14176). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-26553).	Family_History_Organizer_QDM_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.12'][@extension='2016-02-01'])=1
a-2228-27715-error	SHALL contain at least one [1..*] component (CONF:2228-27715) such that it SHALL contain exactly one [1..1] Family History Observation QDM (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.112:2016-02-01) (CONF:2228-27716).	Family_History_Organizer_QDM_V3-errors	(count(cda:component[count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.112']]) = 1]) > 0)
a-1098-8826-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8826).	Immunization_activity-errors	@classCode='SBADM'
a-1098-8827-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet MoodCodeEvnInt urn:oid:2.16.840.1.113883.11.20.9.18 STATIC 2014-09-01 (CONF:1098-8827).	Immunization_activity-errors	@moodCode and @moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.18']/voc:code/@value
a-1098-8828-error	SHALL contain exactly one [1..1] templateId (CONF:1098-8828) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.52" (CONF:1098-10498). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32528).	Immunization_activity-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.52'][@extension='2014-06-09'])=1
a-1098-8829-error	SHALL contain at least one [1..*] id (CONF:1098-8829).	Immunization_activity-errors	count(cda:id) > 0
a-1098-8833-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-8833).	Immunization_activity-errors	count(cda:statusCode)=1
a-1098-8834-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-8834).	Immunization_activity-errors	count(cda:effectiveTime)=1
a-1098-8847-error	SHALL contain exactly one [1..1] consumable (CONF:1098-8847).	Immunization_activity-errors	count(cda:consumable)=1
a-1098-32359-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ActStatus urn:oid:2.16.840.1.113883.1.11.159331 DYNAMIC (CONF:1098-32359).	Immunization_activity-statusCode-errors	@code
a-1098-15546-error	This consumable SHALL contain exactly one [1..1] Immunization Medication Information (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.54:2014-06-09) (CONF:1098-15546).	Immunization_activity-consumable-errors	count(cda:manufacturedProduct[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.54'][@extension='2014-06-09']])=1
a-2228-11373-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11373).	Procedure-Adverse-Event-errors	@classCode='OBS'
a-2228-11374-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11374).	Procedure-Adverse-Event-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-11375-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11375) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.61" (CONF:2228-11376). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27009).	Procedure-Adverse-Event-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.61'][@extension='2016-02-01'])=1
a-2228-11377-error	SHALL contain exactly one [1..1] id (CONF:2228-11377).	Procedure-Adverse-Event-errors	count(cda:id)=1
a-2228-16419-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16419).	Procedure-Adverse-Event-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-11385-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-11385) such that it SHALL contain exactly one [1..1] Procedure Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.3.64:2016-02-01) (CONF:2228-27147). SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-11386). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-11387).	Procedure-Adverse-Event-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:procedure[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.64' and @extension = '2016-02-01']])=1])=1
a-2228-16420-error	This value SHALL contain exactly one [1..1] @code="281647001" Adverse reaction (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-16420).	Procedure-Adverse-Event-value-errors	@code='281647001'
a-1098-8538-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8538).	Planned_Act-errors	@classCode='ACT'
a-1098-8539-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet Planned moodCode (Act/Encounter/Procedure) urn:oid:2.16.840.1.113883.11.20.9.23 STATIC 2011-09-30 (CONF:1098-8539).	Planned_Act-errors	@moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.23']/voc:code/@value
a-1098-30430-error	SHALL contain exactly one [1..1] templateId (CONF:1098-30430) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.39" (CONF:1098-30431). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32552).	Planned_Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.39'][@extension='2014-06-09']) = 1
a-1098-8546-error	SHALL contain at least one [1..*] id (CONF:1098-8546).	Planned_Act-errors	count(cda:id) > 0
a-1098-31687-error	SHALL contain exactly one [1..1] code (CONF:1098-31687).	Planned_Act-errors	count(cda:code) = 1
a-1098-30432-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-30432).	Planned_Act-errors	count(cda:statusCode) = 1
a-1098-32019-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-32019).	Planned_Act-statusCode-errors	@code='active'
a-2228-27556-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27556).	Physical_Exam_Recommended_V3-errors	@classCode='OBS'
a-2228-12665-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12665).	Physical_Exam_Recommended_V3-errors	@moodCode='INT'
a-2228-12666-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12666) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.60" (CONF:2228-12667). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27082).	Physical_Exam_Recommended_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.60'][@extension='2016-02-01']) = 1
a-2228-12669-error	SHALL contain exactly one [1..1] code (CONF:2228-12669).	Physical_Exam_Recommended_V3-errors	count(cda:code) = 1
a-2228-13275-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-13275).	Physical_Exam_Recommended_V3-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-27351-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27351).	Physical_Exam_Recommended_V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']]) = 1
a-2228-13274-error	This code SHALL contain exactly one [1..1] @code="29545-1" physical examination (CONF:2228-13274).	Physical_Exam_Recommended_V3-code-errors	@code='29545-1'
a-2228-28132-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-28132).	Physical_Exam_Recommended_V3-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-27653-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27653).	Physical_Exam_Recommended_V3-effectiveTime-errors	@sdtc:valueSet
a-1140-28033-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1140-28033).	Target-Outcome-errors	@classCode='OBS'
a-1140-28034-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1140-28034).	Target-Outcome-errors	@moodCode='EVN'
a-1140-28025-error	SHALL contain exactly one [1..1] templateId (CONF:1140-28025) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.119" (CONF:1140-28028). SHALL contain exactly one [1..1] @extension="2014-12-01" (CONF:1140-28029).	Target-Outcome-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.119'][@extension='2014-12-01'])=1
a-1140-28035-error	SHALL contain at least one [1..*] id (CONF:1140-28035).	Target-Outcome-errors	count(cda:id)>=1
a-1140-28026-error	SHALL contain exactly one [1..1] code, which SHOULD be selected from CodeSystem LOINC (urn:oid:2.16.840.1.113883.6.1) (CONF:1140-28026).	Target-Outcome-errors	count(cda:code)=1
a-1140-28027-error	SHALL contain exactly one [1..1] value (CONF:1140-28027).	Target-Outcome-errors	count(cda:value)=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-81-7490-error	SHALL contain exactly one [1..1] @classCode="MANU" (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110 STATIC) (CONF:81-7490).	Drug-Vehicle-errors	@classCode='MANU'
a-81-7495-error	SHALL contain exactly one [1..1] templateId (CONF:817495) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.24" (CONF:81-10493).	Drug-Vehicle-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.24'][not(@extension)])=1
a-81-19137-error	SHALL contain exactly one [1..1] code (CONF:81-19137).	Drug-Vehicle-errors	count(cda:code)=1
a-81-7492-error	SHALL contain exactly one [1..1] playingEntity (CONF:81-7492).	Drug-Vehicle-errors	count(cda:playingEntity)=1
a-81-30818-error	This code SHALL contain exactly one [1..1] @code="412307009" Drug Vehicle (CONF:81-19138).	Drug-Vehicle-code-errors	@code='412307009'
a-81-26502-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:81-26502).	Drug-Vehicle-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-81-7493-error	This playingEntity SHALL contain exactly one [1..1] code (CONF:81-7493).	Drug-Vehicle-playingEntity-errors	count(cda:code)=1
a-CMS_0112-error	Data types of ST SHALL either not be empty or have @nullFlavor. (CONF: CMS_0112)	r-validate_ST-errors	string-length()>=1 or @nullFlavor
a-81-7292-error	SHALL contain exactly one [1..1] city (CONF:81-7292).	US-Realm-Address-errors	count(cda:city)=1
a-81-7291-error	SHALL contain at least one and not more than 4 [1..4] streetAddressLine (CONF:81-7291).	US-Realm-Address-errors	count(cda:streetAddressLine) > 0 and count(cda:streetAddressLine) < 5
a-2228-27354-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27354).	Intervention_Performed_V3-errors	@classCode='ACT'
a-2228-13590-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13590).	Intervention_Performed_V3-errors	@moodCode='EVN'

a-2228-13591-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13591) such that it
	    SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.32" (CONF:2228-13592).
	    SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27144).
		Intervention_Performed_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.32'][@extension='2016-02-01']) = 1

a-2228-27633-error	SHALL contain exactly one [1..1] code (CONF:2228-27633).	Intervention_Performed_V3-errors	count(cda:code) = 1
a-2228-27362-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-27362).	Intervention_Performed_V3-errors	count(cda:statusCode)=1
a-2228-13611-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-13611).	Intervention_Performed_V3-errors	count(cda:effectiveTime) = 1
a-2228-27634-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27634).	Intervention_Performed_V3-code-errors	@sdtc:valueSet
a-2228-27363-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-27363).	Intervention_Performed_V3-statusCode-errors	@code='completed'
a-2228-13612-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-13612).	Intervention_Performed_V3-effectiveTime-errors	count(cda:low)=1
a-2228-27308-error	SHALL contain exactly one [1..1] @classCode="PROC" Procedure (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27308).	Procedure-Performed-errors	@classCode='PROC'
a-2228-11261-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11261).	Procedure-Performed-errors	@moodCode='EVN'
a-2228-11262-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11262) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.64" (CONF:2228-11263). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27129).	Procedure-Performed-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.64'][@extension='2016-02-01'])=1
a-2228-27309-error	SHALL contain exactly one [1..1] code (CONF:2228-27309).	Procedure-Performed-errors	count(cda:code)=1
a-2228-27305-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-27305).	Procedure-Performed-errors	count(cda:statusCode)=1
a-2228-11669-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11669).	Procedure-Performed-errors	count(cda:effectiveTime)=1
a-2228-27310-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27310).	Procedure-Performed-code-errors	@sdtc:valueSet
a-2228-27367-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-27367).	Procedure-Performed-statusCode-errors	@code='completed'
a-2228-11670-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-11670).	Procedure-Performed-effectiveTime-errors	count(cda:low)=1
a-2228-11671-error	This effectiveTime SHALL contain exactly one [1..1] high (CONF:2228-11671).	Procedure-Performed-effectiveTime-errors	count(cda:high)=1
a-2228-27313-error	The approachSiteCode, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27313).	Procedure-Performed-approachSiteCode-errors	@sdtc:valueSet
a-2228-27766-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27766).	Procedure-Performed-targetSiteCode-translation-errors	@sdtc:valueSet
a-1098-8568-error	SHALL contain exactly one [1..1] @classCode="PROC" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8568).	Planned-Procedure-errors	@classCode='PROC'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-8569-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet Planned moodCode (Act/Encounter/Procedure) urn:oid:2.16.840.1.113883.11.20.9.23 STATIC 2011-09-30 (CONF:1098-8569).	Planned-Procedure-errors	@moodCode and @moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.23']/voc:code/@value
a-1098-30444-error	SHALL contain exactly one [1..1] templateId (CONF:1098-30444) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.41" (CONF:1098-30445). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32554).	Planned-Procedure-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.41'][@extension='2014-06-09'])=1
a-1098-8571-error	SHALL contain at least one [1..*] id (CONF:1098-8571).	Planned-Procedure-errors	count(cda:id) >= 1
a-1098-30446-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-30446).	Planned-Procedure-errors	count(cda:statusCode)=1
a-1098-31976-error	SHALL contain exactly one [1..1] code (CONF:1098-31976).	Planned-Procedure-errors	count(cda:code)=1
a-1098-31978-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-31978).	Planned-Procedure-statusCode-errors	@code='active'
a-1098-32017-error	SHALL contain exactly one [1..1] templateId (CONF:1098-32017) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.119" (CONF:1098-32018).	Author-Participation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119'][not(@extension)])=1
a-1098-31471-error	SHALL contain exactly one [1..1] time (CONF:1098-31471).	Author-Participation-errors	count(cda:time)=1
a-1098-31472-error	SHOULD contain zero or one [0..1] state (ValueSet: StateValueSet urn:oid:2.16.840.1.113883.3.88.12.80.1 DYNAMIC) (CONF:81-7293).	Author-Participation-errors	count(cda:assignedAuthor)=1
a-1098-31473-error	This assignedAuthor SHALL contain at least one [1..*] id (CONF:1098-31473).	Author-Participation-assignedAuthor-errors	count(cda:id)>=1
a-CMS_0105-error	Data types of BL SHALL have either @value or @nullFlavor but SHALL NOT have both @value and @nullFlavor (CONF: CMS_0105)	r-validate_BL-errors	(@value or @nullFlavor) and not(@value and @nullFlavor)
a-2228-12910-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12910) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.1.1" (CONF:2228-14613). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27005)	QRDA_Category_I_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.1.1'][@extension='2016-02-01'])=1
a-2228-12911-error	SHALL contain exactly one [1..1] code (CONF:2228-12911).	QRDA_Category_I_V3-errors	count(cda:code)=1
a-2228-12912-error	SHALL contain exactly one [1..1] title (CONF:2228-12912).	QRDA_Category_I_V3-errors	count(cda:title)=1
a-2228-12913-error	SHALL contain exactly one [1..1] recordTarget (CONF:2228-12913).	QRDA_Category_I_V3-errors	count(cda:recordTarget)=1
a-2228-12914-error	SHALL contain exactly one [1..1] custodian (CONF:2228-12914).	QRDA_Category_I_V3-errors	count(cda:custodian)=1
a-2228-13817-error	SHALL contain exactly one [1..1] legalAuthenticator (CONF:2228-13817).	QRDA_Category_I_V3-errors	count(cda:legalAuthenticator)=1
a-2228-12918-error	SHALL contain exactly one [1..1] component (CONF:2228-12918).	QRDA_Category_I_V3-errors	count(cda:component)=1
a-2228-28137-error	This code SHALL contain exactly one [1..1] @code="55182-0" Quality Measure Report (CONF:2228-28137).	QRDA_Category_I_V3-code-errors	@code='55182-0'
a-2228-28138-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-28138).	QRDA_Category_I_V3-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-28387-error	This recordTarget SHALL contain exactly one [1..1] patientRole (CONF:2228-28387).	QRDA_Category_I_V3-recordTarget-errors	count(cda:patientRole)=1
a-2228-12915-error	This custodian SHALL contain exactly one [1..1] assignedCustodian (CONF:2228-12915).	QRDA_Category_I_V3-custodian-errors	count(cda:assignedCustodian)=1
a-2228-12916-error	This assignedCustodian SHALL contain exactly one [1..1] representedCustodianOrganization (CONF:2228-12916).	QRDA_Category_I_V3-custodian-assignedCustodian-errors	count(cda:representedCustodianOrganization)=1
a-2228-12919-error	This component SHALL contain exactly one [1..1] structuredBody (CONF:2228-12919).	QRDA_Category_I_V3-component-errors	count(cda:structuredBody)=1
a-2228-12920-error	This structuredBody SHALL contain exactly one [1..1] component (CONF:2228-12920) such that it SHALL contain exactly one [1..1] Measure Section (identifier: urn:oid:2.16.840.1.113883.10.20.24.2.2) (CONF:2228-17078).	QRDA_Category_I_V3-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.24.2.2']])=1])=1
a-2228-12923-error	This structuredBody SHALL contain exactly one [1..1] component (CONF:2228-12923) such that it SHALL contain exactly one [1..1] Reporting Parameters Section (identifier: urn:oid:2.16.840.1.113883.10.20.17.2.1) (CONF:2228-17079).	QRDA_Category_I_V3-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.17.2.1']])=1])=1
a-2228-12924-error	This structuredBody SHALL contain exactly one [1..1] component (CONF:2228-12924) such that it SHALL contain exactly one [1..1] Patient Data Section (identifier: urn:oid:2.16.840.1.113883.10.20.17.2.4) (CONF:2228-17080).	QRDA_Category_I_V3-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.17.2.4']])=1])=1
a-81-8621-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:81-8621).	Family_History_Death_Observation-errors	@classCode='OBS'
a-81-8622-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:81-8622).	Family_History_Death_Observation-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-81-8623-error	SHALL contain exactly one [1..1] templateId (CONF:81-8623) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.47" (CONF:81-10495).	Family_History_Death_Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.47'][not(@extension)])=1
a-81-19141-error	SHALL contain exactly one [1..1] code (CONF:81-19141).	Family_History_Death_Observation-errors	count(cda:code)=1
a-81-8625-error	SHALL contain exactly one [1..1] statusCode (CONF:81-8625).	Family_History_Death_Observation-errors	count(cda:statusCode)=1
a-81-8626-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:81-8626).	Family_History_Death_Observation-errors	count(cda:value[@xsi:type='CD'])=1
a-81-19142-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:81-19142).	Family_History_Death_Observation-code-errors	@code ='ASSERTION'
a-81-26504-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:81-26504).	Family_History_Death_Observation-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-81-19097-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:81-19097).	Family_History_Death_Observation-statusCode-errors	@code='completed'
a-81-26470-error	This value SHALL contain exactly one [1..1] @code="419099009" Dead (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96 STATIC) (CONF:81-26470).	Family_History_Death_Observation-value-errors	@code='419099009'
a-CMS_0113-error	Data types of TS SHALL have either @value or @nullFlavor but SHALL NOT have @value and @nullFlavor. (CONF: CMS_0113)	r-validate_TS-errors-abstract	count(@value | @nullFlavor)<2
a-1140-28373-error	SHALL contain exactly one [1..1] @classCode="SPLY" Supply (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1140-28373).	Medication_Supply_Request-errors	@classCode='SPLY'
a-1140-13820-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1140-13820).	Medication_Supply_Request-errors	@moodCode='RQO'
a-1140-13821-error	SHALL contain exactly one [1..1] templateId (CONF:1140-13821) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.99" (CONF:1140-13822). SHALL contain exactly one [1..1] @extension="2014-04-05" (CONF:1140-28374).	Medication_Supply_Request-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.99'][@extension='2014-04-05']) = 1
a-1140-13829-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1140-13829).	Medication_Supply_Request-errors	count(cda:effectiveTime) = 1
a-1098-7408-error	SHALL contain exactly one [1..1] @classCode="MANU" (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110 STATIC) (CONF:1098-7408).	Medication_Information-errors	@classCode='MANU'
a-1098-7409-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7409) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.23" (CONF:1098-10506). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32579).	Medication_Information-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.23'][@extension='2014-06-09']) = 1
a-1098-7411-error	SHALL contain exactly one [1..1] manufacturedMaterial (CONF:1098-7411).	Medication_Information-errors	count(cda:manufacturedMaterial) = 1
a-1098-7412-error	This manufacturedMaterial SHALL contain exactly one [1..1] code, which SHALL be selected from ValueSet Medication Clinical Drug urn:oid:2.16.840.1.113762.1.4.1010.4 DYNAMIC (CONF:1098-7412).	Medication_Information-manufacturedMaterial-errors	count(cda:code) = 1
a-1098-31931-error	encounter	External-Document-Reference-errors	@classCode='DOCCLIN'
a-1098-31932-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-31932).	External-Document-Reference-errors	@moodCode='EVN'
a-1098-32748-error	SHALL contain exactly one [1..1] templateId (CONF:1098-32748) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.115" (CONF:1098-32750).SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32749).	External-Document-Reference-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.115'][@extension='2014-06-09'])=1
a-1098-32751-error	SHALL contain exactly one [1..1] id (CONF:1098-32751).	External-Document-Reference-errors	count(cda:id)=1
a-1098-31933-error	SHALL contain exactly one [1..1] code (CONF:1098-31933).	External-Document-Reference-errors	count(cda:code)=1
a-2228-11767-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11767).	Diagnostic-Study-Adverse-Event-errors	@classCode='OBS'
a-2228-11768-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11768).	Diagnostic-Study-Adverse-Event-errors	@moodCode='EVN'
a-2228-11769-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11769) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.15" (CONF:2228-11770). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27012).	Diagnostic-Study-Adverse-Event-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.15'][@extension='2016-02-01'])=1
a-2228-16408-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16408).	Diagnostic-Study-Adverse-Event-errors	count(cda:value[@xsi:type='CD'])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-11779-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-11779) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-11780). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-11781). SHALL contain exactly one [1..1] Diagnostic Study Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.18:2016-02-01) (CONF:2228-27149).	Diagnostic-Study-Adverse-Event-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.18'][@extension='2016-02-01']])=1])=1
a-2228-26938-error	This value SHALL contain exactly one [1..1] @code="281647001" Adverse reaction (CONF:2228-26938).	Diagnostic-Study-Adverse-Event-value-errors	@code='281647001'
a-2228-26939-error	This value SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CONF:2228-26939).	Diagnostic-Study-Adverse-Event-value-errors	@codeSystem='2.16.840.1.113883.6.96'
a-1098-7318-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7318).	Allergy_status_observation-errors	@classCode='OBS'
a-1098-7319-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7319).	Allergy_status_observation-errors	@moodCode='EVN'
a-1098-7317-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7317) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.28" (CONF:1098-10490).	Allergy_status_observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.28'][not(@extension)])=1
a-1098-7320-error	SHALL contain exactly one [1..1] code (CONF:1098-7320).	Allergy_status_observation-errors	count(cda:code)=1
a-1098-7321-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7321).	Allergy_status_observation-errors	count(cda:statusCode)=1
a-1098-7322-error	SHALL contain exactly one [1..1] value with @xsi:type="CE", where the code SHALL be selected from ValueSet Problem Status urn:oid:2.16.840.1.113883.3.88.12.80.68 DYNAMIC (CONF:1098-7322).	Allergy_status_observation-errors	count(cda:value[@xsi:type='CE'])=1
a-1098-19131-error	This code SHALL contain exactly one [1..1] @code="33999-4" Status (CONF:1098-19131).	Allergy_status_observation-code-errors	@code='33999-4'
a-1098-32155-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1098-32155).	Allergy_status_observation-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-1098-19087-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1098-19087).	Allergy_status_observation-statusCode-errors	@code='completed'
a-2228-13538-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-13538).	Intervention_Adverse_Event-errors	@classCode='OBS'
a-2228-13539-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13539).	Intervention_Adverse_Event-errors	@moodCode='EVN'
a-2228-13540-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13540) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.29" (CONF:2228-13541). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27016).	Intervention_Adverse_Event-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.29'][@extension='2016-02-01']) = 1
a-2228-13542-error	SHALL contain exactly one [1..1] id (CONF:2228-13542).	Intervention_Adverse_Event-errors	count(cda:id) = 1
a-2228-16412-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16412).	Intervention_Adverse_Event-errors	cda:value[@xsi:type='CD']
a-2228-13549-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-13549) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-13550). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-13551). SHALL contain exactly one [1..1] Intervention Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.32:2016-02-01) (CONF:2228-27151).	Intervention_Adverse_Event-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:act[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.32'][@extension='2016-02-01']])=1])=1
a-2228-16413-error	This value SHALL contain exactly one [1..1] @code="281647001" Adverse reaction (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-16413).	Intervention_Adverse_Event-value-errors	@code='281647001'
a-2228-28487-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28487).	Encounter-Recommended-Act-errors	@classCode='ACT'
a-2228-28488-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28488	Encounter-Recommended-Act-errors	@moodCode='INT'
a-2228-28485-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28485) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.134" (CONF:2228-28490).	Encounter-Recommended-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.134'][not(@extension)])=1
a-2228-28491-error	SHALL contain at least one [1..*] id (CONF:2228-28491).	Encounter-Recommended-Act-errors	count(cda:id)>=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-28677-error	SHALL contain exactly one [1..1] code (CONF:2228-28677).	Encounter-Recommended-Act-errors	count(cda:code)=1
a-2228-28486-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28486) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28492). SHALL contain exactly one [1..1] Encounter Recommended (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.24:2016-02-01) (CONF:2228-28493).	Encounter-Recommended-Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:encounter[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.24'][@extension='2016-02-01']])=1])=1
a-2228-28678-error	This code SHALL contain exactly one [1..1] @code="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28678).	Encounter-Recommended-Act-code-errors	@code='ENC'
a-1198-8710-error	SHALL contain exactly one [1..1] @classCode="ENC" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-8710).	Encounter-Activity-errors	@classCode='ENC'
a-1198-8711-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-8711).	Encounter-Activity-errors	@moodCode='EVN'
a-1198-8712-error	SHALL contain exactly one [1..1] templateId (CONF:1198-8712) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.49" (CONF:1198-26353). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32546).	Encounter-Activity-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.49'][@extension='2015-08-01'])=1
a-1198-8713-error	SHALL contain at least one [1..*] id (CONF:1198-8713).	Encounter-Activity-errors	count(cda:id)>=1
a-1198-8714-error	SHALL contain exactly one [1..1] code (CONF:1198-8714).	Encounter-Activity-errors	count(cda:code)=1
a-1198-8715-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1198-8715).	Encounter-Activity-errors	count(cda:effectiveTime)=1
a-1198-15972-error	This reference/@value SHALL begin with a '#' and SHALL point to its corresponding narrative (using the approach defined in CDA Release 2, section 4.3.5.1) (CONF:1198-15972).	Encounter-Activity-code-originalText-reference-value-errors	starts-with(@value,'#')
a-1198-8726-error	The performer, if present, SHALL contain exactly one [1..1] assignedEntity (CONF:1198-8726).	Encounter-Activity-performer-errors	count(cda:assignedEntity)=1
a-81-8991-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:81-8991).	Immunization_refusal_reason-errors	@classCode='OBS'
a-81-8992-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:81-8992).	Immunization_refusal_reason-errors	@moodCode='EVN'
a-81-8993-error	SHALL contain exactly one [1..1] templateId (CONF:81-8993) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.53" (CONF:81-10500).	Immunization_refusal_reason-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.53'][not(@extension)])=1
a-81-8994-error	SHALL contain at least one [1..*] id (CONF:81-8994).	Immunization_refusal_reason-errors	count(cda:id) > 0
a-81-8995-error	SHALL contain exactly one [1..1] code, which SHALL be selected from ValueSet No Immunization Reason Value Set urn:oid:2.16.840.1.113883.1.11.19717 DYNAMIC (CONF:81-8995).	Immunization_refusal_reason-errors	count(cda:code)=1
a-81-8996-error	SHALL contain exactly one [1..1] statusCode (CONF:81-8996).	Immunization_refusal_reason-errors	count(cda:statusCode)=1
a-81-19104-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:81-19104).	Immunization_refusal_reason-statusCode-errors	@code='completed'
a-1098-31500-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1098-31500).	Substance-Administered-Act-errors	@classCode='ACT'
a-1098-31501-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-31501).	Substance-Administered-Act-errors	@moodCode='EVN'
a-1098-31502-error	SHALL contain exactly one [1..1] templateId (CONF:1098-31502) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.118" (CONF:1098-31503).	Substance-Administered-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.118'])=1
a-1098-31504-error	SHALL contain at least one [1..*] id (CONF:1098-31504).	Substance-Administered-Act-errors	count(cda:id)>=1
a-1098-31506-error	SHALL contain exactly one [1..1] code (CONF:1098-31506).	Substance-Administered-Act-errors	count(cda:code)=1
a-1098-31505-error	SHALL contain exactly one [1..1] statusCode="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-31505).	Substance-Administered-Act-errors	count(cda:statusCode[@code='completed'])=1
a-1098-31507-error	This code SHALL contain exactly one [1..1] @code="416118004" Administration (CONF:1098-31507).	Substance-Administered-Act-code-errors	@code='416118004'
a-1098-31508-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:1098-31508).	Substance-Administered-Act-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-1098-8564-error	SHALL contain exactly one [1..1] @classCode="ENC" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8564).	Planned_Encounter-errors	@classCode='ENC'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-8565-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet Planned moodCode (Act/Encounter/Procedure) urn:oid:2.16.840.1.113883.11.20.9.23 STATIC 2011-09-30 (CONF:1098-8565).	Planned_Encounter-errors	@moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.23']/voc:code/@value
a-1098-30437-error	SHALL contain exactly one [1..1] templateId (CONF:1098-30437) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.40" (CONF:1098-30438). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32553).	Planned_Encounter-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.40'][@extension='2014-06-09']) = 1
a-1098-8567-error	SHALL contain at least one [1..*] id (CONF:1098-8567).	Planned_Encounter-errors	count(cda:id) > 0
a-1098-30439-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-30439).	Planned_Encounter-errors	count(cda:statusCode) = 1
a-1098-31880-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-31880).	Planned_Encounter-statusCode-errors	@code='active'
a-2228-28426-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28426).	Transfer-To-Act-errors	@classCode='ACT'
a-2228-28427-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28427).	Transfer-To-Act-errors	@moodCode='EVN'
a-2228-28421-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28421).	Transfer-To-Act-errors	count(cda:templateId)=1
a-2228-28428-error	SHALL contain at least one [1..*] id (CONF:2228-28428).	Transfer-To-Act-errors	count(cda:id)>=1
a-2228-28422-error	SHALL contain exactly one [1..1] code (CONF:2228-28422).	Transfer-To-Act-errors	count(cda:code)=1
a-2228-28420-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28420) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" Has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28429). SHALL contain exactly one [1..1] Transfer To (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.82:2016-02-01) (CONF:2228-28423).	Transfer-To-Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:encounter[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.82'][@extension='2016-02-01']])=1])=1
a-2228-28424-error	This templateId SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.142" (CONF:2228-28424).	Transfer-To-Act-templateId-errors	@root='2.16.840.1.113883.10.20.24.3.142'
a-2228-28425-error	This code SHALL contain exactly one [1..1] @code="ENC" encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28425).	Transfer-To-Act-code-errors	@code='ENC'
a-1198-9024-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-9024).	Problem-Concern-Act-errors	@classCode='ACT'
a-1198-9025-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-9025).	Problem-Concern-Act-errors	@moodCode='EVN'
a-1198-16772-error	SHALL contain exactly one [1..1] templateId (CONF:1198-16772) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.3" (CONF:1198-16773). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32509).	Problem-Concern-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.3'][@extension='2015-08-01'])=1
a-1198-9026-error	SHALL contain at least one [1..*] id (CONF:1198-9026).	Problem-Concern-Act-errors	count(cda:id) >= 1
a-1198-9027-error	SHALL contain exactly one [1..1] code (CONF:1198-9027).	Problem-Concern-Act-errors	count(cda:code)=1
a-1198-9029-error	SHALL contain exactly one [1..1] statusCode (CONF:1198-9029).	Problem-Concern-Act-errors	count(cda:statusCode)=1
a-1198-9030-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1198-9030).	Problem-Concern-Act-errors	count(cda:effectiveTime)=1
a-1198-9034-error	SHALL contain at least one [1..*] entryRelationship (CONF:1198-9034) such that it SHALL contain exactly one [1..1] Problem Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01) (CONF:1198-15980). SHALL contain exactly one [1..1] @typeCode="SUBJ" Has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 STATIC) (CONF:1198-9035).	Problem-Concern-Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.4'][@extension='2015-08-01']])=1]) >= 1
a-1198-19184-error	This code SHALL contain exactly one [1..1] @code="CONC" Concern (CONF:1198-19184).	Problem-Concern-Act-code-errors	@code='CONC'
a-1198-32168-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.6" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1198-32168).	Problem-Concern-Act-code-errors	@codeSystem='2.16.840.1.113883.5.6'
a-1198-31525-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ProblemAct statusCode urn:oid:2.16.840.1.113883.11.20.9.19 STATIC (CONF:1198-31525).	Problem-Concern-Act-statusCode-errors	@code
a-1198-9032-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:1198-9032).	Problem-Concern-Act-effectiveTime-errors	count(cda:low)=1
a-1198-7130-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-7130).	Result-Observation-errors	@classCode='OBS'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1198-7131-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-7131).	Result-Observation-errors	@moodCode='EVN'
a-1198-7136-error	SHALL contain exactly one [1..1] templateId (CONF:1198-7136) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.2" (CONF:1198-9138). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32575).	Result-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.2'][@extension='2015-08-01'])=1
a-1198-7137-error	SHALL contain at least one [1..*] id (CONF:1198-7137).	Result-Observation-errors	count(cda:id)>=1
a-1198-7133-error	SHALL contain exactly one [1..1] code, which SHOULD be selected from CodeSystem LOINC (urn:oid:2.16.840.1.113883.6.1) (CONF:1198-7133).	Result-Observation-errors	count(cda:code)=1
a-1198-7134-error	SHALL contain exactly one [1..1] statusCode (CONF:1198-7134).	Result-Observation-errors	count(cda:statusCode)=1
a-1198-7140-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1198-7140).	Result-Observation-errors	count(cda:effectiveTime)=1
a-1198-7143-error	SHALL contain exactly one [1..1] value (CONF:1198-7143).	Result-Observation-errors	count(cda:value)=1
a-1198-14849-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Result Status urn:oid:2.16.840.1.113883.11.20.9.39 STATIC (CONF:1198-14849).	Result-Observation-statusCode-errors	@code
a-1198-32476-error	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 STATIC (CONF:1198-32476).	Result-Observation-interpretationCode-errors	@code
a-1198-7151-error	The referenceRange, if present, SHALL contain exactly one [1..1] observationRange (CONF:1198-7151).	Result-Observation-referenceRange-errors	count(cda:observationRange)=1
a-1198-7152-error	This observationRange SHALL NOT contain [0..0] code (CONF:1198-7152).	Result-Observation-referenceRange-observationRange-errors	count(cda:code)=0
a-1198-32175-error	This observationRange SHALL contain exactly one [1..1] value (CONF:1198-32175).	Result-Observation-referenceRange-observationRange-errors	count(cda:value)=1
a-2228-11433-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11433).	Procedure-Intolerance-errors	@classCode='OBS'
a-2228-11434-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11434).	Procedure-Intolerance-errors	@moodCode='EVN'
a-2228-11435-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11435) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.62" (CONF:2228-11436). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27020).	Procedure-Intolerance-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.62'][@extension='2016-02-01'])=1
a-2228-11437-error	SHALL contain exactly one [1..1] id (CONF:2228-11437).	Procedure-Intolerance-errors	count(cda:id)=1
a-2228-14574-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-14574).	Procedure-Intolerance-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-11601-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-11601) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-11602). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-11603). SHALL contain exactly one [1..1] Procedure Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.64:2016-02-01) (CONF:2228-27148).	Procedure-Intolerance-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:procedure[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.64' and @extension = '2016-02-01'])=1])=1
a-2228-16421-error	This value SHALL contain exactly one [1..1] @code="102460003" Decreased tolerance (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-16421).	Procedure-Intolerance-value-errors	@code='102460003'
a-2228-11733-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11733).	Diagnostic-Study-Intolerance-errors	@classCode='OBS'
a-2228-11734-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11734).	Diagnostic-Study-Intolerance-errors	@moodCode='EVN'
a-2228-11735-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11735) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.16" (CONF:2228-11736). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27015).	Diagnostic-Study-Intolerance-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.16'][@extension='2016-02-01'])=1
a-2228-11737-error	SHALL contain exactly one [1..1] id (CONF:2228-11737).	Diagnostic-Study-Intolerance-errors	count(cda:id)=1
a-2228-14572-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-14572).	Diagnostic-Study-Intolerance-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-11745-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-11745) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-11746). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-11747). SHALL contain exactly one [1..1] Diagnostic Study Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.18:2016-02-01) (CONF:2228-27150).	Diagnostic-Study-Intolerance-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.18'][@extension='2016-02-01'])=1])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-16411-error	This value SHALL contain exactly one [1..1] @code="102460003" Decreased tolerance (CONF:2228-16411).	Diagnostic-Study-Intolerance-value-errors	@code='102460003'
a-2228-28406-error	This value SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CONF:2228-28406).	Diagnostic-Study-Intolerance-value-errors	@codeSystem='2.16.840.1.113883.6.96'
a-2228-27355-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27355).	Intervention_Recommended_V3-errors	@classCode='ACT'
a-2228-13763-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13763).	Intervention_Recommended_V3-errors	@moodCode='INT'
a-2228-13764-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13764) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.33" (CONF:2228-13765). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-26557).	Intervention_Recommended_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.33'][@extension='2016-02-01']) = 1
a-2228-13767-error	SHALL contain exactly one [1..1] code (CONF:2228-13767).	Intervention_Recommended_V3-errors	count(cda:code) = 1
a-2228-27349-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27349).	Intervention_Recommended_V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']]) = 1
a-2228-27635-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27635).	Intervention_Recommended_V3-code-errors	@sdtc:valueSet
a-2228-12464-error	SHALL contain exactly one [1..1] @classCode="OBS" observation, which SHALL be selected from CodeSystem HL7ActClass (urn:oid:2.16.840.1.113883.5.6) (CONF:2228-12464).	Patient_care_experience-errors	@classCode='OBS'
a-2228-12465-error	SHALL contain exactly one [1..1] @moodCode="EVN" event, which SHALL be selected from CodeSystem ActMood (urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12465).	Patient_care_experience-errors	@moodCode='EVN'
a-2228-28085-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28085)	Patient_care_experience-errors	not(@negationInd)
a-2228-12466-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12466) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.48" (CONF:2228-12467). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27290).	Patient_care_experience-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.48'][@extension='2016-02-01']) = 1
a-2228-12469-error	SHALL contain at least one [1..*] id (CONF:2228-12469).	Patient_care_experience-errors	count(cda:id) > 0
a-2228-12470-error	SHALL contain exactly one [1..1] code (CONF:2228-12470).	Patient_care_experience-errors	count(cda:code) = 1
a-2228-12471-error	SHALL contain exactly one [1..1] statusCode="completed", which SHALL be selected from CodeSystem ActStatus (urn:oid:2.16.840.1.113883.5.14) (CONF:2228-12471).	Patient_care_experience-errors	count(cda:statusCode[@code='completed']) = 1
a-2228-12472-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-12472).	Patient_care_experience-errors	count(cda:effectiveTime) = 1
a-2228-13038-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-13038).	Patient_care_experience-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-13037-error	This code SHALL contain exactly one [1..1] @code="77218-6" Patient satisfaction with healthcare delivery (CONF:2228-13037).	Patient_care_experience-code-errors	@code='77218-6'
a-2228-27555-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-27555).	Patient_care_experience-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-27553-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27553).	Patient_care_experience-effectiveTime-errors	count(cda:low) = 1
a-2228-27647-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27647).	Patient_care_experience-value-errors	@sdtc:valueSet
a-1098-29035-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-29035).	Prognosis-Observation-errors	@classCode='OBS'
a-1098-29036-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-29036).	Prognosis-Observation-errors	@moodCode='EVN'
a-1098-29037-error	SHALL contain exactly one [1..1] templateId (CONF:1098-29037) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.113" (CONF:1098-29038).	Prognosis-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.113'][not(@extension)])=1
a-1098-29439-error	SHALL contain exactly one [1..1] value (CONF:1098-29439).	Prognosis-Observation-errors	count(cda:code)=1
a-1098-31350-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-31350).	Prognosis-Observation-errors	count(cda:statusCode)=1
a-1098-31123-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-31123).	Prognosis-Observation-errors	count(cda:effectiveTime)=1
a-1098-29469-error	SHALL contain exactly one [1..1] value (CONF:1098-29469).	Prognosis-Observation-errors	count(cda:value)=1
a-1098-29468-error	This code SHALL contain exactly one [1..1] @code="75328-5" Prognosis (CONF:1098-29468).	Prognosis-Observation-code-errors	@code='75328-5'
a-1098-31349-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1098-31349).	Prognosis-Observation-code-errors	@codeSystem='2.16.840.1.113883.6.1'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-31351-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-31351).	Prognosis-Observation-statusCode-errors	@code='completed'
a-CMS_0110-error	Data types of PQ SHALL have either @value or @nullFlavor but SHALL NOT have both @value and @nullFlavor. If @value is present then @unit SHALL be present but @unit SHALL NOT be present if @value is not present. (CONF: CMS_0110)	r-validate_PQ-errors	((@value and @unit) or @nullFlavor) and not (@value and @nullFlavor) and not(@unit and @nullFlavor) and not(not(@value) and @unit)
a-CMS_0121-error	A Coordinated Universal Time (UTC time) offset should not be used anywhere in a QRDA Category I file or, if a UTC time offset is needed anywhere, then it must be specified everywhere a time field is provided (CONF: CMS_0121).	r-validate_TZ-errors	(parent::node()[parent::node()[parent::node()[cda:act[cda:templateId[@root='2.16.840.1.113883.10.20.17.3.8.1'][@extension='2016-03-01']]]]]) or ($timeZoneExists=(contains(normalize-space(@value), '-') or contains(normalize-space(@value), '+')) or @nullFlavor
a-81-7159-error	SHALL contain exactly one [1..1] family (CONF:81-7159).	US-Realm-Patient-Name-errors	count(cda:family[@xsi:type='ST'])=1
a-81-7157-error	SHALL contain at least one [1..*] given (CONF:81-7157).	US-Realm-Patient-Name-errors	count(cda:given[@xsi:type='ST']) >=1
a-2228-16711-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-16711).	Patient_Characteristic_Clinical_Trial_Participant-errors	@classCode='OBS'
a-2228-12526-error	SHALL contain exactly one [1..1] @moodCode="EVN" event, which SHALL be selected from CodeSystem ActMood (urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12526).	Patient_Characteristic_Clinical_Trial_Participant-errors	@moodCode='EVN'
a-2228-28086-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28086).	Patient_Characteristic_Clinical_Trial_Participant-errors	not(@negationInd)
a-2228-12537-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12537) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.51" (CONF:2228-12538). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27026).	Patient_Characteristic_Clinical_Trial_Participant-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.51'][@extension='2016-02-01']) = 1
a-2228-26996-error	SHALL contain at least one [1..*] id (CONF:2228-26996).	Patient_Characteristic_Clinical_Trial_Participant-errors	count(cda:id) > 0
a-2228-13041-error	SHALL contain exactly one [1..1] code (CONF:2228-13041).	Patient_Characteristic_Clinical_Trial_Participant-errors	count(cda:code) = 1
a-2228-13042-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-13042).	Patient_Characteristic_Clinical_Trial_Participant-errors	count(cda:statusCode) = 1
a-2228-12536-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-12536).	Patient_Characteristic_Clinical_Trial_Participant-errors	count(cda:effectiveTime) = 1
a-2228-16712-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16712).	Patient_Characteristic_Clinical_Trial_Participant-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-28130-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:2228-28130).	Patient_Characteristic_Clinical_Trial_Participant-code-errors	@code='ASSERTION'
a-2228-28131-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:2228-28131).	Patient_Characteristic_Clinical_Trial_Participant-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-2228-13042-c-error	SHALL contain exactly one [1..1] code="active" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-13042).	Patient_Characteristic_Clinical_Trial_Participant-statusCode-errors	@code='active'
a-2228-27668-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27668).	Patient_Characteristic_Clinical_Trial_Participant-effectiveTime-errors	count(cda:low)=1
a-2228-27648-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27648).	Patient_Characteristic_Clinical_Trial_Participant-value-errors	@sdtc:valueSet
a-1098-30949-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1098-30949).	Priority-Preference-errors	@classCode='OBS'
a-1098-30950-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-30950).	Priority-Preference-errors	@moodCode='EVN'
a-1098-30951-error	SHALL contain exactly one [1..1] templateId (CONF:1098-30951) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.143" (CONF:1098-30952).	Priority-Preference-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.143'][not(@extension)])=1
a-1098-30953-error	SHALL contain at least one [1..*] id (CONF:1098-30953).	Priority-Preference-errors	count(cda:id) >= 1
a-1098-30954-error	SHALL contain exactly one [1..1] code (CONF:1098-30954).	Priority-Preference-errors	count(cda:code)=1
a-1098-30957-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Priority Level urn:oid:2.16.840.1.113883.11.20.9.60 STATIC 2014-06-11 (CONF:1098-30957).	Priority-Preference-errors	count(cda:value[@xsi:type='CD' and @code=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.60']/voc:code/@value or @nullFlavor])=1
a-1098-30955-error	This code SHALL contain exactly one [1..1] @code="225773000" Preference (CONF:1098-30955).	Priority-Preference-code-errors	@code='225773000'
a-1098-30956-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:1098-30956).	Priority-Preference-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-2228-28444-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28444).	Device-Order-Act-V3-errors	@classCode='ACT'
a-2228-28445-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28445).	Device-Order-Act-V3-errors	@moodCode='RQO'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-28441-error	SHALL contain at least one [1..*] templateId (CONF:2228-28441) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.130" (CONF:2228-28447).	Device-Order-Act-V3-errors	count(cda:templateId[@root='2.16.840.10.20.24.3.130'][not(@extension)])>0
a-2228-28442-error	SHALL contain exactly one [1..1] code (CONF:2228-28442).	Device-Order-Act-V3-errors	count(cda:code) =1
a-2228-28443-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28443) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" Has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28450). SHALL contain exactly one [1..1] Device Order (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.9:2016-02-01) (CONF:2228-28451).	Device-Order-Act-V3-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:supply[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.9' and @extension = '2016-02-01'])]=1)]=1
a-2228-28448-error	This code SHALL contain exactly one [1..1] @code="SPLY" Supply (CONF:2228-28448).	Device-Order-Act-V3-code-errors	@code='SPLY'
a-2228-28449-error	This code SHALL contain exactly one [1..1] @codeSystem (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28449).	Device-Order-Act-V3-code-errors	@codeSystem
a-1098-7345-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7345).	Severity-Observation-errors	@classCode='OBS'
a-1098-7346-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7346).	Severity-Observation-errors	@moodCode='EVN'
a-1098-7347-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7347) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.8" (CONF:1098-10525). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32577).	Severity-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.8'][@extension='2014-06-09'])=1
a-1098-19168-error	SHALL contain exactly one [1..1] code (CONF:1098-19168).	Severity-Observation-errors	count(cda:code)=1
a-1098-7352-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7352).	Severity-Observation-errors	count(cda:statusCode)=1
a-1098-7356-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Problem Severity urn:oid:2.16.840.1.113883.3.88.12.3221.6.8 DYNAMIC (CONF:1098-7356).	Severity-Observation-errors	count(cda:value[@xsi:type='CD'])=1
a-1098-19169-error	This code SHALL contain exactly one [1..1] @code="SEV" Severity (CONF:1098-19169).	Severity-Observation-code-errors	@code='SEV'
a-1098-32170-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1098-32170).	Severity-Observation-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-1098-19115-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1098-19115).	Severity-Observation-statusCode-errors	@code='completed'
a-2228-16550-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-16550).	Discharge-Medication-errors	@classCode='ACT'
a-2228-16551-error	SHALL contain exactly one [1..1] @moodCode="RQO" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-16551).	Discharge-Medication-errors	@moodCode='RQO'
a-2228-26956-error	SHALL contain exactly one [1..1] templateId (CONF:2228-26956) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.105" (CONF:2228-26957). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27037).	Discharge-Medication-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.105'][@extension='2016-02-01'])=1
a-2228-26955-error	SHALL contain at least one [1..*] id (CONF:2228-26955).	Discharge-Medication-errors	count(cda:id)>=1
a-2228-16552-error	SHALL contain exactly one [1..1] code (CONF:2228-16552).	Discharge-Medication-errors	count(cda:code)=1
a-2228-16553-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-16553) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-16554) SHALL contain exactly one [1..1] Medication Activity (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.16:2014-06-09) (CONF:2228-16555).	Discharge-Medication-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:substanceAdministration[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.16'][@extension='2014-06-09'])]=1)]=1
a-2228-28140-error	This code SHALL contain exactly one [1..1] @code="75311-1" Discharge medications (CONF:2228-28140).	Discharge-Medication-code-errors	@code='75311-1'
a-2228-28141-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-28141).	Discharge-Medication-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-11484-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11484).	Communication-From-Patient-To-Provider-V3-errors	@classCode='ACT'
a-2228-11485-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11485).	Communication-From-Patient-To-Provider-V3-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-11486-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11486) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.2" (CONF:2228-11487). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27275).	Communication-From-Patient-To-Provider-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.2'][@extension='2016-02-01'])=1
a-2228-11619-error	SHALL contain at least one [1..*] id (CONF:2228-11619).	Communication-From-Patient-To-Provider-V3-errors	count(cda:id)>=1
a-2228-26946-error	SHALL contain exactly one [1..1] code (CONF:2228-27576).	Communication-From-Patient-To-Provider-V3-errors	count(cda:code)=1
a-2228-11620-error	SHALL contain exactly one [1..1] statusCode="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-11620).	Communication-From-Patient-To-Provider-V3-errors	count(cda:statusCode[@code='completed'])=1
a-2228-11622-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11622).	Communication-From-Patient-To-Provider-V3-errors	count(cda:effectiveTime)=1
a-2228-11631-error	SHALL contain exactly one [1..1] participant (CONF:2228-11631) such that it SHALL contain exactly one [1..1] participantRole (CONF:2228-11633). This participantRole SHALL contain exactly one [1..1] code (CONF:2228-11651). This code SHALL contain exactly one [1..1] @code="158965000" Medical practitioner (CONF:2228-27272). This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-26945). This participantRole SHALL contain exactly one [1..1] @classCode="ASSIGNED" assigned entity (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12098). SHALL contain exactly one [1..1] @typeCode="IRCP" information recipient (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-11632).	Communication-From-Patient-To-Provider-V3-errors	count(cda:participant[@typeCode='IRCP'][count(cda:participantRole[@classCode='ASSIGNED'][count(cda:code[@code='158965000'][@codeSystem='2.16.840.1.113883.6.96'])=1])=1])=1
a-2228-11835-error	SHALL contain exactly one [1..1] participant (CONF:2228-11835) such that it SHALL contain exactly one [1..1] participantRole (CONF:2228-11836). This participantRole SHALL contain exactly one [1..1] @classCode="PAT" patient (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12100). SHALL contain exactly one [1..1] @typeCode="AUT" author (originator) (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12099).	Communication-From-Patient-To-Provider-V3-errors	count(cda:participant[@typeCode='AUT'][count(cda:participantRole[@classCode='PAT'])=1])=1
a-2228-27578-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (2228-27578).	Communication-From-Patient-To-Provider-V3-code-errors	@sdtc:valueSet
a-2228-27543-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27543).	Communication-From-Patient-To-Provider-V3-effectiveTime-errors	count(cda:low)=1
a-2228-16536-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CONF:2228-16536).	Patient_Characteristic_Observation_Assertion-errors	@classCode='OBS'
a-2228-16537-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-16537).	Patient_Characteristic_Observation_Assertion-errors	@moodCode='EVN'
a-2228-28623-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28623).	Patient_Characteristic_Observation_Assertion-errors	not(@negationInd)
a-2228-26962-error	SHALL contain exactly one [1..1] templateId (CONF:2228-26962) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.103" (CONF:2228-26963). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27781).	Patient_Characteristic_Observation_Assertion-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.103'][@extension='2016-02-01']) = 1
a-2228-16538-error	SHALL contain at least one [1..*] id (CONF:2228-16538).	Patient_Characteristic_Observation_Assertion-errors	count(cda:id) > 0
a-2228-16544-error	SHALL contain exactly one [1..1] code (CONF:2228-16544).	Patient_Characteristic_Observation_Assertion-errors	count(cda:code) = 1
a-2228-16539-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-16539).	Patient_Characteristic_Observation_Assertion-errors	count(cda:statusCode) = 1
a-2228-16540-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-16540).	Patient_Characteristic_Observation_Assertion-errors	count(cda:effectiveTime) = 1
a-2228-16541-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16541)	Patient_Characteristic_Observation_Assertion-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-16545-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" (CONF:2228-16545).	Patient_Characteristic_Observation_Assertion-code-errors	@code='ASSERTION'
a-2228-28135-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:2228-28135).	Patient_Characteristic_Observation_Assertion-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-2228-16545-c-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CONF:2228-16539)	Patient_Characteristic_Observation_Assertion-statusCode-errors	@code='completed'
a-2228-27670-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27670).	Patient_Characteristic_Observation_Assertion-effectiveTime-errors	count(cda:low)=1
a-2228-27672-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27672).	Patient_Characteristic_Observation_Assertion-value-errors	@sdtc:valueSet
a-1140-11357-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1140-11357).	Reason-errors	@classCode='OBS'
a-1140-11358-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1140-11358).	Reason-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1140-11359-error	SHALL contain exactly one [1..1] templateId (CONF:1140-11359) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.88" (CONF:1140-11360). SHALL contain exactly one [1..1] @extension="2014-12-01" (CONF:1140-27027).	Reason-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.88'][@extension='2014-12-01'])=1
a-1140-26998-error	SHALL contain at least one [1..*] id (CONF:1140-26998).	Reason-errors	count(cda:id) >= 1
a-1140-11361-error	SHALL contain exactly one [1..1] code (CONF:1140-11361).	Reason-errors	count(cda:code)=1
a-1140-11364-error	SHALL contain exactly one [1..1] statusCode (CONF:1140-11364).	Reason-errors	count(cda:statusCode)=1
a-1140-11366-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1140-11366).	Reason-errors	count(cda:effectiveTime)=1
a-1140-11367-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:1140-11367).	Reason-errors	count(cda:value)=1
a-1140-11362-error	This code SHALL contain exactly one [1..1] @code="77301-0" Reason care action performed or not (CONF:1140-11362).	Reason-code-errors	@code='77301-0'
a-1140-27028-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1140-27028).	Reason-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-1140-11365-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1140-11365).	Reason-statusCode-errors	@code='completed'
a-1140-27551-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:1140-27551).	Reason-effectiveTime-errors	count(cda:low)=1
a-1140-27657-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:1140-27657).	Reason-value-errors	@sdtc:valueSet
a-2228-28087-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28087).	Patient_Characteristic_Expired-errors	@classCode='OBS'
a-2228-28088-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28088).	Patient_Characteristic_Expired-errors	@moodCode='EVN'
a-2228-28089-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28089).	Patient_Characteristic_Expired-errors	not(@negationInd)
a-2228-12540-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12540) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.54" (CONF:2228-12541). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27014).	Patient_Characteristic_Expired-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.54'][@extension='2016-02-01']) = 1
a-67-12794-error	SHALL contain exactly one [1..1] templateId (CONF:67-12794) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.17.2.4" (CONF:67-12795).	Patient-data-section-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.17.2.4'][not(@extension)])=1
a-67-3865-error	SHALL contain exactly one [1..1] code (CONF:67-3865).	Patient-data-section-errors	count(cda:code)=1
a-67-3866-error	SHALL contain exactly one [1..1] title="Patient Data" (CONF:67-3866).	Patient-data-section-errors	count(cda:title[translate(text(), 'ABCDEFGHIJKLMNOPQRSTUVWXYZ', 'abcdefghijklmnopqrstuvwxyz']='patient data'])=1
a-67-3867-error	SHALL contain exactly one [1..1] text (CONF:67-3867).	Patient-data-section-errors	count(cda:text)=1
a-67-14567-error	SHALL contain at least one [1..*] entry (CONF:67-14567).	Patient-data-section-errors	count(cda:entry) > 0
a-67-26548-error	This code SHALL contain exactly one [1..1] @code="55188-7" (CONF:67-26548).	Patient-data-section-code-errors	@code='55188-7'
a-67-27013-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:67-27013).	Patient-data-section-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-1098-8581-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8581).	Planned-Observation-errors	@classCode='OBS'
a-1098-8582-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet Planned moodCode (Observation) urn:oid:2.16.840.1.113883.11.20.9.25 STATIC 2011-09-30 (CONF:1098-8582).	Planned-Observation-errors	@moodCode and @moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.25']/voc:code/@value
a-1098-30451-error	SHALL contain exactly one [1..1] templateId (CONF:1098-30451) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.44" (CONF:1098-30452). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32555).	Planned-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.44'][@extension='2014-06-09'])=1
a-1098-8584-error	SHALL contain at least one [1..*] id (CONF:1098-8584).	Planned-Observation-errors	count(cda:id) >= 1
a-1098-30453-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-30453).	Planned-Observation-errors	count(cda:statusCode)=1
a-1098-31030-error	SHALL contain exactly one [1..1] code, which SHOULD be selected from CodeSystem LOINC (urn:oid:2.16.840.1.113883.6.1) (CONF:1098-31030).	Planned-Observation-errors	count(cda:code)=1
a-1098-32032-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-32032).	Planned-Observation-statusCode-errors	@code='active'
a-2228-27530-error	SHALL contain exactly one [1..1] @classCode="ENC" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27530).	Encounter-Active-errors	@classCode='ENC'
a-2228-27531-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-27531).	Encounter-Active-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-11888-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11888) such that it SSHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.21" (CONF:2228-11889). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-26551).	Encounter-Active-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.21'][@extension='2016-02-01'])=1
a-2228-27621-error	SHALL contain exactly one [1..1] code (CONF:2228-27621).	Encounter-Active-errors	count(cda:code)=1
a-2228-11895-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-11895).	Encounter-Active-errors	count(cda:statusCode)=1
a-2228-11898-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11898).	Encounter-Active-errors	count(cda:effectiveTime)=1
a-2228-27622-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27622).	Encounter-Active-code-errors	@sdtc:valueSet
a-2228-11896-error	This statusCode SHALL contain exactly one [1..1] @code="active" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-11896).	Encounter-Active-statusCode-errors	@code='active'
a-2228-26549-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-26549).	Encounter-Active-effectiveTime-errors	count(cda:low)=1
a-2228-27416-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27416).	Laboratory_Test_Recommended_V3-errors	@classCode='OBS'
a-2228-11793-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11793).	Laboratory_Test_Recommended_V3-errors	@moodCode='INT'
a-2228-11794-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11794) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.39" (CONF:2228-11795). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27077).	Laboratory_Test_Recommended_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.39'][@extension='2016-02-01']) = 1
a-2228-27639-error	SHALL contain exactly one [1..1] code (CONF:2228-27639).	Laboratory_Test_Recommended_V3-errors	count(cda:code) = 1
a-2228-27350-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27350).	Laboratory_Test_Recommended_V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27640-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27640).	Laboratory_Test_Recommended_V3-code-errors	@sdtc:valueSet
a-23-14611-error	SHALL contain exactly one [1..1] templateId (CONF:23-14611) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.17.2.1" (CONF:23-14612).	Reporting-parameters-section-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.17.2.1'][not(@extension)])=1
a-23-18191-error	SHALL contain exactly one [1..1] code (CONF:23-18191).	Reporting-parameters-section-errors	count(cda:code)=1
a-23-4142-error	SHALL contain exactly one [1..1] title="Reporting Parameters" (CONF:23-4142).	Reporting-parameters-section-errors	count(cda:title[translate(text(), 'ABCDEFGHIJKLMNOPQRSTUVWXYZ', 'abcdefghijklmnopqrstuvwxyz')]='reporting parameters'])=1
a-23-4143-error	SHALL contain exactly one [1..1] text (CONF:23-4143).	Reporting-parameters-section-errors	count(cda:text)=1
a-23-3277-error	SHALL contain exactly one [1..1] entry (CONF:23-3277) such that it SHALL contain exactly one [1..1] @typeCode="DRIV" Is derived from (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 STATIC) (CONF:23-3278). SHALL contain exactly one [1..1] Reporting Parameters Act (identifier: urn:oid:2.16.840.1.113883.10.20.17.3.8) (CONF:23-17496).	Reporting-parameters-section-errors	count(cda:entry[@typeCode='DRIV'][count(cda:act[cda:templateId[@root='2.16.840.1.113883.10.20.17.3.8']])=1])=1
a-23-19229-error	This code SHALL contain exactly one [1..1] @code="55187-9" Reporting Parameters (CONF:23-19229).	Reporting-parameters-section-code-errors	@code='55187-9'
a-23-26552-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:23-26552).	Reporting-parameters-section-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-27685-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27685).	Family_History_Observation_QDM_V2-errors	@classCode='OBS'
a-2228-27686-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-27686).	Family_History_Observation_QDM_V2-errors	@moodCode='EVN'
a-2228-28057-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28057).	Family_History_Observation_QDM_V2-errors	not(@negationInd)
a-2228-27675-error	SHALL contain exactly one [1..1] templateId (CONF:2228-27675) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.112" (CONF:2228-27681). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27682).	Family_History_Observation_QDM_V2-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.112'][@extension='2016-02-01'])=1
a-2228-27688-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-27688).	Family_History_Observation_QDM_V2-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-28661-error	This template SHALL be contained by a Family History Organizer QDM (V3) (CONF:2228-28661).	Family_History_Observation_QDM_V2-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.12'][@extension='2016-02-01'])=1
a-2228-27695-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27695).	Family_History_Observation_QDM_V2-may-code-translation-errors	@sdtc:valueSet
a-2228-14060-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-14060).	Laboratory_Test_Adverse_Event_V3-errors	@classCode='OBS'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-14061-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-14061).	Laboratory_Test_Adverse_Event_V3-errors	@moodCode='EVN'
a-2228-14062-error	SHALL contain exactly one [1..1] templateId (CONF:2228-14062) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.35" (CONF:2228-14063). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27018).	Laboratory_Test_Adverse_Event_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.35'][@extension='2016-02-01']) = 1
a-2228-16416-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16416).	Laboratory_Test_Adverse_Event_V3-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-14072-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-14072) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-14073). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-14074). SHALL contain exactly one [1..1] Laboratory Test Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.38:2016-02-01) (CONF:2228-27154).	Laboratory_Test_Adverse_Event_V3-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.38'][@extension='2016-02-01']])=1])=1
a-2228-16417-error	This value SHALL contain exactly one [1..1] @code="281647001" Adverse reaction (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-16417)	Laboratory_Test_Adverse_Event_V3-value-errors	@code='281647001'
a-1098-7427-error	SHALL contain exactly one [1..1] @classCode="SPLY" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7427).	Medication_Supply_Order-errors	@classCode='SPLY'
a-1098-7428-error	SHALL contain exactly one [1..1] @moodCode="INT" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7428).	Medication_Supply_Order-errors	@moodCode='INT'
a-1098-7429-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7429) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.17" (CONF:1098-10507). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32578).	Medication_Supply_Order-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.17'][@extension='2014-06-09']) = 1
a-1098-7430-error	SHALL contain at least one [1..*] id (CONF:1098-7430).	Medication_Supply_Order-errors	count(cda:id) > 0
a-1098-7432-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7432).	Medication_Supply_Order-errors	count(cda:statusCode) = 1
a-1098-32362-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ActStatus urn:oid:2.16.840.1.113883.1.11.159331 DYNAMIC (CONF:1098-32362).	Medication_Supply_Order-statusCode-errors	count(@code)=1
a-1098-7444-error	The entryRelationship, if present, SHALL contain exactly one [1..1] @typeCode="SUBJ" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 STATIC) (CONF:1098-7444).	Medication_Supply_Order-may-entryRelationship-errors	@typeCode='SUBJ'
a-1098-7445-error	The entryRelationship, if present, SHALL contain exactly one [1..1] @inversionInd="true" True (CONF:1098-7445).	Medication_Supply_Order-may-entryRelationship-errors	@inversionInd='true'
a-1098-31391-error	The entryRelationship, if present, 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:1098-31391).	Medication_Supply_Order-may-entryRelationship-errors	count(cda:act[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.20'][@extension='2014-06-09']])=1
a-1098-31945-error	SHALL contain exactly one [1..1] @classCode="ACT" act (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1098-31945).	Planned_Coverage-errors	@classCode='ACT'
a-1098-31946-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-31946).	Planned_Coverage-errors	@moodCode='INT'
a-1098-31947-error	SHALL contain exactly one [1..1] templateId (CONF:1098-31947) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.129" (CONF:1098-31948).	Planned_Coverage-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.129'][not(@extension)]) = 1
a-1098-31950-error	SHALL contain at least one [1..*] id (CONF:1098-31950).	Planned_Coverage-errors	count(cda:id) > 0
a-1098-31951-error	SHALL contain exactly one [1..1] code (CONF:1098-31951).	Planned_Coverage-errors	count(cda:code) = 1
a-1098-31954-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-31954).	Planned_Coverage-errors	count(cda:statusCode) = 1
a-1098-31967-error	SHALL contain exactly one [1..1] entryRelationship (CONF:1098-31967) such that it SHALL contain exactly one [1..1] @typeCode="COMP" has component (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1098-31968). SHALL contain exactly one [1..1] act (CONF:1098-31969).	Planned_Coverage-errors	count(cda:entryRelationship[@typeCode='COMP'][count(cda:act)=1]) = 1
a-1098-31952-error	This code SHALL contain exactly one [1..1] @code="48768-6" Payment Sources (CONF:1098-31952).	Planned_Coverage-code-errors	@code='48768-6'
a-1098-31953-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1098-31953).	Planned_Coverage-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-1098-31955-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1098-31955).	Planned_Coverage-statusCode-errors	@code='active'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-31970-error	This act SHALL contain exactly one [1..1] @classCode="ACT" ACT (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1098-31970).	Planned_Coverage-act-errors	@classCode='ACT'
a-1098-31971-error	This act SHALL contain exactly one [1..1] @moodCode="INT" intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-31971).	Planned_Coverage-act-errors	@moodCode='INT'
a-1098-31972-error	This act SHALL contain at least one [1..*] id (CONF:1098-31972).	Planned_Coverage-act-errors	count(cda:id) > 0
a-1098-31973-error	This act SHALL contain exactly one [1..1] code, which SHALL be selected from ValueSet Payer urn:oid:2.16.840.1.114222.4.11.3591 DYNAMIC (CONF:1098-31973).	Planned_Coverage-act-errors	count(cda:code) = 1
a-1098-31974-error	This act SHALL contain exactly one [1..1] statusCode (CONF:1098-31974).	Planned_Coverage-act-errors	count(cda:statusCode) = 1
a-1098-31975-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-31975).	Planned_Coverage-act-statusCode-errors	@code='active'
a-2228-28510-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28510).	Diagnosis-errors	@classCode='OBS'
a-2228-28511-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28511).	Diagnosis-errors	@moodCode='EVN'
a-2228-28512-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28512).	Diagnosis-errors	not(@negationInd)
a-2228-28498-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28498) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.135" (CONF:2228-28503).	Diagnosis-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.135'][not(@extension)])=1
a-2228-28499-error	SHALL contain exactly one [1..1] code (CONF:2228-28499).	Diagnosis-errors	count(cda:code)=1
a-2228-28500-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-28500).	Diagnosis-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-28658-error	This template SHALL be contained by a Diagnosis Concern Act (V2) (CONF:2228-28658).	Diagnosis-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.137'][@extension='2016-08-01'])=1
a-2228-28505-error	This code SHALL contain exactly one [1..1] @code="29308-4" diagnosis (CONF:2228-28505).	Diagnosis-code-errors	@code='29308-4'
a-2228-28506-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-28506).	Diagnosis-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-28508-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-28508).	Diagnosis-value-errors	@sdtc:valueSet
a-2228-27495-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27495).	Substance-Recommended-errors	@classCode='SBADM'
a-2228-13784-error	SHALL contain exactly one [1..1] @moodCode="INT" intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13784).	Substance-Recommended-errors	@moodCode='INT'
a-2228-13785-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13785) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.75" (CONF:2228-13786). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27152).	Substance-Recommended-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.75'][@extension='2016-02-01'])=1
a-2228-27988-error	SHALL contain exactly one [1..1] consumable (CONF:2228-27988).	Substance-Recommended-errors	count(cda:consumable)=1
a-2228-27720-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27720).	Substance-Recommended-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27989-error	This consumable SHALL contain exactly one [1..1] manufacturedProduct (CONF:2228-27989).	Substance-Recommended-consumable-errors	count(cda:manufacturedProduct)=1
a-2228-27990-error	This manufacturedProduct SHALL contain exactly one [1..1] manufacturedMaterial (CONF:2228-27990).	Substance-Recommended-consumable-manufacturedProduct-errors	count(cda:manufacturedMaterial)=1
a-2228-27991-error	This manufacturedMaterial SHALL contain exactly one [1..1] code (CONF:2228-27991).	Substance-Recommended-consumable-manufacturedProduct-manufacturedMaterial-errors	count(cda:code)=1
a-2228-27992-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27992).	Substance-Recommended-consumable-manufacturedProduct-manufacturedMaterial-code-errors	@sdtc:valueSet
a-1198-32770-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-32770).	Medication_Free_Text_Sig-errors	@classCode='SBADM'
a-1198-32771-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet MoodCodeEvnInt urn:oid:2.16.840.1.113883.11.20.9.18 STATIC 2011-04-03 (CONF:1198-32771).	Medication_Free_Text_Sig-errors	@moodCode and @moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.18']/voc:code/@value
a-1198-32753-error	SHALL contain exactly one [1..1] templateId (CONF:1198-32753) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.147" (CONF:1198-32772).	Medication_Free_Text_Sig-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.147'][not(@extension)]) = 1
a-1198-32775-error	SHALL contain exactly one [1..1] code (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1198-32775).	Medication_Free_Text_Sig-errors	count(cda:code) = 1
a-1198-32754-error	SHALL contain exactly one [1..1] text (CONF:1198-32754).	Medication_Free_Text_Sig-errors	count(cda:text) = 1
a-1198-32776-error	SHALL contain exactly one [1..1] consumable (CONF:1198-32776).	Medication_Free_Text_Sig-errors	count(cda:consumable) = 1

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a-1198-32780-error	This code SHALL contain exactly one [1..1] @code="76662-6" Instructions Medication (CONF:1198-32780).	Medication_Free_Text_Sig-code-errors	@code='76662-6'
a-1198-32781-error	This code SHALL 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:1198-32781).	Medication_Free_Text_Sig-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-1198-32755-error	This text SHALL contain exactly one [1..1] reference (CONF:1198-32755).	Medication_Free_Text_Sig-text-errors	count(cda:reference) = 1
a-1198-32774-error	This reference/@value SHALL begin with a '#' and SHALL point to its corresponding narrative (using the approach defined in CDA Release 2, section 4.3.5.1) (CONF:1198-32774).	Medication_Free_Text_Sig-reference-errors	starts-with(@value, '#')
a-1198-32777-error	This consumable SHALL contain exactly one [1..1] manufacturedProduct (CONF:1198-32777).	Medication_Free_Text_Sig-consumable-errors	count(cda:manufacturedProduct) = 1
a-1198-32778-error	This manufacturedProduct SHALL contain exactly one [1..1] (CONF:1198-32778).	Medication_Free_Text_Sig-manufacturedProduct-errors	count(cda:manufacturedLabeledDrug) = 1
a-1198-32779-error	This manufacturedLabeledDrug SHALL contain exactly one [1..1] @nullFlavor="NA" Not Applicable (CONF:1198-32779).	Medication_Free_Text_Sig-manufacturedLabeledDrug-errors	@nullFlavor='NA'
a-67-14213-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:67-14213).	Patient_Characteristic_Payer-errors	@classCode='OBS'
a-67-14214-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:67-14214).	Patient_Characteristic_Payer-errors	@moodCode='EVN'
a-67-12561-error	SHALL contain exactly one [1..1] templateId (CONF:67-12561) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.55" (CONF:67-12562).	Patient_Characteristic_Payer-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.55'][not(@extension)]) = 1
a-67-12564-error	SHALL contain at least one [1..*] id (CONF:67-12564).	Patient_Characteristic_Payer-errors	count(cda:id) > 0
a-67-12565-error	SHALL contain exactly one [1..1] code (CONF:67-12565).	Patient_Characteristic_Payer-errors	count(cda:code) = 1
a-67-26933-error	SHALL contain exactly one [1..1] effectiveTime (CONF:67-26933).	Patient_Characteristic_Payer-errors	count(cda:effectiveTime) = 1
a-67-16710-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Payer urn:oid:2.16.840.1.114222.4.11.3591 DYNAMIC (CONF:67-16710).	Patient_Characteristic_Payer-errors	count(cda:value[@xsi:type='CD']) = 1
a-67-14029-error	This code SHALL contain exactly one [1..1] @code="48768-6" Payment source (CONF:67-14029).	Patient_Characteristic_Payer-code-errors	@code='48768-6'
a-67-27009-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:67-27009).	Patient_Characteristic_Payer-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-67-26934-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:67-26934).	Patient_Characteristic_Payer-effectiveTime-errors	count(cda:low)=1
a-2228-12479-error	SHALL contain exactly one [1..1] @classCode="OBS" observation, which SHALL be selected from CodeSystem HL7ActClass (urn:oid:2.16.840.1.113883.5.6) (CONF:2228-12479).	Provider-Care-Experience-errors	@classCode='OBS'
a-2228-12480-error	SHALL contain exactly one [1..1] @moodCode="EVN" event, which SHALL be selected from CodeSystem ActMood (urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12480).	Provider-Care-Experience-errors	@moodCode='EVN'
a-2228-28100-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28100).	Provider-Care-Experience-errors	not(@negationInd)
a-2228-12481-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12481) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.67" (CONF:2228-12482). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27293).	Provider-Care-Experience-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.67'][@extension='2016-02-01'])=1
a-2228-12484-error	SHALL contain at least one [1..*] id (CONF:2228-12484).	Provider-Care-Experience-errors	count(cda:id) >= 1
a-2228-12485-error	SHALL contain exactly one [1..1] code (CONF:2228-12485).	Provider-Care-Experience-errors	count(cda:code)=1
a-2228-12486-error	SHALL contain exactly one [1..1] statusCode="completed", which SHALL be selected from CodeSystem ActStatus (urn:oid:2.16.840.1.113883.5.14) (CONF:2228-12486).	Provider-Care-Experience-errors	count(cda:statusCode[@code='completed'])=1
a-2228-12487-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-12487).	Provider-Care-Experience-errors	count(cda:effectiveTime)=1
a-2228-12572-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-12572).	Provider-Care-Experience-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-27562-error	This code SHALL contain exactly one [1..1] @code="77219-4" Provider satisfaction with healthcare delivery (CONF:2228-27562).	Provider-Care-Experience-code-errors	@code='77219-4'
a-2228-27563-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-27563).	Provider-Care-Experience-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-28435-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-28435).	Provider-Care-Experience-effectiveTime-errors	count(cda:low)=1
a-2228-27655-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27655).	Provider-Care-Experience-value-errors	@sdtc:valueSet
a-2228-11840-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11840).	Communication-From-Provider-To-Patient-V3-errors	@classCode='ACT'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-11841-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11841).	Communication-From-Provider-To-Patient-V3-errors	@moodCode='EVN'
a-2228-11842-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11842) such it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.3" (CONF:2228-11843). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27280).	Communication-From-Provider-To-Patient-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.3'][@extension='2016-02-01'])=1
a-2228-11845-error	SHALL contain at least one [1..*] id (CONF:2228-11845).	Communication-From-Provider-To-Patient-V3-errors	count(cda:id)>=1
a-2228-11846-error	SHALL contain exactly one [1..1] statusCode="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-11846).	Communication-From-Provider-To-Patient-V3-errors	count(cda:statusCode[@code='completed'])=1
a-2228-26947-error	SHALL contain exactly one [1..1] code (CONF:2228-26947).	Communication-From-Provider-To-Patient-V3-errors	count(cda:code)=1
a-2228-11847-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11847).	Communication-From-Provider-To-Patient-V3-errors	count(cda:effectiveTime)=1
a-2228-11850-error	SHALL contain exactly one [1..1] participant (CONF:2228-11850) such that it SHALL contain exactly one [1..1] @typeCode="AUT" author (originator) (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-11851) SHALL contain exactly one [1..1] participantRole (CONF:2228-11852). This participantRole SHALL contain exactly one [1..1] @classCode="ASSIGNED" assigned entity (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12101). This participantRole SHALL contain exactly one [1..1] code (CONF:2228-11853). This code SHALL contain exactly one [1..1] @code="158965000" Medical practitioner (CONF:2228-26948). This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CONF:2228-26949).	Communication-From-Provider-To-Patient-V3-errors	count(cda:participant[@typeCode='AUT'][count(cda:participantRole[@classCode='ASSIGNED'][count(cda:code[@code='158965000'][@codeSystem='2.16.840.1.113883.6.96'])=1])=1])=1
a-2228-11856-error	SHALL contain exactly one [1..1] participant (CONF:2228-11856) such that it SHALL contain exactly one [1..1] @typeCode="IRCP" information recipient (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-11857) SHALL contain exactly one [1..1] participantRole (CONF:2228-11858). This participantRole SHALL contain exactly one [1..1] @classCode="PAT" patient (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12102).	Communication-From-Provider-To-Patient-V3-errors	count(cda:participant[@typeCode='IRCP'][count(cda:participantRole[@classCode='PAT'])=1])=1
a-2228-27579-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27579).	Communication-From-Provider-To-Patient-V3-code-errors	@sdtc:valueSet
a-2228-27545-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27545).	Communication-From-Provider-To-Patient-V3-effectiveTime-errors	count(cda:low)=1
a-1098-32091-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CONF:1098-32091).	Planned_Immunization_Activity-errors	@classCode='SBADM'
a-1098-32097-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet Planned moodCode (SubstanceAdministration/Supply) urn:oid:2.16.840.1.113883.11.20.9.24 STATIC 2014-09-01 (CONF:1098-32097).	Planned_Immunization_Activity-errors	@moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.24']/voc:code/@value
a-1098-32098-error	SHALL contain exactly one [1..1] templateId (CONF:1098-32098) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.120" (CONF:1098-32099).	Planned_Immunization_Activity-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.120'][not(@extension)]) = 1
a-1098-32100-error	SHALL contain at least one [1..*] id (CONF:1098-32100).	Planned_Immunization_Activity-errors	count(cda:id) > 0
a-1098-32101-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-32101).	Planned_Immunization_Activity-errors	count(cda:statusCode) = 1
a-1098-32103-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-32103).	Planned_Immunization_Activity-errors	count(cda:effectiveTime) = 1
a-1098-32131-error	SHALL contain exactly one [1..1] consumable (CONF:1098-32131).	Planned_Immunization_Activity-errors	count(cda:consumable) = 1
a-1098-32132-error	This consumable SHALL contain exactly one [1..1] Immunization Medication Information (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.54:2014-06-09) (CONF:1098-32132).	Planned_Immunization_Activity-consumable-errors	count(cda:manufacturedProduct[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.54'][@extension='2014-06-09']]) = 1
a-1098-32102-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-32102).	Planned_Immunization_Activity-statusCode-errors	@code='active'
a-1098-30823-error	SHALL contain exactly one [1..1] @classCode="ACT" act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1098-30823).	Drug-Monitoring-Act-errors	@classCode='ACT'
a-1098-28656-error	SHALL contain exactly one [1..1] @moodCode="INT" (CONF:1098-28656).	Drug-Monitoring-Act-errors	@moodCode='INT'
a-1098-28657-error	SHALL contain exactly one [1..1] templateId (CONF:1098-28657) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.123" (CONF:1098-28658).	Drug-Monitoring-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.123'][not(@extension)])=1
a-1098-31920-error	SHALL contain at least one [1..*] id (CONF:1098-31920).	Drug-Monitoring-Act-errors	count(cda:id)>=1
a-1098-28660-error	SHALL contain exactly one [1..1] code (CONF:1098-28660).	Drug-Monitoring-Act-errors	count(cda:code)=1
a-1098-31921-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-31921).	Drug-Monitoring-Act-errors	count(cda:statusCode)=1
a-1098-31922-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-31922).	Drug-Monitoring-Act-errors	count(cda:effectiveTime)=1

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a-1098-28661-error	SHALL contain at least one [1..*] participant (CONF:1098-28661) such that it SHALL contain exactly one [1..1] @typeCode="RESP" (CONF:1098-28663). SHALL contain exactly one [1..1] participantRole (CONF:1098-28662). This participantRole SHALL contain exactly one [1..1] @classCode="ASSIGNED" (CONF:1098-28664). This participantRole SHALL contain at least one [1..*] id (CONF:1098-28665). This participantRole SHALL contain exactly one [1..1] playingEntity (CONF:1098-28667). This playingEntity SHALL contain exactly one [1..1] @classCode="PSN" (CONF:1098-28668). This playingEntity SHALL contain exactly one [1..1] US Realm Patient Name (PTN.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1) (CONF:1098-28669).	Drug-Monitoring-Act-errors	count(cda:participant[@typeCode='RESP'][count(cda:participantRole[@classCode='ASSIGNED'][count(cda:id)>=1][count(cda:playingEntity[@classCode='PSN'][count(cda:name)=1])=1])=1])=1
a-1098-30818-error	This code SHALL contain exactly one [1..1] @code="395170001" medication monitoring (regime/therapy) (CONF:1098-30818).	Drug-Monitoring-Act-code-errors	@code='395170001'
a-1098-30819-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:1098-30819).	Drug-Monitoring-Act-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-1098-32358-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ActStatus urn:oid:2.16.840.1.11.159331 DYNAMIC (CONF:1098-32358).	Drug-Monitoring-Act-statusCode-errors	@code
a-3265-12972-error	SHALL contain exactly one [1..1] templateId (CONF:3265-12972) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.1.2" (CONF:3265-26943). SHALL contain exactly one [1..1] @extension="2016-08-01" (CONF:3265-28696).	QDM_based_QRDA-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.1.2'][@extension='2016-08-01'])=1
a-3265-16598-error	SHALL contain exactly one [1..1] recordTarget (CONF:3265-16598).	QDM_based_QRDA-errors	count(cda:recordTarget)=1
a-3265-16600-error	SHALL contain exactly one [1..1] custodian (CONF:3265-16600).	QDM_based_QRDA-errors	count(cda:custodian)=1
a-3265-12973-error	SHALL contain exactly one [1..1] component (CONF:3265-12973) such that it SHALL contain exactly one [1..1] structuredBody (CONF:3265-17081).	QDM_based_QRDA-errors	count(cda:component[count(cda:structuredBody)=1])=1
a-3265-16856-error	This recordTarget SHALL contain exactly one [1..1] patientRole (CONF:3265-16856).	QDM_based_QRDA-recordTarget-errors	count(cda:patientRole)=1
a-3265-27570-error	This patientRole SHALL contain exactly one [1..1] patient (CONF:3265-27570).	QDM_based_QRDA-recordTarget-patientRole-errors	count(cda:patient)=1
a-3265-27571-error	This patient SHALL contain exactly one [1..1] birthTime (CONF:3265-27571).	QDM_based_QRDA-recordTarget-patientRole-patient-errors	count(cda:birthTime)=1
a-3265-27572-error	This patient SHALL contain exactly one [1..1] administrativeGenderCode (CONF:3265-27572).	QDM_based_QRDA-recordTarget-patientRole-patient-errors	count(cda:administrativeGenderCode)=1
a-3265-27573-error	This patient SHALL contain exactly one [1..1] raceCode (CONF:3265-27573).	QDM_based_QRDA-recordTarget-patientRole-patient-errors	count(cda:raceCode)=1
a-3265-27574-error	This patient SHALL contain exactly one [1..1] ethnicGroupCode (CONF:3265-27574).	QDM_based_QRDA-recordTarget-patientRole-patient-errors	count(cda:ethnicGroupCode)=1
a-3265-28239-error	This custodian SHALL contain exactly one [1..1] assignedCustodian (CONF:3265-28239).	QDM_based_QRDA-custodian-errors	count(cda:assignedCustodian)=1
a-3265-28240-error	This assignedCustodian SHALL contain exactly one [1..1] representedCustodianOrganization (CONF:3265-28240).	QDM_based_QRDA-custodian-assignedCustodian-errors	count(cda:representedCustodianOrganization)=1
a-3265-16704-error	The informationRecipient, if present, SHALL contain exactly one [1..1] intendedRecipient (CONF:3265-16704).	QDM_based_QRDA-informationRecipient-errors	count(cda:intendedRecipient)=1
a-3265-16705-error	This intendedRecipient SHALL contain at least one [1..*] id (CONF:3265-16705).	QDM_based_QRDA-informationRecipient-intendedRecipient-errors	count(cda:id) > 0
a-3265-17082-error	This structuredBody SHALL contain exactly one [1..1] component (CONF:3265-17082). This component SHALL contain exactly one [1..1] Measure Section QDM (identifier: urn:oid:2.16.840.1.113883.10.20.24.2.3) (CONF:3265-17083).	QDM_based_QRDA-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.24.2.3']])=1])=1
a-3265-17090-error	This structuredBody SHALL contain exactly one [1..1] component (CONF:3265-17090). This component SHALL contain exactly one [1..1] Reporting Parameters Section (identifier: urn:oid:2.16.840.1.113883.10.20.17.2.1) (CONF:3265-17092).	QDM_based_QRDA-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.17.2.1']])=1])=1
a-3265-17091-error	This structuredBody SHALL contain exactly one [1..1] component (CONF:3265-17091). This component SHALL contain exactly one [1..1] Patient Data Section QDM (V4) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.2.1:2016-08-01) (CONF:3265-17093).	QDM_based_QRDA-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.24.2.1'][@extension='2016-08-01']])=1])=1
a-1098-7652-error	SHALL contain exactly one [1..1] @classCode="PROC" Procedure (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7652).	Procedure-Activity-Procedure-errors	@classCode='PROC'
a-1098-7653-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7653).	Procedure-Activity-Procedure-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-7654-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7654) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.14" (CONF:1098-10521). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32506).	Procedure-Activity-Procedure-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.14'][@extension='2014-06-09'])=1
a-1098-7655-error	SHALL contain at least one [1..*] id (CONF:1098-7655).	Procedure-Activity-Procedure-errors	count(cda:id) >=1
a-1098-7656-error	SHALL contain exactly one [1..1] code (CONF:1098-7656).	Procedure-Activity-Procedure-errors	count(cda:code)=1
a-1098-7661-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7661).	Procedure-Activity-Procedure-errors	count(cda:statusCode)=1
a-1098-19206-error	This reference/@value SHALL begin with a '#' and SHALL point to its corresponding narrative (using the approach defined in CDA Release 2, section 4.3.5.1) (CONF:1098-19206).	Procedure-Activity-Procedure-code-errors	starts-with(@value, '#')
a-1098-32366-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ProcedureAct statusCode urn:oid:2.16.840.1.113883.11.20.9.22 STATIC 2014-04-23 (CONF:1098-32366).	Procedure-Activity-Procedure-statusCode-errors	@code
a-1098-16082-error	The targetSiteCode, if present, SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Body Site urn:oid:2.16.840.1.113883.3.88.12.3221.8.9 DYNAMIC (CONF:1098-16082).	Procedure-Activity-Procedure-targetSiteCode-errors	@code
a-1098-7704-error	The specimen, if present, SHALL contain exactly one [1..1] specimenRole (CONF:1098-7704).	Procedure-Activity-Procedure-performer-specimen-errors	count(cda:specimenRole)=1
a-1098-7722-error	This assignedEntity SHALL contain at least one [1..*] id (CONF:1098-7722).	Procedure-Activity-Procedure-performer-assignedEntity-errors	count(cda:id)>=1
a-1098-7732-error	This assignedEntity SHALL contain at least one [1..*] telecom (CONF:1098-7732).	Procedure-Activity-Procedure-performer-assignedEntity-errors	count(cda:telecom)>=1
a-1098-7731-error	This assignedEntity SHALL contain at least one [1..*] addr (CONF:1098-7731).	Procedure-Activity-Procedure-performer-assignedEntity-errors	count(cda:addr)>=1
a-1098-7737-error	The representedOrganization, if present, SHALL contain exactly one [1..1] telecom (CONF:1098-7737).	Procedure-Activity-Procedure-performer-assignedEntity-representedOrganization-errors	count(cda:telecom)=1
a-1098-7736-error	The representedOrganization, if present, SHALL contain exactly one [1..1] addr (CONF:1098-7736).	Procedure-Activity-Procedure-performer-assignedEntity-representedOrganization-errors	count(cda:addr)=1
a-2228-28412-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28412).	Transfer-From-Act-errors	@classCode='ACT'
a-2228-28413-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28413).	Transfer-From-Act-errors	@moodCode='EVN'
a-2228-28410-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28410).	Transfer-From-Act-errors	count(cda:templateId)=1
a-2228-28415-error	SHALL contain at least one [1..*] id (CONF:2228-28415).	Transfer-From-Act-errors	count(cda:id)>=1
a-2228-28411-error	SHALL contain exactly one [1..1] code (CONF:2228-28411).	Transfer-From-Act-errors	count(cda:code)=1
a-2228-28417-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28417) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" Has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28418). SHALL contain exactly one [1..1] Transfer From (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.81:2016-02-01) (CONF:2228-28419).	Transfer-From-Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:encounter[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.81'][@extension='2016-02-01']])=1])=1
a-2228-28414-error	This templateId SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.141" (CONF:2228-28414).	Transfer-From-Act-templateId-errors	@root='2.16.840.1.113883.10.20.24.3.141'
a-2228-28416-error	This code SHALL contain exactly one [1..1] @code="ENC" encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28416).	Transfer-From-Act-code-errors	@code='ENC'
a-2228-28656-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28656).	Medication_Active_V3-errors	@moodCode='EVN'
a-2228-28079-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28079).	Medication_Active_V3-errors	not(@negationInd)
a-2228-28651-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28651) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.41" (CONF:2228-28653). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-28654).	Medication_Active_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.41'][@extension='2016-02-01']) = 1
a-2228-28652-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-28652).	Medication_Active_V3-errors	count(cda:statusCode) = 1
a-2228-28655-error	This statusCode SHALL contain exactly one [1..1] @code="active" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-28655).	Medication_Active_V3-statusCode-errors	@code='active'
a-2228-27645-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27645).	Medication_Active_V3-may-translation-errors	@sdtc:valueSet
a-67-12803-error	SHALL contain exactly one [1..1] templateId (CONF:67-12803) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.2.3" (CONF:67-12804).	Measure-section-qdm-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.2.3'][not(@extension)])=1
a-67-12978-error	SHALL contain at least one [1..*] entry (CONF:67-12978).	Measure-section-qdm-errors	count(cda:entry) > 0

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-67-13193-error	Such entries SHALL contain exactly one [1..1] eMeasure Reference QDM (identifier: urn:oid:2.16.840.1.113883.10.20.24.3.97) (CONF:67-13193).	Measure-section-qdm-entry-errors	count(cda:organizer[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.97']])=1
a-1198-8586-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-8586).	Family_History_Observation_V3-errors	@classCode='OBS'
a-1198-8587-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-8587).	Family_History_Observation_V3-errors	@moodCode='EVN'
a-1198-8599-error	SHALL contain exactly one [1..1] templateId (CONF:1198-8599) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.46" (CONF:1198-10496). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32605).	Family_History_Observation_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.46'][@extension='2015-08-01'])=1
a-1198-8592-error	SHALL contain at least one [1..*] id (CONF:1198-8592).	Family_History_Observation_V3-errors	count(cda:id) > 0
a-1198-32427-error	SHALL contain exactly one [1..1] code, which SHOULD be selected from ValueSet Problem Type urn:oid:2.16.840.1.113883.3.88.12.3221.7.2 STATIC 2012-06-01 (CONF:1198-32427).	Family_History_Observation_V3-errors	count(cda:code)=1
a-1198-8590-error	SHALL contain exactly one [1..1] statusCode (CONF:1198-8590).	Family_History_Observation_V3-errors	count(cda:statusCode)=1
a-1198-8591-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Problem urn:oid:2.16.840.1.113883.3.88.12.3221.7.4 DYNAMIC (CONF:1198-8591).	Family_History_Observation_V3-errors	count(cda:value[@xsi:type='CD'])=1
a-1198-32847-error	This code SHALL contain 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:1198-32847).	Family_History_Observation_V3-code-errors	count(cda:translation) > 0
a-1198-19098-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1198-19098).	Family_History_Observation_V3-statusCode-errors	@code='completed'
a-23-3269-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:23-3269).	Reporting-Parameters-Act-errors	@classCode='ACT'
a-23-3270-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:23-3270).	Reporting-Parameters-Act-errors	@moodCode='EVN'
a-23-18098-error	SHALL contain exactly one [1..1] templateId (CONF:23-18098) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.17.3.8" (CONF:23-18099).	Reporting-Parameters-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.17.3.8'][not(@extension)])=1
a-23-26549-error	SHALL contain at least one [1..*] id (CONF:23-26549).	Reporting-Parameters-Act-errors	count(cda:id) >= 1
a-23-3272-error	SHALL contain exactly one [1..1] code (CONF:23-3272).	Reporting-Parameters-Act-errors	count(cda:code)=1
a-23-3273-error	SHALL contain exactly one [1..1] effectiveTime (CONF:23-3273).	Reporting-Parameters-Act-errors	count(cda:effectiveTime)=1
a-23-26550-error	This code SHALL contain exactly one [1..1] @code="252116004" Observation Parameters (CONF:23-26550).	Reporting-Parameters-Act-code-errors	@code='252116004'
a-23-26551-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:23-26551).	Reporting-Parameters-Act-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-23-3274-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:23-3274).	Reporting-Parameters-Act-effectiveTime-errors	count(cda:low)=1
a-23-3275-error	This effectiveTime SHALL contain exactly one [1..1] high (CONF:23-3275).	Reporting-Parameters-Act-effectiveTime-errors	count(cda:high)=1
a-CMS_0109-error	Data types of INT SHALL NOT have both @value and @nullFlavor. (CONF: CMS_0109)	r-validate_INT-errors	(@value or @nullFlavor) and not (@value and @nullFlavor)
a-2228-11705-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11705).	Laboratory_Test_Performed_V3-errors	@classCode='OBS'
a-2228-11706-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11706).	Laboratory_Test_Performed_V3-errors	@moodCode='EVN'
a-2228-11721-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11721) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.38" (CONF:2228-11722). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27021).	Laboratory_Test_Performed_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.38'][@extension='2016-02-01']) = 1
a-2228-11707-error	SHALL contain at least one [1..*] id (CONF:2228-11707).	Laboratory_Test_Performed_V3-errors	count(cda:id) > 0
a-2228-27637-error	SHALL contain exactly one [1..1] code (CONF:2228-27637).	Laboratory_Test_Performed_V3-errors	count(cda:code) = 1
a-2228-11709-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-11709).	Laboratory_Test_Performed_V3-errors	count(cda:statusCode)=1
a-2228-11711-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11711).	Laboratory_Test_Performed_V3-errors	count(cda:effectiveTime) = 1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-27638-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27638).	Laboratory_Test_Performed_V3-code-errors	@sdtc:valueSet
a-2228-11710-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-11710).	Laboratory_Test_Performed_V3-statusCode-errors	@code='completed'
a-2228-11712-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-11712).	Laboratory_Test_Performed_V3-effectiveTime-errors	count(cda:low)=1
a-2228-11713-error	This effectiveTime SHALL contain exactly one [1..1] high (CONF:2228-11713).	Laboratory_Test_Performed_V3-effectiveTime-errors	count(cda:high)=1
a-3265-28670-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:3265-28670).	Assessment_performed-errors	@classCode='OBS'
a-3265-28669-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:3265-28669).	Assessment_performed-errors	@moodCode='EVN'
a-3265-28652-error	SHALL contain exactly one [1..1] templateId (CONF:3265-28652) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.144" (CONF:3265-28660) SHALL contain exactly one [1..1] @extension="2016-08-01" (CONF:3265-28701).	Assessment_performed-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.144'][@extension='2016-08-01'])=1
a-3265-28656-error	SHALL contain exactly one [1..1] code (CONF:3265-28656).	Assessment_performed-errors	count(cda:code)=1
a-3265-28653-error	SHALL contain exactly one [1..1] statusCode (CONF:3265-28653).	Assessment_performed-errors	count(cda:statusCode)=1
a-3265-28654-error	SHALL contain exactly one [1..1] effectiveTime (CONF:3265-28654).	Assessment_performed-errors	count(cda:effectiveTime)=1
a-3265-28667-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:3265-28667).	Assessment_performed-code-errors	@sdtc:valueSet
a-3265-28662-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:3265-28662).	Assessment_performed-statusCode-errors	@code='completed'
a-3265-28663-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:3265-28663).	Assessment_performed-effectiveTime-errors	count(cda:low)=1
a-3265-28698-error	The methodCode, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:3265-28698).	Assessment_performed-methodCode-errors	@sdtc:valueSet
a-67-13374-error	SHALL contain exactly one [1..1] @typeCode="LOC" location (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:67-13374).	Facility-Location-errors	@typeCode='LOC'
a-67-13375-error	SHALL contain exactly one [1..1] templateId (CONF:67-13375) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.100" (CONF:67-13376).	Facility-Location-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.100'][not(@extension)])=1
a-67-13371-error	SHALL contain exactly one [1..1] time (CONF:67-13371).	Facility-Location-errors	count(cda:time)=1
a-67-13372-error	SHALL contain exactly one [1..1] participantRole (CONF:67-13372).	Facility-Location-errors	count(cda:participantRole)=1
a-67-13373-error	This participantRole SHALL contain exactly one [1..1] @classCode="SDLOC" service delivery location (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110 STATIC) (CONF:67-13373).	Facility-Location-participantRole-errors	@classCode='SDLOC'
a-67-13378-error	This participantRole SHALL contain exactly one [1..1] code (CONF:67-13378).	Facility-Location-participantRole-errors	count(cda:code)=1
a-67-13382-error	The playingEntity, if present, SHALL contain exactly one [1..1] @classCode="PLC" place (CodeSystem: EntityClass urn:oid:2.16.840.1.113883.5.41 STATIC) (CONF:67-13382).	Facility-Location-participantRole-playingEntity-errors	@classCode='PLC'
a-67-13384-error	This time SHALL contain exactly one [1..1] low (CONF:67-13384).	Facility-Location-time-errors	count(cda:low)=1
a-67-13385-error	This time SHALL contain exactly one [1..1] high (CONF:67-13385).	Facility-Location-time-errors	count(cda:high)=1
a-CMS_0108-error	Data types of II SHALL have either @root or @nullFlavor or (@root and @nullFlavor) or (@root and @extension) but SHALL NOT have all three of (@root and @extension and @nullFlavor) (CONF: CMS_0108)	r-validate_II-errors	(@root or @nullFlavor or (@root and @nullFlavor) or (@root and @extension)) and not (@root and @extension and @nullFlavor)
a-2228-27417-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27417).	Laboratory_Test_Order_V3-errors	@classCode='OBS'
a-2228-11953-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11953).	Laboratory_Test_Order_V3-errors	@moodCode='RQO'
a-2228-11954-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11954) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.37" (CONF:2228-11955). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27075).	Laboratory_Test_Order_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.37'][@extension='2016-02-01']) = 1
a-2228-11957-error	SHALL contain exactly one [1..1] code (CONF:2228-11957).	Laboratory_Test_Order_V3-errors	count(cda:code) = 1
a-2228-27344-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27344).	Laboratory_Test_Order_V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27636-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27636).	Laboratory_Test_Order_V3-code-errors	@sdtc:valueSet
a-2228-13657-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-13657).	Intervention_Intolerance-errors	@classCode='OBS'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-13658-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13658).	Intervention_Intolerance-errors	@moodCode='EVN'
a-2228-13659-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13659) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.30" (CONF:2228-13660). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27017).	Intervention_Intolerance-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.30'][@extension='2016-02-01']) = 1
a-2228-13661-error	SHALL contain exactly one [1..1] id (CONF:2228-13661).	Intervention_Intolerance-errors	count(cda:id) = 1
a-2228-16414-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16414).	Intervention_Intolerance-errors	cda:value[@xsi:type='CD']
a-2228-13679-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-13679) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-13680). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-13681). SHALL contain exactly one [1..1] Intervention Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.32:2016-02-01) (CONF:2228-13683).	Intervention_Intolerance-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:act[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.32'][@extension='2016-02-01']])=1])=1
a-2228-16415-error	This value SHALL contain exactly one [1..1] @code="102460003" Decreased tolerance (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-16415).	Intervention_Intolerance-value-errors	@code='102460003'
a-1098-7391-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7391).	Instruction-errors	@classCode='ACT'
a-1098-7392-error	SHALL contain exactly one [1..1] @moodCode="INT" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7392).	Instruction-errors	@moodCode='INT'
a-1098-7393-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7393) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.20" (CONF:1098-10503). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32598).	Instruction-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.20'][@extension='2014-06-09'])=1
a-1098-16884-error	SHALL contain exactly one [1..1] code, which SHOULD be selected from ValueSet Patient Education urn:oid:2.16.840.1.113883.11.20.9.34 DYNAMIC (CONF:1098-16884).	Instruction-errors	count(cda:code)=1
a-1098-7396-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7396).	Instruction-errors	count(cda:statusCode)=1
a-1098-19106-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1098-19106).	Instruction-statusCode-errors	@code='completed'
a-CMS_0115-error	The NPI should have 10 digits. (CONF: CMS_0115)	r-validate_NPI_format-errors	not(@extension) or $n = 10
a-CMS_0116-error	The NPI should be composed of all digits. (CONF: CMS_0116)	r-validate_NPI_format-errors	not(@extension) or number($s)=$s
a-CMS_0117-error	The NPI should have a correct checksum, using the Luhn algorithm. (CONF: CMS_0117)	r-validate_NPI_format-errors	not(@extension) or number(substring($s, $n, 1)) = (10 - ($sum mod 10)) mod 10
a-CMS_0118-error	The NPI should have @extension or @nullFlavor, but not both. (CONF: CMS_0118)	r-validate_NPI_format-errors	count(@extension|@nullFlavor)=1
a-2228-27408-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27408).	Diagnostic-Study-Order-errors	@classCode='OBS'
a-2228-13411-error	SHALL contain exactly one [1..1] @moodCode="RQO" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13411).	Diagnostic-Study-Order-errors	@moodCode='RQO'
a-2228-13412-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13412) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.17" (CONF:2228-13413). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27069).	Diagnostic-Study-Order-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.17'][@extension='2016-02-01'])=1
a-2228-27615-error	SHALL contain exactly one [1..1] code (CONF:2228-27615).	Diagnostic-Study-Order-errors	count(cda:code)=1
a-2228-27340-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27340).	Diagnostic-Study-Order-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27616-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27616).	Diagnostic-Study-Order-code-errors	@sdtc:valueSet
a-CMS_0044-error	SHALL contain exactly one [1..1] templateId (CONF:CMS_0044) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.17.3.8.1" (CONF:CMS_0045) SHALL contain exactly one [1..1] @extension="2016-03-01" (CONF:CMS_0046)	Reporting-Parameters-Act-CMS-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.17.3.8.1'][@extension='2016-03-01'])=1
a-CMS_0048-error	This low SHALL contain exactly one [1..1] @value (CONF:CMS_0048).	Reporting-Parameters-Act-CMS-effectiveTime-low-errors	@value
a-CMS_0027-error	SHALL be precise to day (CONF:CMS_0027).	Reporting-Parameters-Act-CMS-effectiveTime-low-errors	string-length(@value)>=8
a-CMS_0050-error	This high SHALL contain exactly one [1..1] @value (CONF:CMS_0050).	Reporting-Parameters-Act-CMS-effectiveTime-high-errors	@value
a-CMS_0028-error	SHALL be precise to day (CONF:CMS_0028).	Reporting-Parameters-Act-CMS-effectiveTime-high-errors	string-length(@value)>=8

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-8282-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8282).	Procedure-Activity-Observation-errors	@classCode='OBS'
a-1098-8237-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-8237).	Procedure-Activity-Observation-errors	@moodCode='EVN'
a-1098-8238-error	SHALL contain exactly one [1..1] templateId (CONF:1098-8238) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.13" (CONF:1098-10520). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32507).	Procedure-Activity-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.13'][@extension='2014-06-09'])=1
a-1098-8239-error	SHALL contain at least one [1..*] id (CONF:1098-8239).	Procedure-Activity-Observation-errors	count(cda:id) >= 1
a-1098-19197-error	SHALL contain exactly one [1..1] code (CONF:1098-19197).	Procedure-Activity-Observation-errors	count(cda:code)=1
a-1098-8245-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-8245).	Procedure-Activity-Observation-errors	count(cda:statusCode)=1
a-1098-16846-error	SHALL contain exactly one [1..1] value (CONF:1098-16846).	Procedure-Activity-Observation-errors	count(cda:value)=1
a-1098-19201-error	This reference/@value SHALL begin with a '#' and SHALL point to its corresponding narrative (using the approach defined in CDA Release 2, section 4.3.5.1) (CONF:1098-19201).	Procedure-Activity-Observation-code-errors	starts-with(@value, '#')
a-1098-32365-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ProcedureAct statusCode urn:oid:2.16.840.1.113883.11.20.9.22 STATIC 2014-04-23 (CONF:1098-32365).	Procedure-Activity-Observation-statusCode-errors	@code
a-1098-8252-error	The performer, if present, SHALL contain exactly one [1..1] assignedEntity (CONF:1098-8252).	Procedure-Activity-Observation-performer-errors	count(cda:assignedEntity)=1
a-1098-8253-error	This assignedEntity SHALL contain at least one [1..*] id (CONF:1098-8253).	Procedure-Activity-Observation-performer-assignedEntity-errors	count(cda:id)>=1
a-1098-8254-error	This assignedEntity SHALL contain at least one [1..*] addr (CONF:1098-8254).	Procedure-Activity-Observation-performer-assignedEntity-errors	count(cda:addr)>=1
a-1098-8255-error	This assignedEntity SHALL contain at least one [1..*] telecom (CONF:1098-8255).	Procedure-Activity-Observation-performer-assignedEntity-errors	count(cda:telecom)>=1
a-1098-8259-error	The representedOrganization, if present, SHALL contain exactly one [1..1] addr (CONF:1098-8259).	Procedure-Activity-Observation-performer-assignedEntity-representedOrganization-errors	count(cda:addr)>=1
a-1098-8260-error	The representedOrganization, if present, SHALL contain exactly one [1..1] telecom (CONF:1098-8260).	Procedure-Activity-Observation-performer-assignedEntity-representedOrganization-errors	count(cda:telecom)>=1
a-2228-27534-error	SHALL contain exactly one [1..1] @classCode="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27534).	Encounter-Order-errors	@classCode='ENC'
a-2228-11932-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11932).	Encounter-Order-errors	@moodCode='RQO'
a-2228-11933-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11933) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.22" (CONF:2228-11934). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27064).	Encounter-Order-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.22'][@extension='2016-02-01'])=1
a-2228-11936-error	SHALL contain exactly one [1..1] code (CONF:2228-11936).	Encounter-Order-errors	count(cda:code)=1
a-2228-27341-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27341).	Encounter-Order-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-28668-error	This template SHALL be contained by an Encounter Order Act (CONF:2228-28668).	Encounter-Order-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.132'])=1
a-2228-14896-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27623).	Encounter-Order-code-errors	@sdtc:valueSet
a-CMS_0107-error	Data types of CD or CE SHALL have either @code or @nullFlavor or both (@codeSystem and @nullFlavor) but SHALL NOT have both @code and @nullFlavor and SHALL NOT have @codeSystem and @nullFlavor (CONF: CMS_0107)	r-validate_CD_CE-errors	(parent::cda:regionOfInterest) or ((@code or @nullFlavor or (@codeSystem and @nullFlavor)) and not(@code and @nullFlavor) and not(@codeSystem and @nullFlavor))
a-CMS_0106-error	Data types of CS SHALL have either @code or @nullFlavor but SHALL NOT have both @code and @nullFlavor (CONF: CMS_0106)	r-validate_CS-errors	(@code or @nullFlavor) and not (@code and @nullFlavor)
a-3265-28148-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:3265-28148).	Diagnosis_concern_act_V2-errors	@classCode='ACT'
a-3265-28149-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:3265-28149).	Diagnosis_concern_act_V2-errors	@moodCode='EVN'
a-3265-28143-error	SHALL contain exactly one [1..1] templateId (CONF:3265-28143) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.137" (CONF:3265-28146). SHALL contain exactly one [1..1] @extension="2016-08-01" (CONF:3265-28692).	Diagnosis_concern_act_V2-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.137'][@extension='2016-08-01'])=1
a-3265-28144-error	SHALL contain exactly one [1..1] statusCode (CONF:3265-28144).	Diagnosis_concern_act_V2-errors	count(cda:statusCode)=1
a-3265-28210-error	SHALL contain exactly one [1..1] effectiveTime (CONF:3265-28210).	Diagnosis_concern_act_V2-errors	count(cda:effectiveTime)=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-3265-28142-error	SHALL contain exactly one [1..1] entryRelationship (CONF:3265-28142) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" Has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:3265-28151). SHALL contain exactly one [1..1] Diagnosis (identifier: urn:oid:2.16.840.1.113883.10.20.24.3.135) (CONF:3265-28145).	Diagnosis_concern_act_V2-errors	count(cda:entryRelationship[@typeCode='SUBJ'] [count(cda:observation[cda:templateId[@root='2 .16.840.1.113883.10.20.24.3.135']])=1])=1
a-3265-28150-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet QDM Diagnosis Status urn:oid:2.16.840.1.113762.1.4.1021.35 DYNAMIC (CONF:3265-28150).	Diagnosis_concern_act_V2-statusCode-errors	@code
a-3265-28211-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:3265-28211).	Diagnosis_concern_act_V2-effectiveTime-errors	count(cda:low)=1
a-2228-28588-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28588).	Immunization_administered-errors	@classCode='ACT'
a-2228-28589-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28589).	Immunization_administered-errors	@moodCode='EVN'
a-2228-28574-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28574) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.140" (CONF:2228-28581).	Immunization_administered-errors	count(cda:templateId[@root='2.16.840.1.113883 .10.20.24.3.140'][not(@extension)])=1
a-2228-28590-error	SHALL contain at least one [1..*] id (CONF:2228-28590).	Immunization_administered-errors	count(cda:id) > 0
a-2228-28575-error	SHALL contain exactly one [1..1] code (CONF:2228-28575).	Immunization_administered-errors	count(cda:code)=1
a-2228-28576-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-28576).	Immunization_administered-errors	count(cda:statusCode)=1
a-2228-28578-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-28578).	Immunization_administered-errors	count(cda:effectiveTime)=1
a-2228-28572-error	SHALL contain at least one [1..*] entryRelationship (CONF:2228-28572) such that it SHALL contain exactly one [1..1] @typeCode="COMP" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28580). SHALL contain exactly one [1..1] Immunization Activity (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.52:2014-06-09) (CONF:2228-28573). This substanceAdministration SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28579).	Immunization_administered-errors	count(cda:entryRelationship[@typeCode='COMP'][count(cda:substanceAdministration[cda:templa teId[@root='2.16.840.1.113883.10.20.22.4.52'][@extension='2014-06-09'])][@moodCode='EVN'])=1]) > 0
a-2228-28583-error	This code SHALL contain exactly one [1..1] @code="416118004" administration (CONF:2228-28583).	Immunization_administered-code-errors	@code='416118004'
a-2228-28584-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-28584).	Immunization_administered-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-2228-28585-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-28585).	Immunization_administered-statusCode-errors	@code='completed'
a-2228-28591-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-28591).	Immunization_administered-effectiveTime-errors	count(cda:low)=1
a-1098-8577-error	SHALL contain exactly one [1..1] @classCode="SPLY" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8577).	Planned-Supply-errors	@classCode='SPLY'
a-1098-8578-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet Planned moodCode (SubstanceAdministration/Supply) urn:oid:2.16.840.1.113883.11.20.9.24 STATIC 2011-09-30 (CONF:1098-8578).	Planned-Supply-errors	@moodCode and @moodCode=document('voc.xml')/voc:systems/ voc:system[@valueSetOid='2.16.840.1.113883.11 .20.9.24']/voc:code/@value
a-1098-30463-error	SHALL contain exactly one [1..1] templateId (CONF:1098-30463) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.43" (CONF:1098-30464). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32556).	Planned-Supply-errors	count(cda:templateId[@root='2.16.840.1.113883 .10.20.22.4.43'][@extension='2014-06-09'])=1
a-1098-8580-error	SHALL contain at least one [1..*] id (CONF:1098-8580).	Planned-Supply-errors	count(cda:id) >= 1
a-1098-30458-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-30458).	Planned-Supply-errors	count(cda:statusCode)=1
a-1098-32047-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-32047).	Planned-Supply-statusCode-errors	@code='active'
a-2228-27559-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27559).	Physical_Exam_Performed_V3-errors	@classCode='OBS'
a-2228-12643-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12643).	Physical_Exam_Performed_V3-errors	@moodCode='EVN'
a-2228-12644-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12644) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.59" (CONF:2228-12645). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27135).	Physical_Exam_Performed_V3-errors	count(cda:templateId[@root='2.16.840.1.113883 .10.20.24.3.59'][@extension='2016-02-01']) = 1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-27651-error	SHALL contain exactly one [1..1] code (CONF:2228-27651).	Physical_Exam_Performed_V3-errors	count(cda:code) = 1
a-2228-12649-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-12649).	Physical_Exam_Performed_V3-errors	count(cda:statusCode) = 1
a-2228-12651-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-12651).	Physical_Exam_Performed_V3-errors	count(cda:effectiveTime) = 1
a-2228-27652-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27652).	Physical_Exam_Performed_V3-code-errors	@sdtc:valueSet
a-2228-12652-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-12652).	Physical_Exam_Performed_V3-effectiveTime-errors	count(cda:low)=1
a-2228-12653-error	This effectiveTime SHALL contain exactly one [1..1] high (CONF:2228-12653).	Physical_Exam_Performed_V3-effectiveTime-errors	count(cda:high)=1
a-2228-12650-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-12650).	Physical_Exam_Performed_V3-statusCode-errors	@code='completed'
a-2228-28306-error	SHALL contain exactly one [1..1] @classCode="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28306).	Transfer-From-errors	@classCode='ENC'
a-2228-28307-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28307).	Transfer-From-errors	@moodCode='EVN'
a-2228-13189-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13189) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.81" (CONF:2228-13190). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-28308).	Transfer-From-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.81'][@extension='2016-02-01'])=1
a-2228-28309-error	SHALL contain at least one [1..*] id (CONF:2228-28309).	Transfer-From-errors	count(cda:id)>=1
a-2228-28302-error	SHALL contain exactly one [1..1] code (CONF:2228-28302).	Transfer-From-errors	count(cda:code)=1
a-2228-28303-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-28303).	Transfer-From-errors	count(cda:statusCode)=1
a-2228-28304-error	SHALL contain exactly one [1..1] participant (CONF:2228-28304) such that it SHALL contain exactly one [1..1] @typeCode="ORG" Origin (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-28313). SHALL contain exactly one [1..1] time (CONF:2228-28305).SHALL contain exactly one [1..1] participantRole (CONF:2228-28316).	Transfer-From-errors	count(cda:participant[@typeCode='ORG'][count(cda:time)=1] [count(cda:participantRole)=1])=1
a-2228-28663-error	This template SHALL be contained by a Transfer From Act (CONF:2228-28663).	Transfer-From-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.141'])=1
a-2228-28310-error	This code SHALL contain exactly one [1..1] @code="77305-1" Transferred from (CONF:2228-28310).	Transfer-From-code-errors	@code='77305-1'
a-2228-28311-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-28311).	Transfer-From-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-2228-28312-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-28312).	Transfer-From-statusCode-errors	@code='completed'
a-2228-28314-error	This time SHALL contain exactly one [1..1] low (CONF:2228-28314).	Transfer-From-participant-time-errors	count(cda:low)=1
a-2228-28320-error	This participantRole SHALL contain exactly one [1..1] @classCode="LOCE" Located entity (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-28320).	Transfer-From-participantRole-errors	@classCode='LOCE'
a-2228-28317-error	This participantRole SHALL contain exactly one [1..1] code (CONF:2228-28317).	Transfer-From-participantRole-errors	count(cda:code)=1
a-2228-28321-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-28321).	Transfer-From-participantRole-code-errors	@sdtc:valueSet
a-CMS_0036-error	SHALL contain exactly one [1..1] templateId (CONF:CMS_0036) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.2.1.1" (CONF:CMS_0037). SHALL contain exactly one [1..1] @extension="2016-03-01" (CONF:CMS_0038).	CMS_QRDA_Category_I_Patient_Data_Section_QDM_CMS-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.2.1.1'][@extension='2017-07-01']) = 1
a-CMS_0051-error	SHALL contain at least one [1..*] entry (CONF:CMS_0051) such that it SHALL contain exactly one [1..1] entry template that is other than the Patient Characteristic Payer (identifier: urn:oid:2.16.840.1.113883.10.20.24.3.55) (CONF:CMS_0039).	CMS_QRDA_Category_I_Patient_Data_Section_QDM_CMS-errors	count(cda:entry[*[cda:templateId[@root != '2.16.840.1.113883.10.20.24.3.55']]]) > 0
a-3265-14430_C01-error	SHALL contain at least one [1..*] entry (CONF:3265-14430_C01) such that it SHALL contain exactly one [1..1] Patient Characteristic Payer (identifier: urn:oid:2.16.840.1.113883.10.20.24.3.55) (CONF:3265-14431).	CMS_QRDA_Category_I_Patient_Data_Section_QDM_CMS-errors	count(cda:entry[count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.55']]=1]) > 0
a-2228-27528-error	SHALL contain exactly one [1..1] @classCode="SPLY" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27528).	Medication_Dispensed_V3-errors	@classCode='SPLY'
a-2228-27529-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-27529).	Medication_Dispensed_V3-errors	@moodCode='EVN'
a-2228-13851-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13851) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.45" (CONF:2228-13852). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-26555).	Medication_Dispensed_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.45'][@extension='2016-02-01']) = 1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-19440-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-19440).	Medication_Dispensed_V3-errors	count(cda:statusCode) = 1
a-2228-13856-error	SHALL contain exactly one [1..1] effectiveTime with xsi:type="IVL_TS" (CONF:2228-13856).	Medication_Dispensed_V3-errors	count(cda:effectiveTime[@xsi:type='IVL_TS']) = 1
a-2228-28669-error	This template SHALL be contained by a Medication Dispensed Act (CONF:2228-28669).	Medication_Dispensed_V3-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.139']) = 1
a-2228-19441-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-19441).	Medication_Dispensed_V3-statuscode-errors	@code='completed'
a-2228-28555-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-28555).	Medication_Dispensed_V3-effectivetime-errors	count(cda:low) = 1
a-81-7613-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:81-7613).	Age-observation-errors	@classCode='OBS'
a-81-7614-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:81-7614).	Age-observation-errors	@moodCode='EVN'
a-81-7899-error	SHALL contain exactly one [1..1] templateId (CONF:81-7899) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.31" (CONF:81-10487).	Age-observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.31'][not(@extension)])=1
a-81-7615-error	SHALL contain exactly one [1..1] code (CONF:81-7615).	Age-observation-errors	count(cda:code)=1
a-81-15965-error	SHALL contain exactly one [1..1] statusCode (CONF:81-15965).	Age-observation-errors	count(cda:statusCode)=1
a-81-7617-error	SHALL contain exactly one [1..1] value with @xsi:type="PQ" (CONF:81-7617).	Age-observation-errors	count(cda:value[@xsi:type='PQ'])=1
a-81-16776-error	This code SHALL contain exactly one [1..1] @code="445518008" Age At Onset (CONF:81-16776).	Age-observation-code-errors	@code='445518008'
a-81-26499-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:81-26499).	Age-observation-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-81-15966-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:81-15966).	Age-observation-statusCode-errors	@code='completed'
a-81-7618-error	This value SHALL contain exactly one [1..1] @unit, which SHALL be selected from ValueSet AgePQ_UCUM urn:oid:2.16.840.1.113883.11.20.9.21 DYNAMIC (CONF:81-7618).	Age-observation-value-errors	@unit
a-1098-7480-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7480).	Indication-errors	@classCode='OBS'
a-1098-7481-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7481).	Indication-errors	@moodCode='EVN'
a-1098-7482-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7482) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.19" (CONF:1098-10502). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32570).	Indication-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.19'][@extension='2014-06-09'])=1
a-1098-7483-error	SHALL contain at least one [1..*] id (CONF:1098-7483).	Indication-errors	count(cda:id) > 0
a-1098-31229-error	SHALL contain exactly one [1..1] code, which MAY be selected from ValueSet Problem Type urn:oid:2.16.840.1.113883.3.88.12.3221.7.2 STATIC 2014-09-02 (CONF:1098-31229).	Indication-errors	count(cda:code)=1
a-1098-7487-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7487).	Indication-errors	count(cda:statusCode)=1
a-1098-19105-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1098-19105).	Indication-statusCode-errors	@code='completed'
a-2228-13961-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-13961).	Laboratory_Test_Intolerance_V3-errors	@classCode='OBS'
a-2228-13962-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13962).	Laboratory_Test_Intolerance_V3-errors	@moodCode='EVN'
a-2228-13963-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13963) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.36" (CONF:2228-13964). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27019).	Laboratory_Test_Intolerance_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.36'][@extension='2016-02-01']) = 1
a-2228-14573-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-14573).	Laboratory_Test_Intolerance_V3-errors	count(cda:value[@xsi:type='CD']) = 1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-13973-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-13973) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-13974). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-13975). SHALL contain exactly one [1..1] Laboratory Test Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.38:2016-02-01) (CONF:2228-27155).	Laboratory_Test_Intolerance_V3-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.38'][@extension='2016-02-01']])=1])=1
a-2228-16418-error	This value SHALL contain exactly one [1..1] @code="102460003" Decreased tolerance (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-16418).	Laboratory_Test_Intolerance_V3-value-errors	@code='102460003'
a-67-12805-error	SHALL contain exactly one [1..1] @classCode="CLUSTER" cluster (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:67-12805).	eMeasure-Reference-QDM-errors	@classCode='CLUSTER'
a-67-12806-error	SHALL contain exactly one [1..1] @moodCode="EVN" event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:67-12806).	eMeasure-Reference-QDM-errors	@moodCode='EVN'
a-67-12807-error	SHALL contain exactly one [1..1] statusCode="completed" completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:67-12807).	eMeasure-Reference-QDM-errors	count(cda:statusCode[@code='completed'])=1
a-67-12808-error	SHALL contain exactly one [1..1] reference (CONF:67-12808) such that it SHALL contain exactly one [1..1] @typeCode="REFR" refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 STATIC) (CONF:67-12809). SHALL contain exactly one [1..1] externalDocument (CONF:67-12810).	eMeasure-Reference-QDM-errors	count(cda:reference[@typeCode='REFR'][count(cda:externalDocument)=1])=1
a-67-27017-error	This externalDocument SHALL contain exactly one [1..1] @classCode="DOC" Document (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:67-27017).	eMeasure-Reference-QDM-externalDocument-errors	@classCode='DOC'
a-67-12811-error	This externalDocument SHALL contain exactly one [1..1] id (CONF:67-12811) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.4.738" (CONF:67-12812). SHALL contain exactly one [1..1] @extension (CONF:67-12813).	eMeasure-Reference-QDM-externalDocument-errors	count(cda:id[@root='2.16.840.1.113883.4.738'][@extension])=1
a-67-16679-error	The component, if present, SHALL contain exactly one [1..1] observation (CONF:67-16679).	eMeasure-Reference-QDM-component-errors	count(cda:observation)=1
a-67-16680-error	This observation SHALL contain exactly one [1..1] @negationInd (CONF:67-16680).	eMeasure-Reference-QDM-component-observation-errors	@negationInd
a-67-16681-error	This observation SHALL contain exactly one [1..1] code (CONF:67-16681).	eMeasure-Reference-QDM-component-observation-errors	count(cda:code)=1
a-67-16683-error	This observation SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:67-16683).	eMeasure-Reference-QDM-component-observation-errors	count(cda:value[@xsi:type='CD'])=1
a-67-16684-error	This observation SHALL contain exactly one [1..1] reference (CONF:67-16684).	eMeasure-Reference-QDM-component-observation-errors	count(cda:reference)=1
a-67-16682-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:67-16682).	eMeasure-Reference-QDM-component-observation-code-errors	@code='ASSERTION'
a-67-27010-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:67-27010).	eMeasure-Reference-QDM-component-observation-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-67-16685-error	This reference SHALL contain exactly one [1..1] @typeCode="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 STATIC) (CONF:67-16685).	eMeasure-Reference-QDM-component-observation-reference-errors	@typeCode='REFR'
a-67-16686-error	This reference SHALL contain exactly one [1..1] externalObservation (CONF:67-16686).	eMeasure-Reference-QDM-component-observation-reference-errors	count(cda:externalObservation)=1
a-67-16693-error	This externalObservation SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:67-16693).	eMeasure-Reference-QDM-component-observation-reference-externalObservation-errors	@classCode='OBS'
a-67-16694-error	This externalObservation SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:67-16694).	eMeasure-Reference-QDM-component-observation-reference-externalObservation-errors	@moodCode='EVN'
a-67-16687-error	This externalObservation SHALL contain exactly one [1..1] id (CONF:67-16687).	eMeasure-Reference-QDM-component-observation-reference-externalObservation-errors	count(cda:id)=1
a-67-16690-error	The referenceRange, if present, SHALL contain exactly one [1..1] observationRange (CONF:67-16690).	eMeasure-Reference-QDM-component-observation-referenceRange-errors	count(cda:observationRange)=1
a-67-16691-error	This observationRange SHALL contain exactly one [1..1] value with @xsi:type="REAL" (CONF:67-16691).	eMeasure-Reference-QDM-component-observation-referenceRange-observationRange-errors	count(cda:value[@xsi:type='REAL'])=1
a-CMS_0111-error	Data types of REAL SHALL NOT have both @value and @nullFlavor. (CONF: CMS_0111)	r-validate_REAL-errors	(@value or @nullFlavor) and not (@value and @nullFlavor)
a-2228-27369-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27369).	Diagnostic-Study-Performed-errors	@classCode='OBS'
a-2228-12950-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12950).	Diagnostic-Study-Performed-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-12951-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12951) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.18" (CONF:2228-12952). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27141).	Diagnostic-Study-Performed-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.18'][@extension='2016-02-01'])=1
a-2228-27617-error	SHALL contain exactly one [1..1] code (CONF:2228-27617).	Diagnostic-Study-Performed-errors	count(cda:code)=1
a-2228-12956-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-12956).	Diagnostic-Study-Performed-errors	count(cda:statusCode)=1
a-2228-12958-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-12958).	Diagnostic-Study-Performed-errors	count(cda:effectiveTime)=1
a-2228-27618-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27618).	Diagnostic-Study-Performed-code-errors	@sdtc:valueSet
a-2228-12957-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-12957).	Diagnostic-Study-Performed-statusCode-errors	@code='completed'
a-2228-12959-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-12959).	Diagnostic-Study-Performed-effectiveTime-errors	count(cda:low)=1
a-2228-12960-error	This effectiveTime SHALL contain exactly one [1..1] high (CONF:2228-12960).	Diagnostic-Study-Performed-effectiveTime-errors	count(cda:high)=1
a-1098-7357-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7357).	Problem-Status-errors	@classCode='OBS'
a-1098-7358-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7358).	Problem-Status-errors	@moodCode='EVN'
a-1098-10518-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7359) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.6" (CONF:1098-10518).	Problem-Status-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.6'][not(@extension)])=1
a-1098-19162-error	SHALL contain exactly one [1..1] code (CONF:1098-19162).	Problem-Status-errors	count(cda:code)=1
a-1098-7364-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7364).	Problem-Status-errors	count(cda:statusCode)=1
a-1098-19163-error	This code SHALL contain exactly one [1..1] @code="33999-4" Status (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1 STATIC) (CONF:1098-19163).	Problem-Status-code-errors	@code='33999-4'
a-1098-19113-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1098-19113).	Problem-Status-statusCode-errors	@code='completed'
a-3265-28682-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:3265-28682).	Assessment_recommended-errors	@classCode='OBS'
a-3265-28681-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:3265-28681).	Assessment_recommended-errors	@moodCode='INT'
a-3265-28673-error	SHALL contain exactly one [1..1] templateId (CONF:3265-28673) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.145" (CONF:3265-28676).	Assessment_recommended-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.145'][@extension='2016-08-01'])=1
a-3265-28674-error	SHALL contain exactly one [1..1] code (CONF:3265-28674).	Assessment_recommended-errors	count(cda:code)=1
a-3265-28680-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:3265-28680) SHALL contain exactly one [1..1] @extension="2016-08-01" (CONF:3265-28702).	Assessment_recommended-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-3265-28679-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:3265-28679).	Assessment_recommended-code-errors	@sdtc:valueSet
a-3265-28700-error	The methodCode, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:3265-28700).	Assessment_recommended-methodCode-errors	@sdtc:valueSet
a-1098-16303-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-16303).	Substance-Device-Allergy-Intolerance-Observation-errors	@classCode='OBS'
a-1098-16304-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-16304).	Substance-Device-Allergy-Intolerance-Observation-errors	@moodCode='EVN'
a-1098-16305-error	SHALL contain exactly one [1..1] templateId (CONF:1098-16305) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.90" (CONF:1098-16306). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32527).	Substance-Device-Allergy-Intolerance-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.90'][@extension='2014-06-09']) = 1
a-1098-16307-error	SHALL contain at least one [1..*] id (CONF:1098-16307).	Substance-Device-Allergy-Intolerance-Observation-errors	count(cda:id) >= 1
a-1098-16345-error	SHALL contain exactly one [1..1] code (CONF:1098-16345).	Substance-Device-Allergy-Intolerance-Observation-errors	count(cda:code)=1
a-1098-16308-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-16308).	Substance-Device-Allergy-Intolerance-Observation-errors	count(cda:statusCode)=1
a-1098-16309-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-16309).	Substance-Device-Allergy-Intolerance-Observation-errors	count(cda:effectiveTime)=1
a-1098-16312-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:1098-16312).	Substance-Device-Allergy-Intolerance-Observation-errors	count(cda:value[@xsi:type='CD'])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-16346-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:1098-16346).	Substance-Device-Allergy-Intolerance-Observation-code-errors	@code='ASSERTION'
a-1098-32171-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1098-32171).	Substance-Device-Allergy-Intolerance-Observation-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-1098-26354-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-26354).	Substance-Device-Allergy-Intolerance-Observation-statusCode-errors	@code='completed'
a-1098-31536-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:1098-31536).	Substance-Device-Allergy-Intolerance-Observation-effectiveTime-errors	count(cda:low)=1
a-1098-16317-error	This value SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Allergy and Intolerance Type urn:oid:2.16.840.1.113883.3.88.12.3221.6.2 DYNAMIC (CONF:1098-16317).	Substance-Device-Allergy-Intolerance-Observation-value-errors	@code
a-2228-28562-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28562).	Medication_Dispensed_Act-errors	@classCode='ACT'
a-2228-28563-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28563).	Medication_Dispensed_Act-errors	@moodCode='EVN'
a-2228-28558-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28558) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.139" (CONF:2228-28560).	Medication_Dispensed_Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.139'][not(@extension)]) = 1
a-2228-28564-error	SHALL contain at least one [1..*] id (CONF:2228-28564).	Medication_Dispensed_Act-errors	count(cda:id) > 0
a-2228-28567-error	SHALL contain exactly one [1..1] code (CONF:2228-28567).	Medication_Dispensed_Act-errors	count(cda:code) = 1
a-2228-28557-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28557) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28561). SHALL contain exactly one [1..1] Medication Dispensed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.45:2016-02-01) (CONF:2228-28566).	Medication_Dispensed_Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:supply[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.45'][@extension='2016-02-01']])=1]) = 1
a-2228-28568-error	This code SHALL contain exactly one [1..1] @code="SPLY" supply (CONF:2228-28568).	Medication_Dispensed_Act-code-errors	@code='SPLY'
a-2228-28569-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.6" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28569).	Medication_Dispensed_Act-code-errors	@codeSystem='2.16.840.1.113883.5.6'
a-2228-28645-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28645).	Immunization_order-errors	@classCode='SBADM'
a-2228-28644-error	SHALL contain exactly one [1..1] @moodCode="RQO" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28644).	Immunization_order-errors	@moodCode='RQO'
a-2228-28627-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28627) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.143" (CONF:2228-28634).	Immunization_order-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.143'][not(@extension)])=1
a-2228-28646-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-28646).	Immunization_order-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-28636-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-28636).	Immunization_order-routeCode-translation-errors	@sdtc:valueSet
a-1098-8289-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8289).	Procedure-Activity-Act-errors	@classCode='ACT'
a-1098-8290-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-8290).	Procedure-Activity-Act-errors	@moodCode='EVN'
a-1098-8291-error	SHALL contain exactly one [1..1] templateId (CONF:1098-8291) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.12" (CONF:1098-10519). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32505).	Procedure-Activity-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.12'][@extension='2014-06-09'])=1
a-1098-8292-error	SHALL contain at least one [1..*] id (CONF:1098-8292).	Procedure-Activity-Act-errors	count(cda:id) >= 1
a-1098-8293-error	SHALL contain exactly one [1..1] code (CONF:1098-8293).	Procedure-Activity-Act-errors	count(cda:code)=1
a-1098-8298-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-8298).	Procedure-Activity-Act-errors	count(cda:statusCode)=1
a-1098-8299-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-8299).	Procedure-Activity-Act-errors	count(cda:effectiveTime)=1
a-1098-19189-error	This reference/@value SHALL begin with a '#' and SHALL point to its corresponding narrative (using the approach defined in CDA Release 2, section 4.3.5.1) (CONF:1098-19189).	Procedure-Activity-Act-code-originalText-reference-value-errors	starts-with(@value, '#')
a-1098-32364-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ProcedureAct statusCode urn:oid:2.16.840.1.113883.11.20.9.22 STATIC 2014-04-23 (CONF:1098-32364).	Procedure-Activity-Act-statusCode-errors	@code

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-8302-error	The performer, if present, SHALL contain exactly one [1..1] assignedEntity (CONF:1098-8302).	Procedure-Activity-Act-performer-errors	count(cda:assignedEntity)=1
a-1098-8303-error	This assignedEntity SHALL contain at least one [1..*] id (CONF:1098-8303).	Procedure-Activity-Act-performer-assignedEntity-errors	count(cda:id)>=1
a-1098-8304-error	This assignedEntity SHALL contain at least one [1..*] addr (CONF:1098-8304).	Procedure-Activity-Act-performer-assignedEntity-errors	count(cda:addr)>=1
a-1098-8305-error	This assignedEntity SHALL contain at least one [1..*] telecom (CONF:1098-8305).	Procedure-Activity-Act-performer-assignedEntity-errors	count(cda:telecom)>=1
a-1098-8309-error	The representedOrganization, if present, SHALL contain at least one [1..*] addr (CONF:1098-8309).	Procedure-Activity-Act-performer-assignedEntity-representedOrganization-errors	count(cda:addr)>=1
a-1098-8310-error	The representedOrganization, if present, SHALL contain at least one [1..*] telecom (CONF:1098-8310).	Procedure-Activity-Act-performer-assignedEntity-representedOrganization-errors	count(cda:telecom)>=1
a-1098-7496-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7496).	Medication_Activity-errors	@classCode='SBADM'
a-1098-7497-v-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet MoodCodeEvnInt urn:oid:2.16.840.1.113883.11.20.9.18 STATIC 2011-04-03 (CONF:1098-7497).	Medication_Activity-errors	@moodCode and @moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.18']/voc:code/@value
a-1098-7499-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7499) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.16" (CONF:1098-10504). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32498).	Medication_Activity-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.16'][@extension='2014-06-09']) = 1
a-1098-7500-error	SHALL contain at least one [1..*] id (CONF:1098-7500).	Medication_Activity-errors	count(cda:id) > 0
a-1098-7507-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7507).	Medication_Activity-errors	count(cda:statusCode) = 1
a-1098-7508-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-7508) such that it SHALL contain either a low or a @value but not both (CONF:1098-32890).	Medication_Activity-errors	count(cda:effectiveTime[not(@operator='A')]) = 1 and (cda:effectiveTime[@value] or count(cda:effectiveTime[cda:low])=1) and not(cda:effectiveTime[@value] and cda:effectiveTime[cda:low])
a-1098-7516-error	SHALL contain exactly one [1..1] doseQuantity (CONF:1098-7516).	Medication_Activity-errors	count(cda:doseQuantity) = 1
a-1098-7520-error	SHALL contain exactly one [1..1] consumable (CONF:1098-7520).	Medication_Activity-errors	count(cda:consumable) = 1
a-1098-32360-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet ActStatus urn:oid:2.16.840.1.113883.1.11.159331 DYNAMIC (CONF:1098-32360).	Medication_Activity-code-errors	@code
a-1098-7525-error	The rateQuantity, if present, SHALL contain exactly one [1..1] @unit, which SHALL be selected from ValueSet UnitsOfMeasureCaseSensitive urn:oid:2.16.840.1.113883.1.11.12839 DYNAMIC (CONF:1098-7525).	Medication_Activity-may-rateQuantity-errors	@unit
a-1098-16085-error	This consumable SHALL contain exactly one [1..1] Medication Information (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.23:2014-06-09) (CONF:1098-16085).	Medication_Activity-consumable-errors	count(cda:manufacturedProduct[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.23'][@extension='2014-06-09']])=1
a-1098-31882-error	The precondition, if present, SHALL contain exactly one [1..1] @typeCode="PRCN" (CONF:1098-31882).	Medication_Activity-may-errors	@typeCode='PRCN'
a-1098-31883-error	The precondition, if present, SHALL contain exactly one [1..1] Precondition for Substance Administration (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.25:2014-06-09) (CONF:1098-31883).	Medication_Activity-may-errors	count(cda:criterion[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.25'][@extension='2014-06-09']]) = 1
a-1098-31485-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1098-31485).	Entry-Reference-errors	@classCode='ACT'
a-1098-31486-error	SHALL contain exactly one [1..1] @moodCode="EVN" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-31486	Entry-Reference-errors	@moodCode='EVN'
a-1098-31487-error	SHALL contain exactly one [1..1] templateId (CONF:1098-31487) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.122" (CONF:1098-31488).	Entry-Reference-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.122'][not(@extension)])=1
a-1098-31489-error	SHALL contain at least one [1..*] id (CONF:1098-31489).	Entry-Reference-errors	count(cda:id)>=1
a-1098-31490-error	SHALL contain exactly one [1..1] code (CONF:1098-31490).	Entry-Reference-errors	count(cda:code)=1
a-1098-31498-error	SHALL contain exactly one [1..1] code (CONF:1098-31498).	Entry-Reference-errors	count(cda:statusCode)=1
a-1098-31491-error	This code SHALL contain exactly one [1..1] @nullFlavor="NP" Not Present (CodeSystem: HL7NullFlavor urn:oid:2.16.840.1.113883.5.1008) (CONF:1098-31491).	Entry-Reference-code-errors	@nullFlavor='NP'
a-2228-28358-error	SHALL contain exactly one [1..1] @classCode="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28358).	Transfer-To-errors	@classCode='ENC'
a-2228-13182-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13182) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.82" (CONF:2228-13183).	Transfer-To-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.82'])=1
a-2228-28360-error	SHALL contain at least one [1..*] id (CONF:2228-28360).	Transfer-To-errors	count(cda:id)>=1
a-2228-28352-error	SHALL contain exactly one [1..1] code (CONF:2228-28352).	Transfer-To-errors	count(cda:code)=1
a-2228-28353-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-28353).	Transfer-To-errors	count(cda:statusCode)=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-28354-error	SHALL contain exactly one [1..1] participant (CONF:2228-28354) such that it SHALL contain exactly one [1..1] @typeCode="DST" Destination (CONF:2228-28364). SHALL contain exactly one [1..1] time (CONF:2228-28355).	Transfer-To-errors	count(cda:participant[@typeCode='DST'][count(cda:time)=1])=1
a-2228-28664-error	This template SHALL be contained by a Transfer To Act (CONF:2228-28664).	Transfer-To-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.142'])=1
a-2228-28361-error	This code SHALL contain exactly one [1..1] @code="77306-9" Discharge disposition (CONF:2228-28361).	Transfer-To-code-errors	@code='77306-9'
a-2228-28365-error	This time SHALL contain exactly one [1..1] low (CONF:2228-28365).	Transfer-To-participant-time-errors	count(cda:low)=1
a-3265-28547-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:3265-28547).	Symptom-Concern-Act-errors	@classCode='ACT'
a-3265-28548-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:3265-28548).	Symptom-Concern-Act-errors	@moodCode='EVN'
a-3265-28539-error	SHALL contain exactly one [1..1] templateId (CONF:3265-28539) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.138" (CONF:3265-28544). SHALL contain exactly one [1..1] @extension="2016-08-01" (CONF:3265-28694).	Symptom-Concern-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.138'][@extension='2016-08-01'])=1
a-3265-28540-error	SHALL contain exactly one [1..1] statusCode (CONF:3265-28540).	Symptom-Concern-Act-errors	count(cda:statusCode)=1
a-3265-28541-error	SHALL contain exactly one [1..1] effectiveTime (CONF:3265-28541).	Symptom-Concern-Act-errors	count(cda:effectiveTime)=1
a-3265-28538-error	SHALL contain exactly one [1..1] entryRelationship (CONF:3265-28538) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" Has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:3265-28543). SHALL contain exactly one [1..1] Symptom (identifier: urn:oid:2.16.840.1.113883.10.20.24.3.136) (CONF:3265-28542).	Symptom-Concern-Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.136']])=1])=1
a-3265-28545-error	This statusCode SHALL contain exactly one [1..1] @code (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:3265-28545).	Symptom-Concern-Act-statusCode-errors	@code
a-3265-28546-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:3265-28546).	Symptom-Concern-Act-effectiveTime-errors	count(cda:low)=1
a-1098-7372-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7372) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.25" (CONF:1098-10517). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32603).	Precondition-For-Substance-Administration-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.25'][@extension='2014-06-09'])=1
a-1098-32396-error	SHALL contain exactly one [1..1] code with @xsi:type="CD" (CONF:1098-32396).	Precondition-For-Substance-Administration-errors	count(cda:code)=1
a-098-7369-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Problem urn:oid:2.16.840.1.113883.3.88.12.3221.7.4 DYNAMIC (CONF:1098-7369).	Precondition-For-Substance-Administration-errors	count(cda:value[@xsi:type='CD'])=1
a-1098-32397-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:1098-32397).	Precondition-For-Substance-Administration-code-errors	@code='ASSERTION'
a-1098-32398-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1098-32398).	Precondition-For-Substance-Administration-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-1098-7451-error	SHALL contain exactly one [1..1] @classCode="SPLY" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7451).	Medication_Dispense_V2-errors	@classCode='SPLY'
a-1098-7452-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7452).	Medication_Dispense_V2-errors	@moodCode='EVN'
a-1098-7453-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7453) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.18" (CONF:1098-10505). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32580).	Medication_Dispense_V2-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.18'][@extension='2014-06-09']) = 1
a-1098-7454-error	SHALL contain at least one [1..*] id (CONF:1098-7454).	Medication_Dispense_V2-errors	count(cda:id) > 0
a-1098-7455-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7455).	Medication_Dispense_V2-errors	count(cda:statusCode) = 1
a-1098-9333-error	A supply act SHALL contain one product/Medication Information OR one product/Immunization Medication Information template (CONF:1098-9333).	Medication_Dispense_V2-errors	(cda:product[count(cda:manufacturedProduct)=1]) and (count(cda:product[cda:manufacturedProduct[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.23'][@extension='2014-06-09']] or cda:manufacturedProduct[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.54'][@extension='2014-06-09']]]) = 1)
a-1098-32361-error	This statusCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Medication Fill Status urn:oid:2.16.840.1.113883.3.88.12.80.64 STATIC 2014-04-23 (CONF:1098-32361).	Medication_Dispense_V2-statuscode-errors	@code=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.3.88.12.80.64']/voc:code/@value

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-7461-error	The performer, if present, SHALL contain exactly one [1..1] assignedEntity (CONF:1098-7467).	Medication_Dispense_V2-may-performer-errors	count(cda:assignedEntity) = 1
a-2228-27550-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27550).	Physical_Exam_Order_V3-errors	@classCode='OBS'
a-2228-12685-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12685).	Physical_Exam_Order_V3-errors	@moodCode='RQO'
a-2228-12686-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12686) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.58" (CONF:2228-12687). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27078).	Physical_Exam_Order_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.58'][@extension='2016-02-01']) = 1
a-2228-12689-error	SHALL contain exactly one [1..1] code (CONF:2228-12689).	Physical_Exam_Order_V3-errors	count(cda:code) = 1
a-2228-13254-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-13254).	Physical_Exam_Order_V3-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-27345-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27345).	Physical_Exam_Order_V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']]) = 1
a-2228-13242-error	This code SHALL contain exactly one [1..1] @code="29545-1" physical examination (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:2228-13242).	Physical_Exam_Order_V3-code-errors	@code='29545-1'
a-2228-27650-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27650).	Physical_Exam_Order_V3-value-errors	@sdtc:valueSet
a-1198-8600-error	SHALL contain exactly one [1..1] @classCode="CLUSTER" Cluster (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-8600).	Family_History_Organizer_V3-errors	@classCode='CLUSTER'
a-1198-8601-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-8601).	Family_History_Organizer_V3-errors	@moodCode='EVN'
a-1198-8604-error	SHALL contain exactly one [1..1] templateId (CONF:1198-8604) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.45" (CONF:1198-10497). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32606).	Family_History_Organizer_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.45'][@extension='2015-08-01'])=1
a-1198-32485-error	SHALL contain at least one [1..*] id (CONF:1198-32485).	Family_History_Organizer_V3-errors	count(cda:id) > 0
a-1198-8602-error	SHALL contain exactly one [1..1] statusCode (CONF:1198-8602).	Family_History_Organizer_V3-errors	count(cda:statusCode) = 1
a-1198-8609-error	SHALL contain exactly one [1..1] subject (CONF:1198-8609).	Family_History_Organizer_V3-errors	count(cda:subject) = 1
a-1198-32428-error	SHALL contain at least one [1..*] component (CONF:1198-32428).	Family_History_Organizer_V3-errors	count(cda:component) > 0
a-1198-19099-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1198-19099).	Family_History_Organizer_V3-statusCode-errors	@code='completed'
a-1198-15244-error	This subject SHALL contain exactly one [1..1] relatedSubject (CONF:1198-15244).	Family_History_Organizer_V3-subject-errors	count(cda:relatedSubject) = 1
a-1198-15245-error	This relatedSubject SHALL contain exactly one [1..1] @classCode="PRS" Person (CodeSystem: EntityClass urn:oid:2.16.840.1.113883.5.41 STATIC) (CONF:1198-15245).	Family_History_Organizer_V3-relatedSubject-errors	@classCode='PRS'
a-1198-15246-error	This relatedSubject SHALL contain exactly one [1..1] code (CONF:1198-15246).	Family_History_Organizer_V3-relatedSubject-errors	count(cda:code) = 1
a-1198-15247-error	This code 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:1198-15247).	Family_History_Organizer_V3-code-errors	@code
a-1198-15974-error	The subject, if present, SHALL contain exactly one [1..1] administrativeGenderCode (CONF:1198-15974).	Family_History_Organizer_V3-relatedSubject-subject-errors	count(cda:administrativeGenderCode) = 1
a-1198-15975-error	This administrativeGenderCode SHALL contain exactly one [1..1] @code, which SHALL be selected from ValueSet Administrative Gender (HL7 V3) urn:oid:2.16.840.1.113883.1.11.1 DYNAMIC (CONF:1198-15975).	Family_History_Organizer_V3-relatedSubject-administrativeGenderCode-errors	@code
a-1198-32429-error	Such components SHALL contain exactly one [1..1] Family History Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.46:2015-08-01) (CONF:1198-32429).	Family_History_Organizer_V3-component-subject-errors	count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.46'][@extension='2015-08-01']]) = 1
a-2228-11816-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11816).	Communication-From-Provider-To-Provider-V3-errors	@classCode='ACT'
a-2228-11817-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11817).	Communication-From-Provider-To-Provider-V3-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-11818-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11818) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.4" (CONF:2228-11819). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27285).	Communication-From-Provider-To-Provider-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.4'][@extension='2016-02-01'])=1
a-2228-11821-error	SHALL contain at least one [1..*] id (CONF:2228-11821).	Communication-From-Provider-To-Provider-V3-errors	count(cda:id)>=1
a-2228-26950-error	SHALL contain exactly one [1..1] code (CONF:2228-26950).	Communication-From-Provider-To-Provider-V3-errors	count(cda:code)=1
a-2228-11822-error	SHALL contain exactly one [1..1] statusCode="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-11822).	Communication-From-Provider-To-Provider-V3-errors	count(cda:statusCode[@code='completed'])=1
a-2228-11823-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11823).	Communication-From-Provider-To-Provider-V3-errors	count(cda:effectiveTime)=1
a-2228-11827-error	SHALL contain exactly one [1..1] participant (CONF:2228-11827) such that it SHALL contain exactly one [1..1] @typeCode="IRCP" information recipient (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-11828) SHALL contain exactly one [1..1] participantRole (CONF:2228-11829). This participantRole SHALL contain exactly one [1..1] @classCode="ASSIGNED" assigned entity (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12096). This participantRole SHALL contain exactly one [1..1] code (CONF:2228-11830). This code SHALL contain exactly one [1..1] @code="158965000" Medical practitioner (CONF:2228-26951). This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-26952).	Communication-From-Provider-To-Provider-V3-errors	count(cda:participant[@typeCode='IRCP'][count(cda:participantRole[@classCode='ASSIGNED'][count(cda:code[@code='158965000'][@codeSystem='2.16.840.1.113883.6.96'])=1])=1])=1
a-2228-11837-error	SHALL contain exactly one [1..1] participant (CONF:2228-11837) such that it SHALL contain exactly one [1..1] @typeCode="IRCP" information recipient (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-11838) SHALL contain exactly one [1..1] participantRole (CONF:2228-11839). This participantRole SHALL contain exactly one [1..1] @classCode="ASSIGNED" assigned entity (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12097). This participantRole SHALL contain exactly one [1..1] code (CONF:2228-12103). This code SHALL contain exactly one [1..1] @code="158965000" Medical practitioner (CONF:2228-26953). This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-26954).	Communication-From-Provider-To-Provider-V3-errors	count(cda:participant[@typeCode='AUT'][count(cda:participantRole[@classCode='ASSIGNED'][count(cda:code[@code='158965000'][@codeSystem='2.16.840.1.113883.6.96'])=1])=1])=1
a-2228-27581-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27581).	Communication-From-Provider-To-Provider-V3-code-errors	@sdtc:valueSet
a-2228-27547-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27547).	Communication-From-Provider-To-Provider-V3-effectiveTime-errors	count(cda:low)=1
a-CMS_0119-error	When a Tax Identification Number is used, the provided TIN must be in valid format (9 decimal digits). (CONF: CMS_0119)	r-validate_TIN_format-errors-abstract	not(@extension) or ((number(@extension)=@extension) and string-length(@extension)=9)
a-CMS_0120-error	The TIN SHALL have either @extension or @nullFlavor, but not both. (CONF: CMS_0120)	r-validate_TIN_format-errors-abstract	count(@extension|@nullFlavor)=1
a-1098-30418-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:1098-30418).	Goal_Observation-errors	@classCode='OBS'
a-1098-30419-error	SHALL contain exactly one [1..1] @moodCode="GOL" Goal (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:1098-30419).	Goal_Observation-errors	@moodCode='GOL'
a-1098-8583-error	SHALL contain exactly one [1..1] templateId (CONF:1098-8583) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.121" (CONF:1098-10512).	Goal_Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.121'][not(@extension)]) = 1
a-1098-32332-error	SHALL contain at least one [1..*] id (CONF:1098-32332).	Goal_Observation-errors	count(cda:id) > 0
a-1098-30784-error	SHALL contain exactly one [1..1] code, which SHOULD be selected from CodeSystem LOINC (urn:oid:2.16.840.1.113883.6.1) (CONF:1098-30784).	Goal_Observation-errors	count(cda:code) = 1
a-1098-32333-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-32333).	Goal_Observation-errors	count(cda:statusCode) = 1
a-1098-30995-error	SHALL contain at least one [1..*] author (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:1098-30995).	Goal_Observation-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']]) = 1
a-1098-32334-error	This statusCode SHALL contain exactly one [1..1] @code="active" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-32334).	Goal_Observation-statusCode-errors	@code='active'
a-1098-32755-error	The reference, if present, SHALL contain exactly one [1..1] @typeCode="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1098-32755).	Goal_Observation-may-reference-errors	@typeCode='REFR'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-32756-error	The reference, if present, SHALL contain exactly one [1..1] External Document Reference (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.115:2014-06-09) (CONF:1098-32756).	Goal_Observation-may-reference-errors	count(cda:externalDocument[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.115'][@extension='2014-06-09']])=1
a-2228-27722-error	SHALL contain exactly one [1..1] @classCode="SPLY" Supply (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27722).	Device-Recommended-V3-errors	@classCode='SPLY'
a-2228-12368-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent, which SHALL be selected from CodeSystem ActMood (urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12368).	Device-Recommended-V3-errors	@moodCode='INT'
a-2228-12369-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12369) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.10" (CONF:2228-12370). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27094).	Device-Recommended-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.10'][@extension='2016-02-01'])=1
a-2228-27719-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27719).	Device-Recommended-V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-12374-error	SHALL contain exactly one [1..1] participant (CONF:2228-12374) such that it SHALL contain exactly one [1..1] @typeCode="DEV" device, which SHALL be selected from CodeSystem HL7ParticipationType (urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12375).SHALL contain exactly one [1..1] participantRole (CONF:2228-12376).This participantRole SHALL contain exactly one [1..1] @classCode="MANU" manufactured product, which SHALL be selected from CodeSystem RoleClass (urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12377).This participantRole SHALL contain exactly one [1..1] playingDevice (CONF:2228-12378).This playingDevice SHALL contain exactly one [1..1] @classCode="DEV" device, which SHALL be selected from CodeSystem HL7ParticipationType (urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12379). This playingDevice SHALL contain exactly one [1..1] code (CONF:2228-12380). This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27587).	Device-Recommended-V3-errors	count(cda:participant[@typeCode='DEV'][count(cda:participantRole[@classCode='MANU'][count(cda:playingDevice[@classCode='DEV'][count(cda:code[@sdtc:valueSet])=1])=1])=1])=1
a-2228-28666-error	This template SHALL be contained by a Device Recommended Act (CONF:2228-28666).	Device-Recommended-V3-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.131'])=1
a-CMS_0040-error	SHALL contain exactly one [1..1] templateId (CONF:CMS_0040) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.17.2.1.1" (CONF:CMS_0041). SHALL contain exactly one [1..1] @extension="2016-03-01" (CONF:CMS_0042).	QRDA_Category_I_Reporting_Parameters_Section_CMS-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.17.2.1.1'][@extension='2016-03-01']) = 1
a-CMS_0023-error	SHALL contain exactly one [1..1] entry (CONF:CMS_0023) such that it SHALL contain exactly one [1..1] Reporting Parameters Act - CMS (identifier: urn:hl7ii:2.16.840.1.113883.10.20.17.3.8.1:2016-03-01) (CONF:CMS_0024).	QRDA_Category_I_Reporting_Parameters_Section_CMS-errors	count(cda:entry[count(cda:act[cda:templateId[@root='2.16.840.1.113883.10.20.17.3.8.1'][@extension='2016-03-01']])=1]) = 1
a-2228-14136-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-14136).	Medication_Allergy_V3-errors	@classCode='OBS'
a-2228-14137-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-14137).	Medication_Allergy_V3-errors	@moodCode='EVN'
a-2228-28082-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28082).	Medication_Allergy_V3-errors	not(@negationInd)
a-2228-14138-error	SHALL contain exactly one [1..1] templateId (CONF:2228-14138) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.44" (CONF:2228-14139). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27031).	Medication_Allergy_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.44'][@extension='2016-02-01']) = 1
a-2228-14159-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-14159).	Medication_Allergy_V3-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-27972-error	SHALL contain exactly one [1..1] participant (CONF:2228-27972) such that it SHALL contain exactly one [1..1] @typeCode="CSM" Consumable (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-27976). SHALL contain exactly one [1..1] participantRole (CONF:2228-27973).	Medication_Allergy_V3-errors	count(cda:participant[@typeCode='CSM'][count(cda:participantRole)=1])=1
a-2228-14160-error	This value SHALL contain exactly one [1..1] @code="416098002" Drug allergy (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-14160).	Medication_Allergy_V3-value-errors	@code='416098002'
a-2228-27977-error	This participantRole SHALL contain exactly one [1..1] @classCode="MANU" Manufactured product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-27977).	Medication_Allergy_V3-participantRole-errors	@classCode='MANU'
a-2228-27974-error	This participantRole SHALL contain exactly one [1..1] playingEntity (CONF:2228-27974).	Medication_Allergy_V3-participantRole-errors	count(cda:playingEntity) = 1

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a-2228-27978-error	This playingEntity SHALL contain exactly one [1..1] @classCode="MMAT" Manufactured material (CodeSystem: EntityClass urn:oid:2.16.840.1.113883.5.41) (CONF:2228-27978).	Medication_Allergy_V3-playingEntity-errors	@classCode='MMAT'
a-2228-27975-error	This playingEntity SHALL contain exactly one [1..1] code (CONF:2228-27975).	Medication_Allergy_V3-playingEntity-errors	count(cda:code) = 1
a-2228-27979-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27979).	Medication_Allergy_V3-code-errors	@sdtc:valueSet
a-2228-28048-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28048).	Device-Adverse-Event-V3-errors	@classCode='OBS'
a-2228-28047-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28047).	Device-Adverse-Event-V3-errors	@moodCode='EVN'
a-2228-28049-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28049).	Device-Adverse-Event-V3-errors	not(@negationInd)
a-2228-12106-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12106) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.5" (CONF:2228-26942) SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27029).	Device-Adverse-Event-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.5'][@extension='2016-02-01'])=1
a-2228-12111-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-12111).	Device-Adverse-Event-V3-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-12112-error	SHALL contain exactly one [1..1] participant (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:2228-12112) such that it SHALL contain exactly one [1..1] @typeCode="PRD" product (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12113). SHALL contain exactly one [1..1] participantRole (CONF:2228-12114). This participantRole SHALL contain exactly one [1..1] @classCode="MANU" manufactured product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12115). This participantRole SHALL contain exactly one [1..1] playingDevice (CONF:2228-12116). This playingDevice SHALL contain exactly one [1..1] @classCode (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:2228-12117). This playingDevice SHALL contain exactly one [1..1] code (CONF:2228-12118). This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27582).	Device-Adverse-Event-V3-errors	count(cda:participant[@typeCode='PRD'][count(cda:participantRole[@classCode='MANU'][count(cda:playingDevice[@classCode][count(cda:code[@sdtc:valueSet])=1])=1])=1])=1
a-2228-27123-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-12119) such that it SHALL contain exactly one [1..1] @typeCode="MFST" is manifestation of (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-12122). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-12123). SHALL contain exactly one [1..1] templateId (CONF:1140-11332) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.85" (CONF:1140-11333). SHALL contain exactly one [1..1] @extension="2014-12-01" (CONF:1140-27008).	Device-Adverse-Event-V3-errors	count(cda:entryRelationship[@typeCode='MFST'][@inversionInd='true'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.85'][@extension='2014-12-01']])=1])=1
a-2228-12189-error	This value SHALL contain exactly one [1..1] @code="420134006" propensity to adverse reactions, which SHALL be selected from CodeSystem SNOMED CT (urn:oid:2.16.840.1.113883.6.96) (CONF:2228-12189).	Device-Adverse-Event-V3-value-errors	@code='420134006'
a-81-10127-e-error	SHALL be precise to the day (CONF:81-10127).	US-Realm-Date-and-Time-effectiveTime-errors	string-length(@value)>=8
a-81-10127-t-error	SHALL be precise to the day (CONF:81-10127).	US-Realm-Date-and-Time-errors	string-length(@value)>=8
a-3265-12796-error	SHALL contain exactly one [1..1] templateId (CONF:3265-12796) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.2.1" (CONF:3265-12797). SHALL contain exactly one [1..1] @extension="2016-08-01" (CONF:3265-28405).	Patient_data_section_QDM-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.2.1'][@extension='2016-08-01'])=1
a-1198-14851-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-14851).	Deceased-Observation-errors	@classCode='OBS'
a-1198-14852-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-14852).	Deceased-Observation-errors	@moodCode='EVN'
a-1198-14871-error	SHALL contain exactly one [1..1] templateId (CONF:1198-14871) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.79" (CONF:1198-14872) SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32541).	Deceased-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.79'][@extension='2015-08-01'])=1
a-1198-14873-error	SHALL contain at least one [1..*] id (CONF:1198-14873).	Deceased-Observation-errors	count(cda:id)>=1
a-1198-14854-error	SHALL contain exactly one [1..1] statusCode (CONF:1198-14854).	Deceased-Observation-errors	count(cda:statusCode)=1
a-1198-14853-error	SHALL contain exactly one [1..1] code (CONF:1198-14853).	Deceased-Observation-errors	count(cda:code)=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1198-14855-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1198-14855).	Deceased-Observation-errors	count(cda:effectiveTime)=1
a-1198-14857-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:1198-14857).	Deceased-Observation-errors	count(cda:value[@xsi:type='CD'])=1
a-1198-19135-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:1198-19135).	Deceased-Observation-code-errors	@code='ASSERTION'
a-1198-32158-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1198-32158).	Deceased-Observation-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-1198-19095-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1198-19095).	Deceased-Observation-statusCode-errors	@code='completed'
a-1198-15142-error	This value SHALL contain exactly one [1..1] @code="419099009" Dead (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96 STATIC) (CONF:1198-15142).	Deceased-Observation-value-errors	@code='419099009'
a-1198-14874-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:1198-14874).	Deceased-Observation-effectiveTime-errors	count(cda:low)=1
a-2228-11245-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-11245).	Care-Goal-V3-errors	@classCode='OBS'
a-2228-11246-error	SHALL contain exactly one [1..1] @moodCode="GOL" goal (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11246).	Care-Goal-V3-errors	@moodCode='GOL'
a-2228-28040-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28040).	Care-Goal-V3-errors	not(@negationInd)
a-2228-11247-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11247) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.1" (CONF:2228-11248). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27067).	Care-Goal-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.1'][@extension='2016-02-01'])=1
a-2228-27576-error	SHALL contain exactly one [1..1] code (CONF:2228-27576).	Care-Goal-V3-errors	count(cda:code)=1
a-2228-11255-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11255).	Care-Goal-V3-errors	count(cda:effectiveTime)=1
a-2228-27577-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27577).	Care-Goal-V3-code-errors	@sdtc:valueSet
a-2228-27557-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-27557).	Care-Goal-V3-effectiveTime-errors	count(cda:low)=1
a-1098-9002-error	SHALL contain exactly one [1..1] @classCode="MANU" (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110 STATIC) (CONF:1098-9002).	Immunization_medication_information-errors	@classCode='MANU'
a-1098-9004-error	SHALL contain exactly one [1..1] templateId (CONF:1098-9004) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.54" (CONF:1098-10499). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32602).	Immunization_medication_information-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.54'][@extension='2014-06-09'])=1
a-1098-9006-error	SHALL contain exactly one [1..1] manufacturedMaterial (CONF:1098-9006).	Immunization_medication_information-errors	count(cda:manufacturedMaterial)=1
a-1098-9007-error	This manufacturedMaterial SHALL contain exactly one [1..1] code, which SHALL be selected from ValueSet CVX Vaccines Administered - Vaccine Set urn:oid:2.16.840.1.113762.1.4.1010.6 DYNAMIC (CONF:1098-9007).	Immunization_medication_information-manufacturedMaterial-errors	count(cda:code)=1
a-1098-9014-error	This manufacturedMaterial SHALL contain exactly one [1..1] lotNumberText (CONF:1098-9014).	Immunization_medication_information-manufacturedMaterial-errors	count(cda:lotNumberText)=1
a-2228-27323-error	SHALL contain exactly one [1..1] @classCode="PROC" Procedure (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27323).	Procedure-Order-errors	@classCode='PROC'
a-2228-11097-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-11097).	Procedure-Order-errors	@moodCode='RQO'
a-2228-11098-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11098) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.63" (CONF:2228-11099). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27083).	Procedure-Order-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.63'][@extension='2016-02-01'])=1
a-2228-27324-error	SHALL contain exactly one [1..1] code (CONF:2228-27324).	Procedure-Order-errors	count(cda:code)=1
a-2228-27346-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27346).	Procedure-Order-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27330-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27330).	Procedure-Order-code-errors	@sdtc:valueSet
a-2228-27325-error	The priorityCode, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27325).	Procedure-Order-priorityCode-errors	@sdtc:valueSet
a-2228-27326-error	The methodCode, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27326).	Procedure-Order-methodCode-errors	@sdtc:valueSet
a-2228-27331-error	The approachSiteCode, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27331).	Procedure-Order-approachSiteCode-errors	@sdtc:valueSet
a-2228-27733-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27733).	Procedure-Order-targetSiteCode-translation-errors	@sdtc:valueSet

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1198-32921-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-32921).	Criticality-Observation-errors	@classCode='OBS'
a-1198-32922-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-32922).	Criticality-Observation-errors	@moodCode='EVN'
a-1198-32918-error	SHALL contain exactly one [1..1] templateId (CONF:1198-32918) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.145" (CONF:1198-32923).	Criticality-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.145'][not(@extension)])=1
a-1198-32919-error	SHALL contain exactly one [1..1] code (CONF:1198-32919).	Criticality-Observation-errors	count(cda:code)=1
a-1198-32920-error	SHALL contain exactly one [1..1] statusCode (CONF:1198-32920).	Criticality-Observation-errors	count(cda:statusCode)=1
a-1198-32928-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Criticality Observation urn:oid:2.16.840.1.11.20549 STATIC 2015-08-01 (CONF:1198-32928).	Criticality-Observation-errors	count(cda:value[@xsi:type='CD' and @code=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.1.11.20549']/voc:code/@value or @nullFlavor])=1
a-1198-32925-error	This code SHALL contain exactly one [1..1] @code="82606-5" Criticality (CONF:1198-32925).	Criticality-Observation-code-errors	@code='82606-5'
a-1198-32926-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1198-32926).	Criticality-Observation-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-1198-32927-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1198-32927).	Criticality-Observation-statusCode-errors	@code='completed'
a-2228-28469-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28469).	Encounter-Order-Act-errors	@classCode='ACT'
a-2228-28470-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28470).	Encounter-Order-Act-errors	@moodCode='RQO'
a-2228-28467-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28467) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.132" (CONF:2228-28471).	Encounter-Order-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.132'][not(@extension)])=1
a-2228-28472-error	SHALL contain at least one [1..*] id (CONF:2228-28472).	Encounter-Order-Act-errors	count(cda:id)>=1
a-2228-28675-error	SHALL contain exactly one [1..1] code (CONF:2228-28675).	Encounter-Order-Act-errors	count(cda:code)=1
a-2228-28468-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28468) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28473). SHALL contain exactly one [1..1] Encounter Order (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.22:2016-02-01) (CONF:2228-28474).	Encounter-Order-Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:encounter[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.22'][@extension='2016-02-01']])=1])=1
a-2228-28676-error	This code SHALL contain exactly one [1..1] @code="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28676).	Encounter-Order-Act-code-errors	@code='ENC'
a-2228-28053-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28053).	Device-Intolerance-errors	@classCode='OBS'
a-2228-28054-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28054).	Device-Intolerance-errors	@moodCode='EVN'
a-2228-28055-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28055).	Device-Intolerance-errors	not(@negationInd)
a-2228-12162-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12162) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.8" (CONF:2228-26940). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27034).	Device-Intolerance-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.8'][@extension='2016-02-01'])=1
a-2228-12342-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-12342).	Device-Intolerance-errors	count(cda:value[@xsi:type='CD'])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-12170-error	SHALL contain exactly one [1..1] participant (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:2228-12170) such that it SHALL contain exactly one [1..1] @typeCode="PRD" product (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12171). SHALL contain exactly one [1..1] participantRole (CONF:2228-12172). This participantRole SHALL contain exactly one [1..1] @classCode="MANU" manufactured product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12173). This participantRole SHALL contain exactly one [1..1] playingDevice (CONF:2228-12174). This playingDevice SHALL contain exactly one [1..1] @classCode="DEV" device (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12175). This playingDevice SHALL contain exactly one [1..1] code (CONF:2228-12176). This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27585).	Device-Intolerance-errors	count(cda:participant[@typeCode='PRD'][count(cda:participantRole[@classCode='MANU'][count(cda:playingDevice[@classCode='DEV'][count(cda:code[@sdtc:valueSet]=1)]=1)]=1)]=1)=1
a-2228-26936-error	This value SHALL contain exactly one [1..1] @code="420134006" propensity to adverse reactions (CONF:2228-26936).	Device-Intolerance-value-errors	@code='420134006'
a-2228-26937-error	This value SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-26937).	Device-Intolerance-value-errors	@codeSystem='2.16.840.1.113883.6.96'
a-67-12979-error	SHALL contain exactly one [1..1] @classCode="CLUSTER" cluster (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:67-12979).	Measure_Reference-errors	@classCode='CLUSTER'
a-67-12980-error	SHALL contain exactly one [1..1] @moodCode="EVN" event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:67-12980).	Measure_Reference-errors	@moodCode='EVN'
a-67-19532-error	SHALL contain exactly one [1..1] templateId (CONF:67-19532) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.98" (CONF:67-19533).	Measure_Reference-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.98'][not(@extension)]) = 1
a-67-26992-error	SHALL contain at least one [1..*] id (CONF:67-26992).	Measure_Reference-errors	count(cda:id) > 0
a-67-12981-error	SHALL contain exactly one [1..1] statusCode="completed" completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:67-12981).	Measure_Reference-errors	count(cda:statusCode[@code='completed'])=1
a-67-12982-error	SHALL contain exactly one [1..1] reference (CONF:67-12982) such that it SHALL contain exactly one [1..1] @typeCode="REFR" refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 STATIC) (CONF:67-12983). SHALL contain exactly one [1..1] externalDocument (CONF:67-12984).	Measure_Reference-errors	count(cda:reference[@typeCode='REFR'][count(cda:externalDocument)=1])=1
a-67-19534-error	This externalDocument SHALL contain exactly one [1..1] @classCode="DOC" Document (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:67-19534).	Measure_Reference-externalDocument-errors	@classCode='DOC'
a-67-12985-error	This externalDocument SHALL contain at least one [1..*] id (CONF:67-12985) such that it SHALL contain exactly one [1..1] @root (CONF:67-12986). This ID references an ID of the Quality Measure (CONF:67-27008).	Measure_Reference-externalDocument-errors	count(cda:id[@root]) > 0
a-2228-28477-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28477).	Encounter-Performed-Act-errors	@classCode='ACT'
a-2228-28478-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28478).	Encounter-Performed-Act-errors	@moodCode='EVN'
a-2228-28475-error	SHALL contain exactly one [1..1] templateId (CONF:2228-28475) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.133" (CONF:2228-28479).	Encounter-Performed-Act-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.133'][not(@extension)])=1
a-2228-28480-error	SHALL contain at least one [1..*] id (CONF:2228-28480).	Encounter-Performed-Act-errors	count(cda:id)>=1
a-2228-28673-error	SHALL contain exactly one [1..1] code (CONF:2228-28673).	Encounter-Performed-Act-errors	count(cda:code)=1
a-2228-28476-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28476) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28481). SHALL contain exactly one [1..1] Encounter Performed (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.23:2016-02-01) (CONF:2228-28482).	Encounter-Performed-Act-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:encounter[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.23'][@extension='2016-02-01']])=1])=1
a-2228-28674-error	This code SHALL contain exactly one [1..1] @code="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28674).	Encounter-Performed-Act-code-errors	@code='ENC'
a-2228-16379-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-16379).	Act_intolerance_Adverse_Event_V3-errors	@classCode='OBS'
a-2228-16380-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-16380).	Act_intolerance_Adverse_Event_V3-errors	@moodCode='EVN'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-28039-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28039).	Act_intolerance_Adverse_Event_V3-errors	not(@negationInd)
a-2228-16381-error	SHALL contain exactly one [1..1] templateId (CONF:2228-16381) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.104" (CONF:2228-16382). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27010).	Act_intolerance_Adverse_Event_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.104'][@extension='2016-02-01'])=1
a-2228-16384-error	SHALL contain at least one [1..*] id (CONF:2228-16384).	Act_intolerance_Adverse_Event_V3-errors	count(cda:id) > 0
a-2228-16385-error	SHALL contain exactly one [1..1] code (CONF:2228-16385).	Act_intolerance_Adverse_Event_V3-errors	count(cda:code)=1
a-2228-16387-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-16387).	Act_intolerance_Adverse_Event_V3-errors	count(cda:statusCode)=1
a-2228-16389-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-16389).	Act_intolerance_Adverse_Event_V3-errors	count(cda:effectiveTime)=1
a-2228-16406-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-16406).	Act_intolerance_Adverse_Event_V3-errors	count(cda:value[@xsi:type='CD'])=1
a-2228-16392-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-16392) such that it SHALL contain exactly one [1..1] @typeCode="CAUS" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-16393). SHALL contain exactly one [1..1] @inversionInd="true" (CONF:2228-16394).	Act_intolerance_Adverse_Event_V3-errors	count(cda:entryRelationship[@typeCode='CAUS'][@inversionInd='true'])=1
a-2228-16386-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:2228-16386).	Act_intolerance_Adverse_Event_V3-code-errors	@code='ASSERTION'
a-2228-27575-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:2228-27575).	Act_intolerance_Adverse_Event_V3-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-2228-16388-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-16388).	Act_intolerance_Adverse_Event_V3-statusCode-errors	@code='completed'
a-2228-16390-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-16390).	Act_intolerance_Adverse_Event_V3-effectiveTime-errors	count(cda:low)=1
a-2228-16407-error	This value SHALL contain exactly one [1..1] @code, which MAY be selected from ValueSet Allergy and Intolerance Type urn:oid:2.16.840.1.113883.3.88.12.3221.6.2 DYNAMIC (CONF:2228-16407).	Act_intolerance_Adverse_Event_V3-value-errors	@code
a-2228-27377-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27377).	Medication_Order-errors	@classCode='SBADM'
a-2228-12639-error	SHALL contain exactly one [1..1] @moodCode="RQO" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12639).	Medication_Order-errors	@moodCode='RQO'
a-2228-12585-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12585) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.47" (CONF:2228-12586). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27089).	Medication_Order-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.47'][@extension='2016-02-01']) = 1
a-2228-27740-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-27740) such that it SHALL contain exactly one [1..1] low (CONF:2228-27742).	Medication_Order-errors	count(cda:effectiveTime[count(cda:low)=1]) = 1
a-2228-27741-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-27741) such that it SHALL contain exactly one [1..1] period (CONF:2228-27744).	Medication_Order-errors	count(cda:effectiveTime[count(cda:period)=1]) = 1
a-2228-27745-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27745).	Medication_Order-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27737-error	The translation, if present, SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27737).	Medication_Order-may-routeCode-errors	@sdtc:valueSet
a-2228-14086-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-14086).	Medication_Intolerance_V3-errors	@classCode='OBS'
a-2228-14087-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-14087).	Medication_Intolerance_V3-errors	@moodCode='EVN'
a-2228-28083-error	SHALL NOT contain [0..0] @negationInd (CONF:2228-28083).	Medication_Intolerance_V3-errors	not(@negationInd)
a-2228-14088-error	SHALL contain exactly one [1..1] templateId (CONF:2228-14088) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.46" (CONF:2228-27418). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27032).	Medication_Intolerance_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.46'][@extension='2016-02-01']) = 1
a-2228-14162-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:2228-14162).	Medication_Intolerance_V3-errors	count(cda:value[@xsi:type='CD']) = 1
a-2228-27980-error	SHALL contain exactly one [1..1] participant (CONF:2228-27980) such that it SHALL contain exactly one [1..1] @typeCode="CSM" Consumable (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:2228-27984). SHALL contain exactly one [1..1] participantRole (CONF:2228-27981).	Medication_Intolerance_V3-errors	count(cda:participant[@typeCode='CSM'][count(cda:participantRole)=1])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-27419-error	This value SHALL contain exactly one [1..1] @code="59037007" Drug intolerance (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:2228-27419).	Medication_Intolerance_V3-value-errors	@code='59037007'
a-2228-27985-error	This participantRole SHALL contain exactly one [1..1] @classCode="MANU" Manufactured product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110) (CONF:2228-27985).	Medication_Intolerance_V3-participantRole-errors	@classCode='MANU'
a-2228-27982-error	This participantRole SHALL contain exactly one [1..1] playingEntity (CONF:2228-27982).	Medication_Intolerance_V3-participantRole-errors	count(cda:playingEntity)=1
a-2228-27986-error	This playingEntity SHALL contain exactly one [1..1] @classCode="MMAT" Manufactured material (CodeSystem: EntityClass urn:oid:2.16.840.1.113883.5.41) (CONF:2228-27986).	Medication_Intolerance_V3-playingEntity-errors	@classCode='MMAT'
a-2228-27983-error	This playingEntity SHALL contain exactly one [1..1] code (CONF:2228-27983).	Medication_Intolerance_V3-playingEntity-errors	count(cda:code)=1
a-2228-27987-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27987).	Medication_Intolerance_V3-code-errors	@sdtc:valueSet
a-1198-9041-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-9041).	Problem-Observation-errors	@classCode='OBS'
a-1198-9042-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-9042).	Problem-Observation-errors	@moodCode='EVN'
a-1198-14926-error	SHALL contain exactly one [1..1] templateId (CONF:1198-14926) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.22.4.4" (CONF:1198-14927). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32508).	Problem-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.4'][@extension='2015-08-01'])=1
a-1198-9043-error	SHALL contain at least one [1..*] id (CONF:1198-9043).	Problem-Observation-errors	count(cda:id) >= 1
a-1198-9045-error	SHALL contain exactly one [1..1] code, which SHOULD be selected from ValueSet Problem Type urn:oid:2.16.840.1.113883.3.88.12.3221.7.2 STATIC 2012-06-01 (CONF:1198-9045).	Problem-Observation-errors	count(cda:code)=1
a-1198-9049-error	SHALL contain exactly one [1..1] statusCode (CONF:1198-9049).	Problem-Observation-errors	count(cda:statusCode)=1
a-1198-9050-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1198-9050).	Problem-Observation-errors	count(cda:effectiveTime)=1
a-1198-9058-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHOULD be selected from ValueSet Problem urn:oid:2.16.840.1.113883.3.88.12.3221.7.4 DYNAMIC (CONF:1198-9058).	Problem-Observation-errors	count(cda:value[@xsi:type='CD'])=1
a-1198-32848-error	This code SHALL contain 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 2014-09-02 (CONF:1198-32848).	Problem-Observation-code-errors	count(cda:translation) >= 1
a-1198-19112-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1198-19112).	Problem-Observation-statusCode-errors	@code='completed'
a-1198-15603-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:1198-15603).	Problem-Observation-effectiveTime-errors	count(cda:low)=1
a-1098-8572-error	SHALL contain exactly one [1..1] @classCode="SBADM" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-8572).	Planned-Medication-Activity-errors	@classCode='SBADM'
a-1098-8573-error	SHALL contain exactly one [1..1] @moodCode, which SHALL be selected from ValueSet Planned moodCode (SubstanceAdministration/Supply) urn:oid:2.16.840.1.113883.11.20.9.24 STATIC 2011-09-30 (CONF:1098-8573).	Planned-Medication-Activity-errors	@moodCode and @moodCode=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.11.20.9.24']/voc:code/@value
a-1098-30465-error	SHALL contain exactly one [1..1] templateId (CONF:1098-30465) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.42" (CONF:1098-30466). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32557).	Planned-Medication-Activity-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.42'][@extension='2014-06-09'])=1
a-1098-8575-error	SHALL contain at least one [1..*] id (CONF:1098-8575).	Planned-Medication-Activity-errors	count(cda:id) >= 1
a-1098-32087-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-32087).	Planned-Medication-Activity-errors	count(cda:statusCode)=1
a-1098-30468-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-30468).	Planned-Medication-Activity-errors	count(cda:effectiveTime)>=1
a-1098-32082-error	SHALL contain exactly one [1..1] consumable (CONF:1098-32082).	Planned-Medication-Activity-errors	count(cda:consumable)=1
a-1098-32088-error	This statusCode SHALL contain exactly one [1..1] @code="active" Active (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:1098-32088).	Planned-Medication-Activity-statusCode-errors	@code='active'
a-1098-32083-error	This consumable SHALL contain exactly one [1..1] Medication Information (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.23:2014-06-09) (CONF:1098-32083).	Planned-Medication-Activity-consumable-errors	count(cda:manufacturedProduct[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.23'][@extension = '2014-06-09']])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-32085-error	The precondition, if present, SHALL contain exactly one [1..1] @typeCode="PRCN" Precondition (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:1098-32085).	Planned-Medication-Activity-precondition-errors	@typeCode='PRCN'
a-1098-32086-error	The precondition, if present, SHALL contain exactly one [1..1] Precondition for Substance Administration (V2) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.25:2014-06-09) (CONF:1098-32086).	Planned-Medication-Activity-precondition-errors	count(cda:criterion[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.25' and @extension = '2014-06-09']])=1
a-2228-27723-error	SHALL contain exactly one [1..1] @classCode="SPLY" Supply (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27723).	Device-Order-V3-errors	@classCode='SPLY'
a-2228-12343-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request, which SHALL be selected from CodeSystem ActMood (urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-12343).	Device-Order-V3-errors	@moodCode='RQO'
a-2228-12344-error	SHALL contain exactly one [1..1] templateId (CONF:2228-12344) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.9" (CONF:2228-12345). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27091).	Device-Order-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.9'][@extension='2016-02-01'])=1
a-2228-27721-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27721).	Device-Order-V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-12349-error	SHALL contain exactly one [1..1] participant (CONF:2228-12349) such that it SHALL contain exactly one [1..1] @typeCode="DEV" device, which SHALL be selected from CodeSystem HL7ParticipationType (urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12350).SHALL contain exactly one [1..1] participantRole (CONF:2228-12351).This participantRole SHALL contain exactly one [1..1] @classCode="MANU" manufactured product, which SHALL be selected from CodeSystem RoleClass (urn:oid:2.16.840.1.113883.5.110) (CONF:2228-12352).This participantRole SHALL contain exactly one [1..1] playingDevice (CONF:2228-12353).This playingDevice SHALL contain exactly one [1..1] @classCode="DEV" device, which SHALL be selected from CodeSystem HL7ParticipationType (urn:oid:2.16.840.1.113883.5.90) (CONF:2228-12354). This playingDevice SHALL contain exactly one [1..1] code (CONF:2228-12355). This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27586).	Device-Order-V3-errors	count(cda:participant[@typeCode='DEV'][count(cda:participantRole[@classCode='MANU'][count(cda:playingDevice[@classCode='DEV'][count(cda:code[@sdtc:valueSet])=1])=1])=1])=1
a-2228-28665-error	This template SHALL be contained by a Device Order Act (CONF:2228-28665).	Device-Order-V3-errors	count(../../cda:templateId[@root='2.16.840.1.113883.10.20.24.3.130'])=1
a-CMS_0001-error	SHALL contain exactly one [1..1] templateId (CONF:CMS_0001) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.1.3" (CONF:CMS_0002). SHALL contain exactly one [1..1] @extension="2017-07-01" (CONF:CMS_0003).	QRDA_Category_I_Report_CMS-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.1.3'][@extension='2017-07-01'])=1
a-3265-16703_C01-error	SHALL contain exactly one [1..1] informationRecipient (CONF:3265-16703_C01).	QRDA_Category_I_Report_CMS-errors	count(cda:informationRecipient)=1
a-1198-10003_C01-error	SHALL contain exactly one [1..1] participant (CONF:1198-10003_C01).	QRDA_Category_I_Report_CMS-errors	count(cda:participant)=1
a-3265-16579_C01-error	SHALL contain exactly one [1..1] documentationOf (CONF:3265-16579_C01) such that it SHALL contain exactly one [1..1] serviceEvent (CONF:3265-16580).	QRDA_Category_I_Report_CMS-errors	count(cda:documentationOf[count(cda:serviceEvent)=1])=1
a-CMS_0010-error	This languageCode SHALL contain exactly one [1..1] @code="en" (CONF:CMS_0010).	QRDA_Category_I_Report_CMS-languageCode-errors	@code='en'
a-CMS_0009-error	This patientRole SHALL contain exactly one [1..1] id (CONF:CMS_0009) such that it SHALL contain exactly one [1..1] @root (CONF:CMS_0053). SHALL contain exactly one [1..1] @extension (CONF:CMS_0103).	QRDA_Category_I_Report_CMS-recordTarget-patientRole-errors	count(cda:id[@root!='2.16.840.1.113883.4.572'][@root!='2.16.840.1.113883.4.927'][@extension])=1
a-1198-5284_C01-error	This patient 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:1198-5284_C01).	QRDA_Category_I_Report_CMS-recordTarget-patientRole-patient-errors	count(cda:name)=1
a-CMS_0011-error	This patient SHALL contain exactly one [1..1] administrativeGenderCode, which SHALL be selected from ValueSet ONC Administrative Sex urn:oid:2.16.840.1.113762.1.4.1 DYNAMIC (CONF:CMS_0011).	QRDA_Category_I_Report_CMS-recordTarget-patientRole-patient-errors	count(cda:administrativeGenderCode)=1
a-CMS_0013-error	This patient SHALL contain exactly one [1..1] raceCode, which SHALL be selected from ValueSet Race urn:oid:2.16.840.1.114222.4.11.836 DYNAMIC (CONF:CMS_0013).	QRDA_Category_I_Report_CMS-recordTarget-patientRole-patient-errors	count(cda:raceCode)=1
a-1198-5300_C01-error	SHALL be precise to day (CONF:1198-5300_C01).	QRDA_Category_I_Report_CMS-recordTarget-patientRole-patient-birthTime-errors	string-length(@value)>=8
a-3265-28241_C01-error	This representedCustodianOrganization SHALL contain exactly one [1..1] id (CONF:3265-28241_C01) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.4.336" CMS Certification Number (CONF:3265-28244). SHALL contain exactly one [1..1] @extension (CONF:3265-28245).	QRDA_Category_I_Report_CMS-custodian-assignedCustodian-representedCustodianOrganization-errors	count(cda:id[@root='2.16.840.1.113883.4.336'][@extension])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-CMS_0035-error	CCN SHALL be six to ten characters in length (CONF:CMS_0035).	QRDA_Category_I_Report_CMS-custodian-representedCustodianOrganization-id-errors	string-length(normalize-space(@extension)) >= 6 and string-length(normalize-space(@extension)) <= 10
a-3265-16705_C01-error	This intendedRecipient SHALL contain exactly one [1..1] id (CONF:3265-16705_C01).	QRDA_Category_I_Report_CMS-informationRecipient-intendedRecipient-errors	count(cda:id)=1
a-CMS_0025-error	This id SHALL contain exactly one [1..1] @root="2.16.840.1.113883.3.249.7" (CONF:CMS_0025).	QRDA_Category_I_Report_CMS-informationRecipient-intendedRecipient-id-errors	@root='2.16.840.1.113883.3.249.7'
a-CMS_0026-error	This id SHALL contain exactly one [1..1] @extension, which SHALL be selected from ValueSet QRDA-I CMS Program Name urn:oid:2.16.840.1.113883.3.249.14.103 STATIC 2016-07-01 (CONF:CMS_0026).	QRDA_Category_I_Report_CMS-informationRecipient-intendedRecipient-id-errors	@extension=document('voc.xml')/voc:systems/voc:system[@valueSetOid='2.16.840.1.113883.3.249.14.103']/voc:code/@value
a-CMS_0004-error	This participant SHALL contain exactly one [1..1] associatedEntity (CONF:CMS_0004).	QRDA_Category_I_Report_CMS-participant-errors	count(cda:associatedEntity)=1
a-CMS_0005-error	This associatedEntity SHALL contain exactly one [1..1] id (CONF:CMS_0005).	QRDA_Category_I_Report_CMS-participant-associatedEntity-errors	count(cda:id)=1
a-CMS_0006-error	This id SHALL contain exactly one [1..1] @root="2.16.840.1.113883.3.2074.1" CMS EHR Certification Identification Number (CONF:CMS_0006).	QRDA_Category_I_Report_CMS-participant-associatedEntity-id-errors	@root='2.16.840.1.113883.3.2074.1'
a-CMS_0008-error	This id SHALL contain exactly one [1..1] @extension (CONF:CMS_0008).	QRDA_Category_I_Report_CMS-participant-associatedEntity-id-errors	@extension
a-3265-16581-error	This serviceEvent SHALL contain exactly one [1..1] @classCode="PCPR" Care Provision (CONF:3265-16581).	QRDA_Category_I_Report_CMS-documentationOf-serviceEvent-errors	@classCode='PCPR'
a-3265-16583-error	This serviceEvent SHALL contain at least one [1..*] performer (CONF:3265-16583).	QRDA_Category_I_Report_CMS-documentationOf-serviceEvent-errors	count(cda:performer) > 0
a-3265-16584-error	Such performers SHALL contain exactly one [1..1] @typeCode="PRF" Performer (CONF:3265-16584).	QRDA_Category_I_Report_CMS-documentationOf-serviceEvent-performer-errors	@typeCode='PRF'
a-3265-16586-error	Such performers SHALL contain exactly one [1..1] assignedEntity (CONF:3265-16586).	QRDA_Category_I_Report_CMS-documentationOf-serviceEvent-performer-errors	count(cda:assignedEntity)=1
a-3265-16591-error	This assignedEntity SHALL contain exactly one [1..1] representedOrganization (CONF:3265-16591).	QRDA_Category_I_Report_CMS-documentationOf-serviceEvent-performer-assignedEntity-errors	count(cda:representedOrganization)=1
a-2228-16593-error	The id, if present, SHALL contain exactly one [1..1] @root="2.16.840.1.113883.4.2" Tax ID Number (CONF:2228-16593).	QRDA_Category_I_Report_CMS-documentationOf-serviceEvent-performer-assignedEntity-representedOrganization-id-errors	@root='2.16.840.1.113883.4.2'
a-3325-28474-error	This structuredBody SHALL exactly one [1..1] component (CONF:3325-28474) such that it SHALL contain exactly one [1..1] Reporting Parameters Section - CMS (identifier: urn:hl7ii:2.16.840.1.113883.10.20.17.2.1.1:2016-03-01) (CONF:3325-28475).	QRDA_Category_I_Report_CMS-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.17.2.1.1'][@extension='2016-03-01']])=1])=1
a-3325-28476-error	This structuredBody SHALL contain at least one [1..*] component (CONF:3325-28476) such that it SHALL contain exactly one [1..1] Patient Data Section QDM (V4) - CMS (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.2.1.1:2017-07-01) (CONF:3325-28477).	QRDA_Category_I_Report_CMS-component-structuredBody-errors	count(cda:component[count(cda:section[cda:templateId[@root='2.16.840.1.113883.10.20.24.2.1.1'][@extension='2017-07-01']])=1]) > 0
a-1098-7379-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7379).	Allergy_intolerance_V2-errors	@classCode='OBS'
a-1098-7380-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7380).	Allergy_intolerance_V2-errors	@moodCode='EVN'
a-1098-7381-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7381) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.7" (CONF:1098-10488). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32526).	Allergy_intolerance_V2-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.7'][@extension='2014-06-09'])=1
a-1098-7382-error	SHALL contain at least one [1..*] id (CONF:1098-7382).	Allergy_intolerance_V2-errors	count(cda:id) > 0
a-1098-15947-error	SHALL contain exactly one [1..1] code (CONF:1098-15947).	Allergy_intolerance_V2-errors	count(cda:code)=1
a-1098-19084-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-19084).	Allergy_intolerance_V2-errors	count(cda:statusCode)=1
a-1098-7387-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1098-7387).	Allergy_intolerance_V2-errors	count(cda:effectiveTime)=1
a-1098-7390-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Allergy and Intolerance Type urn:oid:2.16.840.1.113883.3.88.12.3221.6.2 DYNAMIC (CONF:1098-7390).	Allergy_intolerance_V2-errors	count(cda:value[@xsi:type='CD'])=1

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1098-7402-error	SHALL contain exactly one [1..1] participant (CONF:1098-7402) such that it SHALL contain exactly one [1..1] @typeCode="CSM" Consumable (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90 STATIC) (CONF:1098-7403). SHALL contain exactly one [1..1] participantRole (CONF:1098-7404). This participantRole SHALL contain exactly one [1..1] @classCode="MANU" Manufactured Product (CodeSystem: RoleClass urn:oid:2.16.840.1.113883.5.110 STATIC) (CONF:1098-7405). This participantRole SHALL contain exactly one [1..1] playingEntity (CONF:1098-7406). This playingEntity SHALL contain exactly one [1..1] @classCode="MMAT" Manufactured Material (CodeSystem: EntityClass urn:oid:2.16.840.1.113883.5.41 STATIC) (CONF:1098-7407). This playingEntity SHALL contain exactly one [1..1] code, which SHALL be selected from ValueSet Substance-Reactant for Intolerance urn:oid:2.16.840.1.113762.1.4.1010.1 DYNAMIC (CONF:1098-7419).	Allergy_intolerance_V2-errors	count(cda:participant[@typeCode='CSM'][count(cda:participantRole[@classCode='MANU'][count(cda:playingEntity[@classCode='MMAT'][count(cda:code)=1])=1])=1])=1
a-1098-15948-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" Assertion (CONF:1098-15948).	Allergy_intolerance_V2-code-errors	@code='ASSERTION'
a-1098-32153-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1098-32153).	Allergy_intolerance_V2-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-1098-19085-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1098-19085).	Allergy_intolerance_V2-statusCode-errors	@code='completed'
a-1098-31538-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:1098-31538).	Allergy_intolerance_V2-effectiveTime-errors	count(cda:low)=1
a-1140-11332-error	SHALL contain exactly one [1..1] templateId (CONF:1140-11332) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.85" (CONF:1140-11333). SHALL contain exactly one [1..1] @extension="2014-12-01" (CONF:1140-27008).	Reaction-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.85'][@extension='2014-12-01'])=1
a-1140-11370-error	SHALL contain exactly one [1..1] effectiveTime (CONF:1140-11370).	Reaction-errors	count(cda:effectiveTime)=1
a-1140-27306-error	SHALL contain exactly one [1..1] value with @xsi:type="CD" (CONF:1140-27306).	Reaction-errors	count(cda:value)=1
a-1140-27307-error	This value SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:1140-27307).	Reaction-value-errors	@sdtc:valueSet
a-2228-27406-error	SHALL contain exactly one [1..1] @classCode="OBS" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27406).	Diagnostic-Study-Recommended-errors	@classCode='OBS'
a-2228-13392-error	SHALL contain exactly one [1..1] @moodCode="INT" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13392).	Diagnostic-Study-Recommended-errors	@moodCode='INT'
a-2228-13393-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13393) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.19" (CONF:2228-13394). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-27070).	Diagnostic-Study-Recommended-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.19'][@extension='2016-02-01'])=1
a-2228-27619-error	SHALL contain exactly one [1..1] code (CONF:2228-27619).	Diagnostic-Study-Recommended-errors	count(cda:code)=1
a-2228-13400-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-13400).	Diagnostic-Study-Recommended-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']])=1
a-2228-27620-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27620).	Diagnostic-Study-Recommended-code-errors	@sdtc:valueSet
a-1198-14889-error	SHALL contain exactly one [1..1] @classCode="ACT" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1198-14889).	Encounter-Diagnosis-errors	@classCode='ACT'
a-1198-14890-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1198-14890).	Encounter-Diagnosis-errors	@moodCode='EVN'
a-1198-14895-error	SHALL contain exactly one [1..1] templateId (CONF:1198-14895) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.80" (CONF:1198-14896). SHALL contain exactly one [1..1] @extension="2015-08-01" (CONF:1198-32542).	Encounter-Diagnosis-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.80'][@extension='2015-08-01'])=1
a-1198-19182-error	SHALL contain exactly one [1..1] code (CONF:1198-19182).	Encounter-Diagnosis-errors	count(cda:code)=1
a-1198-14892-error	SHALL contain at least one [1..*] entryRelationship (CONF:1198-14892) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002 STATIC) (CONF:1198-14893). SHALL contain exactly one [1..1] Problem Observation (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.4:2015-08-01) (CONF:1198-14898).	Encounter-Diagnosis-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:observation[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.4'][@extension='2015-08-01']])=1])>0
a-1198-19183-error	This code SHALL contain exactly one [1..1] @code="29308-4" Diagnosis (CONF:1198-19183).	Encounter-Diagnosis-code-errors	@code='29308-4'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-1198-32160-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:1198-32160).	Encounter-Diagnosis-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-67-12801-error	SHALL contain exactly one [1..1] templateId (CONF:67-12801) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.2.2" (CONF:67-12802).	Measure-section-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.2.2'][not(@extension)])=1
a-67-12798-error	SHALL contain exactly one [1..1] code (CONF:67-12798).	Measure-section-errors	count(cda:code)=1
a-67-12799-error	SHALL contain exactly one [1..1] title="Measure Section" (CONF:67-12799).	Measure-section-errors	count(cda:title[translate(text(), 'ABCDEFGHIJKLMNOPQRSTUVWXYZ', 'abcdefghijklmnopqrstuvwxyz')='measure section'])=1
a-67-12800-error	SHALL contain exactly one [1..1] text (CONF:67-12800).	Measure-section-errors	count(cda:text)=1
a-67-13003-error	SHALL contain at least one [1..*] entry (CONF:67-13003) such that it SHALL contain exactly one [1..1] Measure Reference (identifier: urn:oid:2.16.840.1.113883.10.20.24.3.98) (CONF:67-16677).	Measure-section-errors	count(cda:entry[cda:organizer[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.98']]]) > 0
a-67-19230-error	This code SHALL contain exactly one [1..1] @code="55186-1" Measure Section (CONF:67-19230).	Measure-section-code-errors	@code='55186-1'
a-67-27012-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.1" (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:67-27012).	Measure-section-code-errors	@codeSystem='2.16.840.1.113883.6.1'
a-81-9371-error	The content of name SHALL be either a conformant Patient Name (PTN.US.FIELDED), or a string (CONF:81-9371).	US-Realm-Person-Name-name-errors	(cda:given and cda:family) or (count(../cda:name/*)=0 and string-length(../cda:name/text()[normalize-space()])!=0)
a-81-9372-error	The string SHALL NOT contain name parts (CONF:81-9372).	US-Realm-Person-Name-name-errors	(cda:given and cda:family) or (count(../cda:name/*)=0)
a-67-14559-error	SHALL contain exactly one [1..1] @classCode="PROC" (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:67-14559).	Incision_datetime-errors	@classCode='PROC'
a-67-11401-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:67-11401).	Incision_datetime-errors	@moodCode='EVN'
a-67-11402-error	SHALL contain exactly one [1..1] templateId (CONF:67-11402) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.89" (CONF:67-11403).	Incision_datetime-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.89'][not(@extension)])=1
a-67-26984-error	SHALL contain at least one [1..*] id (CONF:67-26984).	Incision_datetime-errors	count(cda:id) > 0
a-67-14562-error	SHALL contain exactly one [1..1] code (CONF:67-14562).	Incision_datetime-errors	count(cda:code)=1
a-67-14561-error	SHALL contain exactly one [1..1] effectiveTime (CONF:67-14561).	Incision_datetime-errors	count(cda:effectiveTime)=1
a-67-27014-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.6.96" (CodeSystem: SNOMED CT urn:oid:2.16.840.1.113883.6.96) (CONF:67-27014).	Incision_datetime-code-errors	@codeSystem='2.16.840.1.113883.6.96'
a-1098-7325-error	SHALL contain exactly one [1..1] @classCode="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 STATIC) (CONF:1098-7325).	Reaction-Observation-errors	@classCode='OBS'
a-1098-7326-error	SHALL contain exactly one [1..1] @moodCode="EVN" Event (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001 STATIC) (CONF:1098-7326).	Reaction-Observation-errors	@moodCode='EVN'
a-1098-7323-error	SHALL contain exactly one [1..1] templateId (CONF:1098-7323) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.22.4.9" (CONF:1098-10523). SHALL contain exactly one [1..1] @extension="2014-06-09" (CONF:1098-32504).	Reaction-Observation-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.22.4.9'][@extension='2014-06-09'])=1
a-1098-7329-error	SHALL contain at least one [1..*] id (CONF:1098-7329).	Reaction-Observation-errors	count(cda:id) >= 1
a-1098-16851-error	SHALL contain exactly one [1..1] code (CONF:1098-16851).	Reaction-Observation-errors	count(cda:code)=1
a-1098-7328-error	SHALL contain exactly one [1..1] statusCode (CONF:1098-7328).	Reaction-Observation-errors	count(cda:statusCode)=1
a-1098-7335-error	SHALL contain exactly one [1..1] value with @xsi:type="CD", where the code SHALL be selected from ValueSet Problem urn:oid:2.16.840.1.113883.3.88.12.3221.7.4 DYNAMIC (CONF:1098-7335).	Reaction-Observation-errors	count(cda:value[@xsi:type='CD'])=1
a-1098-31124-error	This code SHALL contain exactly one [1..1] @code="ASSERTION" (CONF:1098-31124).	Reaction-Observation-code-errors	@code='ASSERTION'
a-1098-32169-error	This code SHALL contain exactly one [1..1] @codeSystem="2.16.840.1.113883.5.4" (CodeSystem: ActCode urn:oid:2.16.840.1.113883.5.4) (CONF:1098-32169).	Reaction-Observation-code-errors	@codeSystem='2.16.840.1.113883.5.4'
a-1098-19114-error	This statusCode SHALL contain exactly one [1..1] @code="completed" Completed (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14 STATIC) (CONF:1098-19114).	Reaction-Observation-statusCode-errors	@code='completed'
a-2228-27532-error	SHALL contain exactly one [1..1] @classCode="ENC" Encounter (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27532).	Encounter-Performed-errors	@classCode='ENC'

CONFORMANCE ERROR	ERROR MESSAGE	TEMPLATE_ID/TEMPLATE WHERE THE ERROR OCCURRED	CONDITION/WHAT IS EXPECTED
a-2228-27533-error	SHALL contain exactly one [1..1] @moodCode="EVN" (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-27533).	Encounter-Performed-errors	@moodCode='EVN'
a-2228-11861-error	SHALL contain exactly one [1..1] templateId (CONF:2228-11861) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.23" (CONF:2228-11862). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-26552).	Encounter-Performed-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.23'][@extension='2016-02-01'])=1
a-2228-28670-error	SHALL contain at least one [1..*] id (CONF:2228-28670). Such ids SHALL contain exactly one [1..1] @root (CONF:2228-28671).	Encounter-Performed-errors	count(cda:id[@root]) > 0
a-2228-27624-error	SHALL contain exactly one [1..1] code (CONF:2228-27624).	Encounter-Performed-errors	count(cda:code)=1
a-2228-11874-error	SHALL contain exactly one [1..1] statusCode (CONF:2228-11874).	Encounter-Performed-errors	count(cda:statusCode)=1
a-2228-11876-error	SHALL contain exactly one [1..1] effectiveTime (CONF:2228-11876).	Encounter-Performed-errors	count(cda:effectiveTime)=1
a-2228-27625-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27625).	Encounter-Performed-code-errors	@sdtc:valueSet
a-2228-11875-error	This statusCode SHALL contain exactly one [1..1] @code="completed" (CodeSystem: ActStatus urn:oid:2.16.840.1.113883.5.14) (CONF:2228-11875).	Encounter-Performed-statusCode-errors	@code='completed'
a-2228-11877-error	This effectiveTime SHALL contain exactly one [1..1] low (CONF:2228-11877).	Encounter-Performed-effectiveTime-errors	count(cda:low)=1
a-2228-11878-error	This effectiveTime SHALL contain exactly one [1..1] high (CONF:2228-11878).	Encounter-Performed-effectiveTime-errors	count(cda:high)=1
a-2228-28454-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-28454).	Device-Recommended-Act-V3-errors	@classCode='ACT'
a-2228-28455-error	SHALL contain exactly one [1..1] @moodCode="INT" Intent (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-28455).	Device-Recommended-Act-V3-errors	@moodCode='INT'
a-2228-28452-error	SHALL contain at least one [1..*] templateId (CONF:2228-28452) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.131" (CONF:2228-28456).	Device-Recommended-Act-V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.131'][not(@extension)])>0
a-2228-28457-error	SHALL contain at least one [1..*] id (CONF:2228-28457).	Device-Recommended-Act-V3-errors	count(cda:id) >=1
a-2228-28453-error	SHALL contain exactly one [1..1] entryRelationship (CONF:2228-28453) such that it SHALL contain exactly one [1..1] @typeCode="SUBJ" has subject (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:2228-28458). SHALL contain exactly one [1..1] Device Recommended (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.24.3.10:2016-02-01) (CONF:2228-28459).	Device-Recommended-Act-V3-errors	count(cda:entryRelationship[@typeCode='SUBJ'][count(cda:supply[cda:templateId[@root='2.16.840.1.113883.10.20.24.3.10'][@extension = '2016-02-01']])=1])=1
a-2228-27353-error	SHALL contain exactly one [1..1] @classCode="ACT" Act (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6) (CONF:2228-27353).	Intervention_Order_V3-errors	@classCode='ACT'
a-2228-13742-error	SHALL contain exactly one [1..1] @moodCode="RQO" Request (CodeSystem: ActMood urn:oid:2.16.840.1.113883.5.1001) (CONF:2228-13742).	Intervention_Order_V3-errors	@moodCode='RQO'
a-2228-13743-error	SHALL contain exactly one [1..1] templateId (CONF:2228-13743) such that it SHALL contain exactly one [1..1] @root="2.16.840.1.113883.10.20.24.3.31" (CONF:2228-13744). SHALL contain exactly one [1..1] @extension="2016-02-01" (CONF:2228-26556).	Intervention_Order_V3-errors	count(cda:templateId[@root='2.16.840.1.113883.10.20.24.3.31'][@extension='2016-02-01']) = 1
a-2228-13746-error	SHALL contain exactly one [1..1] code (CONF:2228-13746).	Intervention_Order_V3-errors	count(cda:code) = 1
a-2228-27343-error	SHALL contain exactly one [1..1] Author Participation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119) (CONF:2228-27343).	Intervention_Order_V3-errors	count(cda:author[cda:templateId[@root='2.16.840.1.113883.10.20.22.4.119']]) = 1
a-2228-27632-error	This code SHALL contain exactly one [1..1] @sdtc:valueSet (CONF:2228-27632).	Intervention_Order_V3-code-errors	@sdtc:valueSet

CONFORMANCE ERRORS	ERROR MESSAGE	COMMENT
CMS_0060	The system SHALL reject QRDA-I files if the Encounter Performed Discharge Date is null (CONF: CMS_0060).	If any discharge date (high value) in the file for any "Encounter, Performed" is null, file will be rejected.
CMS_0061	The system SHALL reject QRDA-I files if the Encounter Performed Discharge Date (effectiveTime/high value) is after the upload date (discharge date is in the future) (CONF: CMS_0061).	If any discharge date (high value) in the file for any "Encounter, Performed" is after the upload date (in the future), file will be rejected.
CMS_0062	The system SHALL reject QRDA-I files if the Encounter Performed Admission Date (effectiveTime/low value) is after the Encounter Performed Discharge Date (effectiveTime/high value) (CONF: CMS_0062).	If the Encounter Discharge Date is earlier than the Encounter Admission Date, or if Encounter Discharge Date is NULL, or if both the Encounter Admission and Discharge Dates are NULL, file will be rejected.
CMS_0063	There are no Encounter Performed Discharge Dates within the reporting period found in the QRDA (CONF: CMS_0063).	There must be at least one Encounter Performed Discharge Date that falls within the Reporting Period as specified in the QRDA itself; otherwise, the file will be rejected.
CMS_0064	The system SHALL reject QRDA-I files submitted by CDAC users when the CMS Program Name within the file is not CDAC_HQR_EHR (CONF: CMS_0064).	For CDAC users, the CMS Program Name within the file must be set to CDAC_HQR_EHR, or else the file is rejected. (CMS Program Name is specified in ClinicalDocument/informationRecipient/intendedRecipient/id/extension.)
CMS_0065	The system SHALL reject QRDA-I files submitted by CDAC users when the QRDA is not submitted as a test file (CONF: CMS_0065).	For CDAC users, if the file submitted is of the type PROD (Production data), the file will be rejected.
CMS_0066	CCN (NULL) cannot be validated (CONF:CMS_0066).	CCN passes Schematron format check, but the value does not appear in lookup of valid HQR CCNs. Users will get this message if CCN is invalid or null.
CMS_0067	Submitter (%s) is not authorized to submit for this provider (%s) (CONF:CMS_0067).	Lookup performed in project database and it is found that the Submitter (vendor) has not been authorized to submit data on behalf of the hospital (using the CCN in the QRDA).
CMS_0068	Provider is not allowed to use dummy CCN number (800890) for submissions (CONF:CMS_0068).	Only vendors can use the dummy CCN.
CMS_0069	Dummy CCN (800890) can not be used for production submissions (CONF:CMS_0069).	Dummy CCN can only be used for Test data submissions.
CMS_0070	Submission date is not within the submission period (CONF:CMS_0070).	The validation process compares the upload date with the Production Date Range values stored in internal table. If the upload date is outside the acceptable range(s), then this message gets generated.
CMS_0071	Data submitted is not a well formed QRDA XML (CONF:CMS_0071).	This violates a syntax rule in the XML specification (e.g., missing start/end tag or prime elements missing or not properly nested or not properly written), and a Java exception is thrown. Rather than a cryptic Java exception message, the general Edit message (not well formed) is used by default and shown here. File processing immediately stops.
CMS_0072	QRDA file does not pass XML schema validation (CDA_SDTC.xsd) (CONF:CMS_0072).	The QRDA Category I file is checked against CDA_SDTC.XSD for the proper QRDA structure. Several conditions might cause this error. For example, required tags in a required section could be in the wrong order, as shown here: element '<id>' is allowed but element '<name>' is not allowed under element '<representedCustodianOrganization>'. Processing continues on file to identify other Errors/Warnings.
CMS_0073	The document does not conform to QRDA document formats accepted by CMS (CONF:CMS_0073).	Document is not in QRDA Category 1 DSTU Release 4 format (i.e., does not contain all four of the required header templateIDs, including both of the R4 templateIDs and extensions): HL7 R4: <templateId root="2.16.840.1.113883.10.20.24.1.2" extension="2016-08-01"/> 2018 CMS QRDA IG: <templateId root="2.16.840.1.113883.10.20.24.1.3" extension="2017-07-01"/> This error is also produced for an empty file or other non-XML file type (e.g., PDF). File processing immediately stops.
CMS_0074	The Version Specific Measure Identifier is not valid for the current program year (CONF:CMS_0074).	CMS Certification ID CEHRT must be 15 alphanumeric characters in length.
CMS_0075	Admission Date is not properly formatted (CONF:CMS_0075).	Admission date is not well formed or null.
CMS_0076	Discharge Date is not properly formatted (CONF:CMS_0076).	Discharge Date is not well formed or null.
CMS_0077	Reporting Period Start Date (low value) is after the End Date (high value) (CONF:CMS_0077).	If the Reporting Period Start Date (low value) is earlier than the End Date (high value), or if Start Date is null or both the Start Date and End Date are null, file will be rejected.
CMS_0078	QRDA file size exceeds (10) MB (CONF:CMS_0078).	QRDA file size exceeds 10 MB.
CMS_0079	Reporting Period Effective Date Range does not match one of the Program's CY Discharge Quarters (CONF:CMS_0079).	If Reporting Period Effective Date Range is not matched with one of the Program's CY Discharge Quarters, the file will be rejected.

CONFORMANCE ERRORS	ERROR MESSAGE	COMMENT
CMS_0080	The system SHALL reject QRDA-I files submitted by non-CDAC users when the CMS Program Name within the file is CDAC_HQR_EHR (CONF:CMS_0080).	If a non-CDAC user submits a file with the CMS Program Name set to CDAC_HQR_EHR, the file will be rejected.
CMS_0027	SHALL be precise to day (CONF:CMS_0027).	Reporting Period Start Date (low value) is not well formed or null.
CMS_0028	SHALL be precise to day (CONF:CMS_0028).	Reporting Period End Date (high value) is not well formed or null.
1198-5300_C01	SHALL be precise to day (CONF:1198-5300_C01).	Birthdate is not well formed or null.
1198-5256	SHALL contain exactly one [1..1] US Realm Date and Time (DTM.US.FIELDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.4) (CONF:1198-5256).	Header EffectiveTime is not well formed or null. Java validation needed because Schematron test condition was given as "not(existence_schema_tested)".
None	QRDA file accepted.	No errors found that would result in file being rejected.
CMS_0082	CMS EHR Certification ID does not meet year/version criteria (CONF:CMS_0082).	The EHR system needs to be certified to 2014 or 2015 Edition or a combination of the 2014 and 2015 Editions for CY18/PY20.
CMS_0083	CMS EHR Certification ID format is not valid (CONF:CMS_0083).	CMS EHR Certification ID must be 15 alphanumeric characters in length.
CMS_0084	Either the Patient HICN or MBI is required for hybrid measure/Core Clinical Data Element (CCDE) submissions (CONF:CMS_0084).	QRDA files for hybrid measure/CCDE Submissions must contain a HICN or MBI.
CMS_0085	CMS Program name and Measure ID are not compatible (CONF: CMS_0085).	CMS Program name for hybrid measure/CCDE submissions must be HQR_IQR_VOL.
CMS_0086	Measure type is not consistent across QRDA files within the batch (CONF:CMS_0086).	Files containing Hybrid Measure/CCDE submissions and eCQM cannot be submitted within the same batch.

Support Resources

Topic	Who to Contact	How to Contact
Hospital IQR Program and Policy	Hospital Inpatient Support Team	(844) 472-4477 https://cms-ip.custhelp.com
Promoting Interoperability Program* (objectives, attestation, and policy)	*QualityNet* Help Desk	(866) 288-8912 qnetsupport@hcqis.org
eCQM specifications (code sets, measure logic, and measure intent) QRDA-related questions (CMS Implementation Guide, sample files and Schematrons)	Office of the National Coordinator for Health Information Technology (ONC) JIRA Issue Trackers	eCQM Issue Tracker https://oncprojectracking.healthit.gov/support/projects/CQM/summary QRDA Issue Tracker https://oncprojectracking.healthit.gov/support/projects/QRDA/issues/QRDA-313?filter=allopenissues
QualityNet Secure Portal (reports, Pre-Submission Validation Application tool, uploading data, troubleshooting file errors)	*QualityNet* Help Desk	(866) 288-8912 qnetsupport@hcqis.org
eCQM data validation	Validation Support Team	validation@hcqis.org or https://cms-ip.custhelp.com

*Previously known as the EHR Incentive Program

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