



QRDA Category I Conformance Statement Resource – CY 2016 eCQM Reporting

Updated
February 2017

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Release Notes

- **November 2016** – Initial posting of this resource
- **February 2017** – Updated posting of this resource

NOTE: The asterisk (*) on the CONF Number selection table indicates CONF statements that are new to this resource.

Disclaimer

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QRDA Category I Conformance Statement Resource Overview

As of Calendar Year 2016, Quality Reporting Document Architecture (QRDA) Category I files are submitted by Eligible Hospitals (EHs) to fulfill a portion of the mandatory electronic Clinical Quality Measure (eCQM) reporting requirements for the Centers for Medicare & Medicaid Services (CMS) Hospital Inpatient Quality Reporting (IQR) and Medicare Electronic Health Record (EHR) Incentive Programs.

When test or production files are submitted for processing to the CMS data receiving system within the *QualityNet Secure Portal*, errors are identified with a conformance statement, or system requirement. These statements are referred to with a CONF number. CONF numbers are generated to tell the data submitter why the file was rejected and unable to be processed.

There are two types of conformance statements with different formats for the CONF number: the CMS CONF numbers and Health Level Seven (HL7) Clinical Document Architecture (CDA) QRDA Category I Errors. The Conformance Statement Resource was developed to assist data submitters to resolve file upload errors by providing additional explanations and reference material to support successful submission.

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Two Types of QRDA Category I Conformance Statements

CMS CONF Number

- CMS CONF number format: CONF:CMS_xxxx
Example: CONF: CMS 0010
- Reference material: The [QRDA Supplementary Implementation Guide for 2016](#) and the [QRDA Appendix](#).

HL7 CDA QRDA Errors

- HL7 CDA QRDA errors format: Has no CMS prefix
Example: CONF:1098-6394
- Reference material: Visit the HL7 website to obtain the [HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture - Category I \(QRDA I\) DSTU Release 3 \(US Realm\)](#).

NOTE: The HL7 website may require a HL7 account to be created in order to download the Implementation Guide (IG).

How to Use this QRDA Category I Conformance Statement Resource

The next page provides a table of commonly occurring CONF statements associated with the submittal of QRDA Category I files for CY 2016 eCQM reporting. To obtain details on specific conformance or error messages:

1. Select the CONF number (highlighted as a blue link) to view the error description, the meaning of the error message, and details on how to resolve the error.
2. Choose **Select a new CONF Number** to return to the CONF Number table.
3. When done, select **End** at the bottom right hand corner of the page to review a list of resources. Exit the tool by clicking the **X** in the top right hand corner of the tool.

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Select a CONF Number From the Table Below

CONF: CMS_0035* CCN length	CONF: CMS_0060 Encounter Performed Discharge Date Null	CONF: CMS_0062 Encounter Performed Admission Date	CONF: CMS_0063 Encounter Performed Discharge Date	CONF: CMS_0066 CCN cannot be validated	CONF: CMS_0068 Dummy CCN	CONF: CMS_0072 QRDA Document Format Error
CONF: CMS_0073 QRDA Document Format Error	CONF: CMS_0074 Version Specific Measure Identifier	CONF: CMS_0075* Admission Date [Effective Time / low value]	CONF: CMS_0076* Discharge Date [Effective Time / high value]	CONF: CMS_0078 QRDA File Size Exceeds 5 MB	CONF: CMS_0079 Reporting Period Effective Date Range	CONF: 67-12978 Measure Section QDM Entry
CONF: 67-13193 eMeasure Reference QDM	CONF: 81-7291 Patient Contact Information City	CONF: 81-7292 Patient Contact Information Street Address Line	CONF: 81-9371 Conformant Patient Name	CONF: 81-9372 Cannot Contain Name Parts	CONF: 81-10024 Patient Contact Information State	CONF: 81-10025 Patient Contact Information Postal Code
CONF: 1098-5271 Patient Contact Information US Realm Address	CONF: 1098-5280 Patient Contact Information Telecom	CONF: 1098-6394 Administrative Gender Code	CONF: 1098-7508 Effective Time	CONF: 1098-14838 Service Event – Low Effective Time	CONF: 1140-27571 & CONF 1098-5300_C01 Contain Birth Time – Precise to the Day	CONF: 1140-27745 Medication Order Requires Authors

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*New to the QRDA Category I Conformance Statement Resource with this February 2017 update.

CMS Certification Number (CCN)

CONF: CMS_0035 & CMS_0066

CONF #	Validation Performed	Meaning	Solution
CMS_0035	CCN SHALL be six to ten characters in length	CCNs submitted that have five or fewer characters or 11 or more characters will not pass validation.	Review CCN included in QRDA file to ensure accuracy.
CMS_0066	CCN (NULL) cannot be validated	CCN passes Schematron format check but the value does not appear in HQR lookup of valid CCNs. This message will appear if CCN is Null.	Review QRDA File to ensure: <ul style="list-style-type: none">• CCN is included and is accurate• Verify where the @root=2.16.840.1.113883.4.3 36 is present, that the CCN extension is also present

[Select a new
CONF number](#)

[End](#)

CONF: CMS_0060

Encounter Performed Discharge Date Null (1 of 2)

ERROR: The system SHALL reject QRDA I files if the encounter performed discharge date is Null.

Example: NULL discharge date

```
<!-- Attribute: admission datetime -->
```

```
<low value="20160101090000+0500" />
```

```
<!-- Attribute: discharge datetime empty-->
```

```
<high value="" />
```

CONF: CMS_0060

Encounter Performed Discharge Date Null (2 of 2)

Example of correct discharge date time:

```
<!--Encounter, Performed:Start-->
<!--"Encounter, Performed: Encounter Inpatient" using "Encounter Inpatient
  SNOMEDCT Value Set (2.16.840.1.113883.3.666.5.307)" -->
<entry typeCode="DRIV">
  <encounter classCode="ENC" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.49" extension="2014-06-09"/>
    <templateId root="2.16.840.1.113883.10.20.24.3.23" extension="2014-12-01"/>
    <id root="2a620155-9d11-439e-92b3-5d9815ff4de8"/>
    <code code="32485007" displayName="Hospital admission (procedure)"
      codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"
      sdtc:valueSet="2.16.840.1.113883.3.666.5.307">
    </code>
    <text>Encounter, Performed: Inpatient Encounter</text>
    <statusCode code="completed"/>
    <effectiveTime>
      <!-- Attribute: admission datetime (or encounter start)-->
      <low value="20160129090000+0500"/>
      <!-- Attribute: discharge datetime (or encounter end)-->
      <high value="20160131100000+0500"/>
    </effectiveTime>
  </encounter>
</entry>
```

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CONF number](#)

[End](#)

CONF: CMS_0062

Encounter Performed Admission Date (1 of 2)

ERROR: 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).

Meaning:

Possible conditions resulting in this error are:

- Encounter Performed Admission Date (effectiveTime/low value) is after the Encounter Performed Discharge Date (effectiveTime/high value)
- Admission Date or Discharge Date values are null or have an invalid format

CONF: CMS_0062

Encounter Performed Admission Date (2 of 2)

ERROR:

Admission Date is after the Discharge Date

```
<low value="20160229090000+0500"/>
```

```
<high value="20160131103000+0500"/>
```

```
<!--Encounter, Performed:Start-->
<!--"Encounter, Performed: Encounter Inpatient" using "Encounter Inpatient
      SNOMEDCT Value Set (2.16.840.1.113883.3.666.5.307)" -->
<entry typeCode="DRIV">
  <encounter classCode="ENC" moodCode="EVN">
    <templateId root="2.16.840.1.113883.10.20.22.4.49" extension="2014-06-09"/>
    <templateId root="2.16.840.1.113883.10.20.24.3.23" extension="2014-12-01"/>
    <id root="2a620155-9d11-439e-92b3-5d9815ff4de8"/>
    <code code="32485007" displayName="Hospital admission (procedure)"
          codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMEDCT"
          sdct:valueSet="2.16.840.1.113883.3.666.5.307">
    </code>
    <text>Encounter, Performed: Inpatient Encounter</text>
    <statusCode code="completed"/>
    <effectiveTime>
      <!-- Attribute: admission datetime (or encounter start)-->
      <low value="20160129090000+0500"/>
      <!-- Attribute: discharge datetime (or encounter end)-->
      <high value="20160131100000+0500"/>
    </effectiveTime>
  </encounter>
</entry>
```

How to fix (example):

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CONF number](#)

[End](#)

CONF: CMS_0063

Encounter Performed Discharge Dates (1 of 2)

ERROR: The system SHALL reject QRDA I files if at least one of the Encounter Performed Discharge Dates is not within the reporting period found in the QRDA.

CONF: CMS_0063

Encounter Performed Discharge Dates (2 of 2)

Meaning:

There must be at least one encounter in the QRDA that is within the reporting period.

If there are other encounters reported that are outside the reporting period, the file will not be rejected as long as there is at least one encounter with the discharge date within the reporting period, as specified in the Reporting Parameters Section of the QRDA.

```
<entry typeCode="DRIV">
  <act classCode="ACT" moodCode="EVN">
    <!-- This is the templateId for Reporting Parameters Act -->
    <templateId root="2.16.840.1.113883.10.20.17.3.8"/>
    <!-- This is the templateId for Reporting Parameters Act - CMS EP & HQR -->
    <templateId root="2.16.840.1.113883.10.20.17.3.8" extension="2015-07-01"/>
    <id root="3d7c11cf-b01b-4527-a704-c098c162779d"/>
    <code code="252116004" codeSystem="2.16.840.1.113883.6.96"
      displayName="Observation Parameters"/>
    <effectiveTime>
      <low value="20160701"/>
      <high value="20160930"/>
    </effectiveTime>
  </act>
</entry>
```

CY 2016 Discharge Reporting Period

July 1–September 30, 2016 (Q3)

October 1–December 31, 2016 (Q4)

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[Select a new
CONF number](#)

[End](#)

CONF: CMS_0068

Dummy CCN

ERROR: Provider is not allowed to use a dummy CCN number (e.g., 800890) for submissions.

Meaning:

The dummy CMS Certification Number (CCN) (shown below) can be used only by vendors and only for Test Data submissions.

<id root="2.16.840.1.113883.4.336" extension="800890"/>

CONF: CMS_0072

QRDA Document Format Error

ERROR: The document does not conform to QRDA document formats accepted by CMS.

Meaning:

QRDA structure of the submitted file does not conform to the QRDA XML Schema (CDA_SDTC.XSD) provided by HL7. The file does not pass the schema check. Validation continues on the file to identify any other errors.

CONF: CMS_0073

QRDA Document Format Error

ERROR: The document does not conform to QRDA document formats accepted by CMS.

Meaning:

The QRDA must have **all four** required header template IDs and extensions for a QRDA Category I, Draft Standard for Trial Use (DSTU), Release 3 format file being sent to CMS:

```
<!-- US Realm Header (V2) -->  
<templated root="2.16.840.1.113883.10.20.22.1.1" extension="2014-06-09"/>  
<!-- QRDA Category I Framework (V2) -->  
<templated root="2.16.840.1.113883.10.20.24.1.1" extension="2014-12-01"/>  
<!-- QDM-Based QRDA (V2) -->  
<templated root="2.16.840.1.113883.10.20.24.1.2" extension="2014-12-01"/>  
<!-- QRDA Category I Report - CMS HQR (V2) -->  
<templated root="2.16.840.1.113883.10.20.24.1.3" extension="2015-07-01"/>
```

This error is also produced for an empty file or any non-XML file type (e.g., PDF). Processing stops immediately on these files.

CONF: CMS_0074

Version Specific Measure Identifier (1 of 5)

ERROR: The Version Specific Measure Identifier is not valid for the current program year.

Meaning:

Each measure in the QRDA must reference the version specific identifier. Only the June 2015 version of the electronic specifications for the EH eCQMs will be accepted for the CY 2016 reporting year.

CONF: CMS_0074

Version Specific Measure Identifier (2 of 5)

Locate the eCQM Version Specific Measure Identifiers for 2016 reporting by:

- Looking on page 11 of the 2016 CMS QRDA Implementation Guide Appendix for Eligible Professional Programs and Hospital Quality Reporting February 2016
- Confirming you have the correct Version Specific Measure Identifier

https://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/Downloads/QRDA_Appendix2016.PDF

CONF: CMS_0074

Version Specific Measure Identifier (3 of 5)

For 2016 Reporting of EH eCQMs –
page 11 from CMS QRDA IG Appendix

Table 2 Version Specific Measure Identifier UUID List for eCQMs EH Update June 2015

eCQM	Version Specific Measure ID	eCQM	Version Specific Measure ID
CMS9v4	40280381-4de7-db4d-014d-e8c552e9025f	CMS105v4	40280381-4be2-53b3-014c-09f5e7c01618
CMS26v3	40280381-4b9a-3825-014b-bd8fa6b2062e	CMS107v4	40280381-4b9a-3825-014b-c1ce20f40785
CMS30v5	40280381-4be2-53b3-014b-e6419b2c033e	CMS108v4	40280381-4c18-79df-014c-2d6dc6ce0a53
CMS31v4	40280381-4c18-79df-014c-2864b0a404c5	CMS109v4	40280381-4c18-79df-014c-2d6122a30a44
CMS32v5	40280381-4c18-79df-014c-291ef3f90654	CMS110v4	40280381-4c18-79df-014c-2d98d1d60add
CMS53v4	40280381-4be2-53b3-014b-ea9da2df05bb	CMS111v4	40280381-4c18-79df-014c-242d05bb02cd
CMS55v4	40280381-4c18-79df-014c-2414260502ad	CMS113v4	40280381-4c18-79df-014c-234fb44c0145
CMS60v4	40280381-4be2-53b3-014b-eb39a1a60681	CMS114v4	40280381-4c18-79df-014c-2e3345ce0c63
CMS71v5	40280381-4b9a-3825-014b-db6ef30f0e2d	CMS171v5	40280381-4de7-db4d-014d-e8631eb001af
CMS72v4	40280381-4c72-51df-014c-8f6fc3510790	CMS172v5	40280381-4de7-db4d-014d-e88b72cf0211
CMS73v4	40280381-4c18-79df-014c-38c6ba7f190b	CMS178v5	40280381-4c18-79df-014c-284cd800045b
CMS91v5	40280381-4be2-53b3-014b-f0bbf5d70dbb	CMS185v4	40280381-4a43-a22d-014a-cb65430e2df5
CMS100v4	40280381-4be2-53b3-014b-e66bed0703d0	CMS188v5	40280381-4de7-db4d-014d-e8361d36015a
CMS102v4	40280381-4b9a-3825-014b-c21e526d0806	CMS190v4	40280381-4c18-79df-014c-3364efa21057
CMS104v4	40280381-4c72-51df-014c-8f7b539207a9	NA	NA

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CONF: CMS_0074

Version Specific Measure Identifier (4 of 5)

To locate the Version Specific Measure Identifier in the eCQM XML file:

- Use the **QualityMeasureDocument/id/@root** xpath for eCQM Version Specific Measure Identifier
- Submit ONLY the Version Specific Measure Identifier
- Remember that the Version Specific Measure Identifier is not case sensitive

CONF: CMS_0074

Version Specific Measure Identifier CMS108v4 (5 of 5)

Health Quality Measures
Format (HQMF) XML for
CMS108v4

Version Specific
Measure Identifier

Measure Version that
Corresponds to File Name

```
*****
                          Measure Details Section
*****
-->

    <typeId extension="POQM_HD000001UV02"
root="2.16.840.1.113883.1.3"/>
    <templateId>
      <item extension="2014-11-24"
root="2.16.840.1.113883.10.20.28.1.1"/>
    </templateId>
    <id root="40280381-4c18-79df-014c-2d6dc6ce0a53"/>
    <code code="37821" codeSystem="2.16.840.1.113883.6.1">
      <displayName value="Health Quality Measure Document"/>
    </code>
    <title value="Venous Thromboembolism Prophylaxis"/>
    <text>
      value="This measure assesses the number of patients who
received VTE prophylaxis or have documentation why no VTE
prophylaxis was given the day of or the day after hospital
admission or surgery end date for surgeries that start the day
of or the day after hospital admission."/>
    <statusCode code="COMPLETED"/>
    <setId value="38D3B5CC-8F68-4C65-8FE3-2CD20DDD1622"/>
    <versionNumber value="4.0.000"/>
    <author>
```

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[Select a new
CONF number](#)

[End](#)

Admission/Discharge Dates [effectiveTime]

CONF: CMS_0075 & CMS_0076 (1 of 2)

CONF #	Validation Performed	Meaning	Solution
0075	Admission Date is not properly formatted.	Fails validation check for Encounter Performed Admission Date (effectiveTime / low value)	Confirm proper format of admission date.
0076	Discharge Date is not properly formatted.	Fails validation check for Encounter Performed Admission Date (effectiveTime / high value)	Confirm proper format of discharge date.

[Select a new
CONF number](#)

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Admission/Discharge Dates [effectiveTime] CONF: CMS_0075 & CMS_0076 (2 of 2)

Proper format for dates: YYYYMMDDHHMMSSxUUUU

YYYY	Year	Range 1900 to 9999
MM	Month	Range 01 to 12
DD	Day	Range 01 to 31 (note: true to month and leap years)
HH	Hour	Range 0 to 23
SS	Seconds	Range 0 to 59
X	Plus or minus sign	
UUUU	UTC Time Shift	-1300 thru +1400

NOTE: Use of the UTC Time Shift is optional, however if it is used, it must be present throughout the whole QRDA Category I file for the file to be accepted.

Information above is from Table 8 – Valid Date/Time Format for HQR (pages 15–17 of 2016 QRDA IG Appendix)

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CONF number](#)

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CONF: CMS_0078

QRDA File Size Exceeds 5 MB

ERROR: QRDA file size exceeds 5MB.

Meaning:

The maximum single QRDA Category I file size accepted is 5 MB, as determined by the CMS data receiving system.

NOTE: If the file size exceeds 5 MB please contact the *QualityNet* Help Desk.

CONF: CMS_0079

Reporting Period Effective Date Range (1 of 3)

ERROR: Reporting Period Effective Date Range does not match one of the Program's CY Discharge Quarters.

Meaning:

The Reporting Parameter Effective Date Range must align with one of the program's allowable CY discharge quarters, which will depend on whether the submission is for Production or Test data.

CONF: CMS_0079

Reporting Period Effective Date Range (2 of 3)

```
<entry typeCode="DRIV">
  <act classCode="ACT" moodCode="EVN">
    <!-- This is the templateId for Reporting Parameters Act -->
    <templateId root="2.16.840.1.113883.10.20.17.3.8"/>
    <!-- This is the templateId for Reporting Parameters Act - CMS EP & HQR -->
    <templateId root="2.16.840.1.113883.10.20.17.3.8" extension="2015-07-01"/>
    <id root="3d7c11cf-b01b-4527-a704-c098c162779d"/>
    <code code="252116004" codeSystem="2.16.840.1.113883.6.96"
      displayName="Observation Parameters"/>
    <effectiveTime>
      <low value="20160101"/>
      <high value="20160331"/>
    </effectiveTime>
  </act>
</entry>
```

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CONF: CMS_0079

Reporting Period Effective Date Range (3 of 3)

For CY 2016 IQR Program reporting, a hospital will be required to:

- Report a minimum of four of the 28 available eCQMs
- Report for **at least** one quarter (Q3 or Q4) of CY 2016
- Submit between October 1, 2016, and February 28, 2017

NOTE: Submission deadline has been extended to **March 13, 2017.**

EHR Incentive Program (Meaningful Use) Submission and Hospital IQR Program Submission via EHR for Production and Test Data Files						
	CY Discharge Quarters		Production Data Submissions		Test Data Submissions	
Quarter	Discharge Start	Discharge End	Start	End	Start*	End
CY16Q1	1/1/2016	3/31/2016	N/A	N/A	5/27/2016	2/28/2017
CY16Q2	4/1/2016	6/30/2016	N/A	N/A	5/27/2016	2/28/2017
CY16Q3	7/1/2016	9/30/2016	10/1/2016	2/28/2017	5/27/2016	2/28/2017
CY16Q4	10/1/2016	12/31/2016	10/1/2016	2/28/2017	5/27/2016	2/28/2017

* Date when the IQR-EHR system for 2016 submissions was deployed into Production

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CONF number](#)

[End](#)

eMeasure Reference QDM

CONF: 67-12978 & 67-13193

The following conformance statements are associated with Measure Section Quality Data Model (QDM).

CONF #	Validation Performed	Meaning	Solution
67-12978	SHALL contain at least one [1..*] entry	At least one entry is required	Confirm entry is present in file
67-13193	Such entries SHALL contain exactly one [1..1] eMeasure Reference QDM (identifier: urn:oid:2.16.840.1.113883.10.20.24.3.97)	Such entries (referenced in 67-12978) must contain one of the eMeasure Reference QDM (which defines how a QDM eMeasure should be referenced in QDM-Based QRDA)	Confirm entry is from Object Identifier (OID): 2.16.840.1.113883.10.20.24.3.97

[Select a new
CONF number](#)

[End](#)

Patient Contact Information

(1 of 2)

CONF #	Validation Performed	Meaning	Solution
1098-5271	This patientRole SHALL contain at least one [1..*] US Realm Address (identifier: urn:oid:2.16.840.1.113883. 10.20.22.5.2)	No 'address' tag included in file	'Address' must be included in file to pass validation
81-7291	SHALL contain exactly one [1..1] city	No 'city' tag included in file	'City' must be included in file to pass validation
81-7292	SHALL contain exactly one [1..1] streetAddressLine	No 'streetAddressLine' tag included in file	'StreetAddressLine' must be included in file to pass validation
1098-5280	This patientRole SHALL contain at least one [1..*] telecom	No 'telecom' tag included in file	'Telecom' must be included in file to pass validation

Patient Contact Information

(2 of 2)

CONF #	Validation Performed	Meaning	Solution
81-10024	<p>SHOULD contain zero or one [0..1] state (ValueSet: StateValueSet urn:oid:2.16.840.1.113883.3.88.12.80.1 DYNAMIC)</p> <p><i>State is required if the country is US. If country is not specified, it's assumed to be US</i></p>	No 'state' tag included in file	'State' must be included in file to pass validation
81-10025	<p>SHOULD contain zero or one [0..1] postalCode, which SHOULD be selected from ValueSet PostalCode urn:oid:2.16.840.1.113883.3.88.12.80.2 DYNAMIC</p> <p><i>PostalCode is required if the country is US. If country is not specified, it's assumed to be US</i></p>	No 'postal code' tag included in file	'PostalCode' must be included in file to pass validation

Please refer to the [QRDA Supplementary Implementation Guide for 2016](#) and the [QRDA Appendix](#) and the [HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture - Category I \(QRDA I\) DSTU Release 3 \(US Realm\)](#) for additional information on patient contact information. These materials can assist you to determine which components of the patient's contact information are required (identified in the conformance statements with the keyword 'SHALL').

CONF: 81-9371

Conformant Person Name (1 of 2)

ERROR: The content of name SHALL be either a conformant Patient Name (PTN.US.FIELDDED) or a string.

Meaning:

The name data element must be provided either as a string or conformant to the structure defined by the Patient Name (PTN.US.FIELDDED) For data elements that are defined using US Realm Person Name (PN.US.FIELDDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) data type such as

ClinicalDocument/patient/name

ClinicalDocument/legalAuthenticator/assignedEntity/assigned Person/name

CONF: 81-9371

Conformant Person Name (2 of 2)

Error:

```
<name>  
  <family>Doe</family>  
</name>
```

This xml snippet contains partial name structure as defined by the US Realm Person Name (PN.US.FIELDDED) Data type.

How to fix:

Option 1 (preferred)

```
<name>  
  <family>Doe</family>  
  <given>John</given>  
</name>
```

Fix the error by providing the missing given element to provide a minimally required structure of name as defined by the US Realm Person Name (PN.US.FIELDDED) Data type.

Option 2

```
<name>John Doe</name>
```

Fix the error by providing a string instead of a structured name.

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[Select a new
CONF number](#)

[End](#)

CONF: 81-9372

Cannot Contain Name Parts (1 of 2)

ERROR: The string SHALL NOT contain name parts.

Meaning:

If a structured name is provided, the name data element must conform to the structure defined by the Patient Name (PTN.US.FIELDDED) for data elements that are defined using US Realm Person Name (PN.US.FIELDDED) (identifier: urn:oid:2.16.840.1.113883.10.20.22.5.1.1) data type such as

ClinicalDocument/patient/name

ClinicalDocument/legalAuthenticator/assignedEntity/assigned
Person/name

CONF: 81-9372

Cannot Contain Name Parts

(2 of 2)

Error:

```
<name>
  <family>Doe</family>
</name>
```

This xml snippet contains partial name structure as defined by the US Realm Person Name (PN.US.FIELDDED) Data type.

How to fix:

```
<name>
  <family>Doe</family>
  <given>John</given>
</name>
```

Fix the error by providing the missing given element to provide a minimally required structure of name as defined by the US Realm Person Name (PN.US.FIELDDED) Data type.

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CONF # 1140-27571 & 1098-5300_C01 recordTarget-Birthtime

Two CONF# related to birthtime

CONF #	Validation Performed	Meaning
1140-27571	This patient SHALL contain exactly one [1..1] birthtime	Only one birthtime is allowed in a patient file
1098-5300_C01	SHALL be precise to day	The format of the birthtime must include the day

Example: 19430801

Not allowed: 1943081

Example from
QRDA Category I
Report



```
<birthTime value="19460102"/>
```

[Select a new
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CONF: 1098-6394

Administrative Gender Code

ERROR: This patient SHALL contain exactly one [1..1] administrativeGenderCode, which shall be selected from Value Set Administrative Gender (HL7 V3) urn:2.16.840.1.113883.1.11.1 dynamic.

NOTE:

This schematron rule about the administrative gender from the base IG should have been removed from the schematron file, because CMS IG overwrites this and requires the Office of the National Coordinator (ONC) Administrative Sex value set urn:oid: 2.16.840.1.113762.1.4.1. Please contact the QualityNet HelpDesk if this error is received.

CONF: 1098-7508

Effective Time – Medication Activity Template (1 of 3)

ERROR: Shall contain exactly one [1..1] effective Time (CONF: 1098-7508) such that it...

Meaning:

The error would be generated for a file containing a Medication Activity (V2) template

[2.16.840.1.113883.10.20.22.4.16:2014-06-09]

without including effective time with data type of “IVL_TS” specified.

The actual Schematron assertion is as follows:

```
<sch:assert id="a-1098-7508-c"
test="cda:effectiveTime[@xsi:type='IVL_TS']">SHALL contain exactly
one [1..1] effectiveTime (CONF:1098-7508) such that it</sch:assert>
```

Two examples of valid code snippets from the Health Level Seven International (HL7) Implementation Guide (IG) are shown on the next slides.

CONF: 1098-7508

Effective Time – Medication Activity Template (2 of 3)

The following two examples represent valid code snippets from the HL7 IG. Both contain the Medication Activity (V2) template with effectiveTime included, as well as the required data type, e.g., '<effectiveTime xsi:type="IVL_TS">'

NOTE: One uses time specified, the other uses nullFlavor.

Example 1 – effective time specified:

```
<substanceAdministration classCode="SBADM" moodCode="EVN">
  <!-- ** Medication Activity (V2) ** -->
  <templateId root="2.16.840.1.113883.10.20.22.4.16"
    extension="2014-06-09"/>
  <id root="6c844c75-aa34-411c-b7bd-5e4a9f206e29"/>
  <statusCode code="active"/>
  <effectiveTime xsi:type="IVL_TS">
    <low value="20120318"/>
  </effectiveTime>
  <effectiveTime xsi:type="PIVL_TS" institutionSpecified="true" operator="A">
    <period value="12" unit="h"/>
  </effectiveTime>
```

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CONF: 1098-7508

Effective Time – Medication Activity Template (3 of 3)

Example 2 – Using nullFlavor:

```
<substanceAdministration classCode="SBADM" moodCode="EVN">
  <!-- Conforms to C-CDA R2 Medication Activity (V2) | -->
  <templateId root="2.16.840.1.113883.10.20.22.4.16" extension="2014-06-09" />
  <!-- Medication, Active (V2) template -->
  <templateId root="2.16.840.1.113883.10.20.24.3.41" extension="2014-12-01" />
  <id root="9a5f4d94-ccad-4d57-80ea-27737545c7ed" />
  <statusCode code="active" />
  <effectiveTime xsi:type="IVL_TS">
    <low nullFlavor="NA" />
  </effectiveTime>
```

CONF: 1140-27745

Medication Order (V2) Requires Author (1 of 2)

ERROR: SHALL contain exactly one [1..1] author.

Meaning:

The Medication Order template was updated from QRDA I, Release 2 to Release 3. Among other changes, Author has been added as a required element in Medication Order (V2). Author represents the clinician ordering the medication from a pharmacy for a patient.

CONF: 1140-27745

Medication Order (V2) Requires Author (2 of 2)

```
<!-- QDM Attribute: Medication, Order -->
  <substanceAdministration classCode="SBADM" moodCode="RQO">
    <!-- Conforms to C-CDA R2 Planned Medication Activity (V2) -->
    <templateId root="2.16.840.1.113883.10.20.22.4.42" extension="2014-06-09"/>
    <!-- Medication Order (V2) Template -->
    <templateId root="2.16.840.1.113883.10.20.24.3.47" extension="2014-12-01"/>
    <id root="9a5f4d94-ccad-4d57-80ea-27737545c7bb"/>
    .....
    <author>
      <!-- C-CDA R2 Author Participation -->
      <templateId root="2.16.840.1.113883.10.20.22.4.119"/>
      <time value="201504081130"/>
      <assignedAuthor>
        <id root="2.16.840.1.113883.4.6" extension="1234567893"/>
      </assignedAuthor>
    </author>
    .....
  </substanceAdministration>
```

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CONF: 1098-14838

serviceEvent effectiveTime/low

(1 of 2)

ERROR: This effectiveTime SHALL contain exactly one [1..1] low.

Meaning:

This error message is regarding the **ClinicalDocument/documentationOf/serviceEvent/effectiveTime/low** xpath. For serviceEvent/effectiveTime, low is a required data element.

CONF: 1098-14838

serviceEvent effectiveTime/low

(2 of 2)

Error:

```
<serviceEvent>  
  <effectiveTime value="20160201"/>
```

This xml snippet is missing the required effectiveTime/low

How to fix:

```
<serviceEvent>  
  <effectiveTime>  
    <low value="20160201"/>  
    <high value="20160328"/>  
  </effectiveTime>
```

Fix the error by providing the required effectiveTime/low

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[End](#)

Resources

QualityNet Help Desk – PSVA and Data Upload

Qnetsupport@hcqis.org

(866) 288-8912, 7 a.m. – 7 p.m. CT, Monday – Friday

eCQM General Program Questions – IQR Program

<https://cms-ip.custhelp.com>

(866) 800-8765 or (844) 472-4477, 8 a.m. – 8 p.m. ET Monday – Friday (except federal holidays)

EHR (Meaningful Use) Information Center – EHR Incentive Program

(888) 734-6433, 7:30 a.m. – 6:30 p.m., CT Monday – Friday

The JIRA – Office of the National Coordinator (ONC) Project Tracking

<https://oncprojecttracking.healthit.gov/>

Resource to submit questions and comments regarding:

- Issues identified with eCQM logic
- Clarification on specifications
- The Combined QRDA IG for 2016

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