Cypress[™]

Cypress Tech Talk

January 14, 2020





The Office of the National Coordinator for Health Information Technology



Agenda

- Software Updates
 - Cypress 5.2.0 Patch Release
 - 2020 CMS QRDA I Implementation Guide Updates

2

- Editable C1 Record Sample Test Attributes
- Recent Issues
 - CYPRESS-1868
 - Known Issues Dashboard
- Cypress Versions
- Announcements
- Open Discussion
- Contact Information

Software Updates Cypress 5.2.0 Release

- A 5.2.0 patch release for Cypress was released on December 19, 2019
- Cypress Features
 - Addresses changes made in the December 2019 update to the 2020 CMS QRDA I Implementation Guide.
 - Ability to edit attributes used for C1 Record Sample tests.
 - Bundle Update 2019.1.1: Removed four retired measures
 - Removed CMS52v8, CMS82v7, CMS132v8, CMS160v8

Cypress Bugs Addressed

 Address calculation discrepancies for CMS165v8 due to ordering of Physical Exams (CYPRESS-1868)

Software Updates 2020 CMS QRDA I Implementation Guide Updates

4

- <u>https://ecqi.healthit.gov/sites/default/files/QRDA-HQR-2020-CMS-IG-v1.1-508.pdf</u>
- Negated entries MUST negate a valueset or direct reference code
- Previously, Cypress allowed single code negation. This update enforces a warning or error when a valueset should be used.

5.2.3.1 "Not Done" with a Reason

To report a QDM data element that is not done (when **negationInd=**"true") with a reason, such as "Medication Not Administered" with negation rationale attribute indicating it is due to patient reason, the following steps must be followed:

- 1. Must set the attribute negataionInd="true"
- 2. <u>If QDM in eCQM specification is defined using a value set</u>, for example, ["Medication, Not Ordered": "Warfarin"]:
 - Must provide code/[@nullFlavor="NA"]
 - Must provide the value set OID instead of a specific code from the value set. Set the code attribute code/sdtc:valueset="[VSAC value set OID]"
 - o Use code/originalText for the text description of the concept in the pattern
 "None of value set: [value set name]"

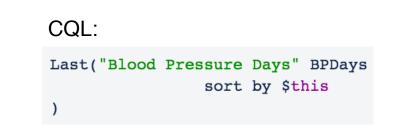
Software Updates Editable C1 Record Sample Test Attributes

- Select "Edit Test" for a C1 Record Sample Test
- Cypress will allow the user to swap the attribute (in addition to the criteria swap option)
- Attributes are shown with valueset oid if the attribute has an associated valueset

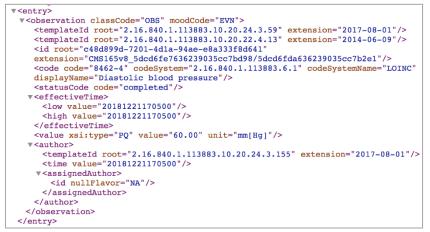
idit Test CMS111v8 Median time (in department patients admit	minutes) fror tted to inpatie	n admit decision nt status	time to time of departure from th	ie emerger	ncy department for emergency
Data Criteria	Section	Required Attributes	Value Set(s)	Toggle Negation	Swap Criteria
QDM::EncounterPerformed	Valuesets		Encounter Inpatient 2.16.840.1.113883.3.666.5.307		Replacement data criteria
	Attributes	principalDiagnosis	principalDiagnosis 2.16.840.1.113883.3.117.1.7.1.299		principalDiagnosis ✓ principalDiagnosis:2.16.840.1.113883.3.117.1. relevantPeriod

Recent Issue Cypress 5.1.0 Known Issue

- CYPRESS-1868
- CMS165v8
 - <u>https://ecqi.healthit.gov/ecqm/ep/2</u>
 <u>020/cms165v8</u>
 - CQL includes "\$" sort of Blood
 Pressure exam
- Cypress calculates differently based on the order of entries
 - Issue in the calculation engine
 - Engine does not sort entries properly in order to find the most recent
- Current workaround is to re-order entries



Affects measured blood pressure entries:



Recent Issue Cypress Known Issues Dashboard

- <u>https://oncprojectracking.healthit.gov/support/secure/Dashboard.jspa</u> <u>?selectPageId=18000</u>
- The Dashboard collects all labeled known issues in one place, sorted by Cypress version
- Easily navigate to the dashboard from the Cypress summary page

ypress Kno	own Issues		Add gadget Edit	layout	t •••
Cypress Known	Issues			¢	<i>د</i> ^م
Cypres	s Known Issues				
Below are tables that list known issues for the most recent Cypress Versions					
Release Notes for Cypress Versions can be found here					
Filter Results: C	typress Known Bugs 5.0.1			÷	e*
Summary	2020 Reporting Period EH eCQMs	2020 Performance Period EP/EC eCQMs	Solution 1	Links	\$
fulfills entry extension lookup in separate file		CMS50v8/NQF374	If you run into this issue during a certification test, please have your Test Proctor refer to this ticket and regenerate a test deck for CMS50.		
Measure Validation	CMS108v8/NQFna, (1)		On QRDA import, Cypress shifts all times to UTC \pm 00:00.		
engine			If calculation errors due to timezone shifting during a certification, have		

Cypress Versions

Version	Dates	Measures Supported
V4.0.4	October 3, 2019	Latest version supporting eCQMs for the 2019 Reporting/Performance Period and CQL. Fixes QRDA and other 4.0.3 bugs.
V5.1.0	November 7, 2019	Support for QRDA Category I R5.1 errata
V5.2.0	December 19, 2019	Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL. Contains feature improvements and fixes for bugs found in Cypress v5.1.0

Bundle Version	Dates	Features
2018.1.0	October 11, 2018	Cypress v4 only CQL-based measures released in 2018 for the 2019 reporting year eCQM Value Sets as of 9/17/2018.
2019.1.0	November 7, 2019	Cypress v5 only Precalculated results Updates to Z6 VTE, Z13 N VTE, B GP Peds and 1 BH Infant
2019.1.1	December 19, 2019	Cypress v5 only CQL-based measures released in 2019 for the 2020 reporting year. Removed retired measures as announced on November 19, 2019.

Announcements

Tech Talk Date

- The Tech Talk originally scheduled for Tuesday, January 28, 2020 is rescheduled for Wednesday, January 29, 2020
- Same dial-in information

Now Available: New Modules on the CMS Measure Collaboration Workspace

- The Centers for Medicare & Medicaid Services (CMS) is excited to announce the availability of the <u>Measure Collaboration (MC) Workspace</u>. The December 2019 release includes three new modules to the MC Workspace: eCQM Concepts, New eCQM Clinical Workflow, and eCQM Test Results. The MC Workspace is made up of four modules to support measure collaboration:
 - eCQM Concepts allows users to search existing measure inventories and submit new measure concepts for consideration
 - New eCQM Clinical Workflow allows users to review sample clinical workflows associated with new eCQMs and an opportunity to provide feedback on anticipated challenges
 - The eCQM Data Element Repository provides data definitions to aid in measure implementation and data mapping
 - eCQM Test Results provides transparency into how measures are tested and allow users to express interest in participating in eCQM testing activities

For additional information, visit the Frequently Asked Questions at <u>https://ecqi.healthit.gov/mcw-faqs</u>. CMS encourages users to explore the <u>Measure</u> <u>Collaboration (MC) Workspace</u> and provide feedback at <u>ecqi-resource-center@hhs.gov</u>.

OPEN DISCUSSION

Next Cypress Tech Talk

- Wednesday, January 29, 2020 at 1pm ET
- To join online, visit: <u>https://global.gotomeeting.com/join/529898157</u>

11

- To join via phone, dial: 1-646-749-3122
- Meeting Number: 529 898 157
- Meeting link, as well as a calendar event file, available at:
 - https://www.healthit.gov/cypress/techtalks.html



- Completed Webinars will be posted on the Cypress website on the Tech Talks tab
 - https://www.healthit.gov/cypress/techtalks.html
- Send questions and feedback to the Cypress Talk List at
 - project-cypress-talk@googlegroups.com
- Report bugs and issues to the Cypress JIRA at
 - <u>https://oncprojectracking.healthit.gov/support/browse/CYPRESS</u>