Cypress™

Cypress Tech Talk

November 17, 2020

MITRE

The Office of the National Coordinator for Health Information Technology

CMS CENTERS FOR MEDICARE & MEDICAID SERVICES

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Agenda

- Software Updates
  - Telehealth Guidance
  - Other 6.0.1 Updates
- Recent Issue
  - Cypress Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

*See the Glossary at the back for definitions of terms

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Software Updates

Telehealth Guidance

- For CMS22v9, CMS69v9, CMS142v9, CMS143v9, and CMS771v2, telehealth encounters are not appropriate for the purpose of the measure
- Full guidance at: https://ecqi.healthit.gov/sites/default/files/2021-eCQM-Telehealth-Guidance-Document.pdf

TABLE 2. NOT ELIGIBLE FOR TELEHEALTH ENCOUNTER[b,c] ELECTRONIC CLINICAL QUALITY MEASURES FOR ELIGIBLE PROFESSIONALS AND ELIGIBLE CLINICIANS: 2021 REPORTING

CMS eCQM ID	MIPS Quality ID	Measure Title	Reason Not Eligible for Telehealth
CMS22v9[b]	317	Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented	Screening measure requires therapy, treatment, or assessment that cannot be conducted via telehealth
CMS69v9[b]	128	Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan	Screening measure requires therapy, treatment, or assessment that cannot be conducted via telehealth
CMS142v9[b]	019	Diabetic Retinopathy: Communication with the Physician Managing Ongoing Diabetes Care	Clinical action is not appropriate for remote visit
CMS143v9[b]	012	Primary Open-Angle Glaucoma (POAG): Optic Nerve Evaluation	Clinical action is not appropriate for remote visit
CMS771v2[b]	476	Urinary Symptom Score Change 6-12 Months After Diagnosis of Benign Prostatic Hyperplasia	Clinical action is not appropriate for remote visit
CMS75v9[c]	378	Children Who Have Dental Decay or Cavities	Measure does not contain telehealth-eligible codes
CMS129v10[c]	102	Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients	Measure does not contain telehealth-eligible codes and does not require an encounter during the measurement period
CMS133v9[c]	191	Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery	Measure does not contain telehealth-eligible codes and does not require an encounter during the measurement period

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Software Updates

Telehealth Modifiers

- Telehealth modifiers may be included in QRDA-I as “qualifier” elements
- These elements modify the existing telehealth-eligible codes
- For measures that aren’t eligible for telehealth, modifiers may nullify existing encounters that otherwise have an appropriate code

- Modifier/Qualifier QRDA-I Example:

```
        <code code="99396" displayName="Periodic comprehensive preventive medicine
reevaluation and management of an individual including an age and gender appropriate
history examination, counseling/anticipatory guidance/risk factor reduction
interventions, and the ordering of laboratory/diagnostic procedures, established
patient; 40-64 years" codeSystem="2.16.840.1.113883.6.12" codeSystemName="CPT">
        <qualifier>
          <name code="VR" displayName="Virtual" codeSystem="2.16.840.1.113883.5.4"
codeSystemName="ActCode"/>
          <value code="95" displayName="Synchronous Telemedicine Service Rendered
Via a Real-Time Interactive Audio and Video Telecommunications System"
codeSystem="2.16.840.1.113883.6.12" codeSystemName="CPT"/>
        </qualifier>
      </code>
```

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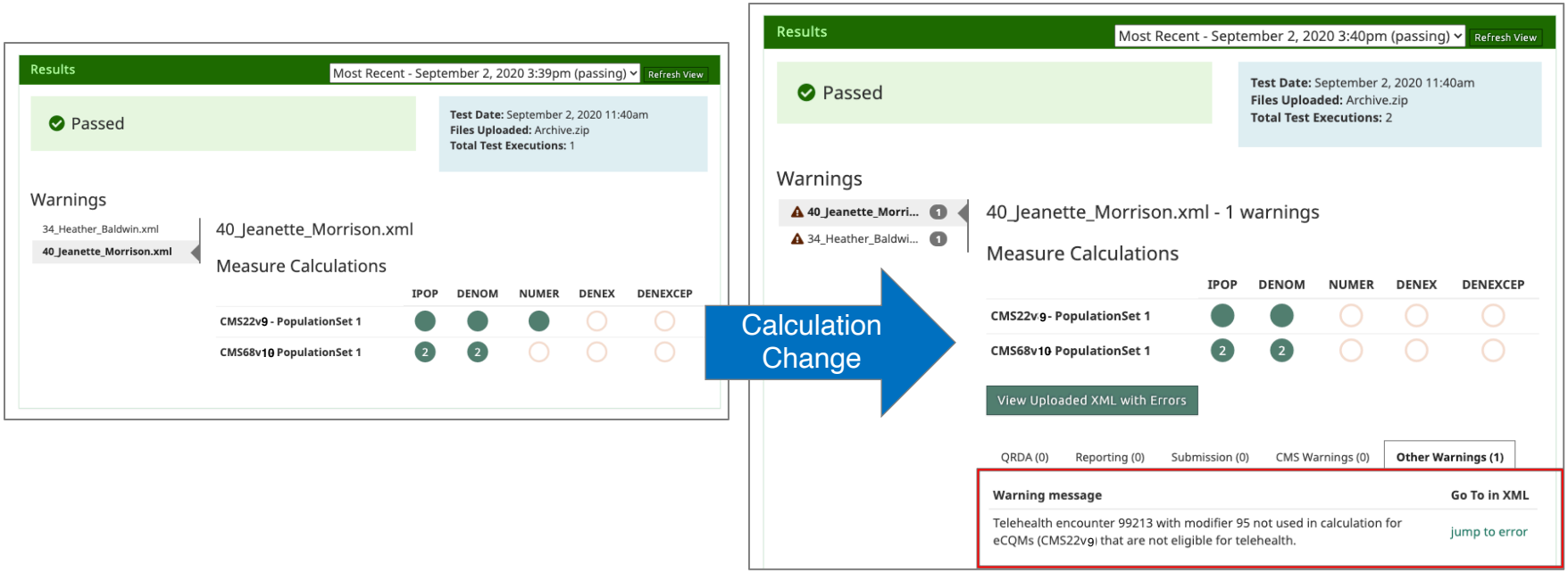
Software Updates

CVU+ Updates for Telehealth

- CVU+ removes any telehealth encounters for measures where telehealth is not applicable, thus nullifying the ineligible encounters
- Applicable only for HL7 CAT I Test
- CVU+ shows warning for telehealth encounters not used for calculation
- Updated in Cypress **v6.0.1**, released on **October 15, 2020**



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Software Updates

CVU+ Updates for Telehealth

- Cypress warning in QRDA XML

```
< entry >
  < act classCode = "ACT" moodCode = "EVN" >
    <!--Encounter performed Act -->
    < templateId extension = "2017-08-01" root =
    "2.16.840.1.113883.10.20.24.3.133" />
    < code code = "ENC" codeSystem = "2.16.840.1.113883.5.6" code
    displayName = "Encounter" />
    < entryRelationship typeCode = "SUBJ" >
      < encounter classCode = "ENC" moodCode = "EVN" >
        <!-- Encounter activities template -->
        < templateId extension = "2015-08-01" root = "2.16.840.1.
        <!-- Encounter performed template -->
        < templateId extension = "2017-08-01" root = "2.16.840.1.113883.10.20.24.3.23" />
        < id extension = "5f451554c1c3884aa0bff8a7" root = "1.3.6.1.4.1.115" />
        <!-- QDM Attribute: Code -->
        < code code = "99213" codeSystem = "2.16.840.1.113883.6.12" codeSystemName =
        "CPT" >
          < qualifier >
            < name code = "VR" displayName = "Virtual" codeSystem =
            "2.16.840.1.113883.5.4" codeSystemName = "ActCode" />
            < value code = "95" displayName = "Synchronous Telemedicine Service Rendered
            Via a Real-Time Interactive Audio and Video Telecommunications System"
            codeSystem = "2.16.840.1.113883.6.12" codeSystemName = "CPT" />
          </qualifier>
        </code>
```

hide error (1)

Execution Error (1)

Telehealth encounter 99213 with modifier 95 not used in calculation for eCQMs (CMS22v8) that are not eligible for telehealth.

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Software Updates

Additional Fixes in v6.0.1

- CYPRESS-2099 – Some Cypress test patients use Relevant dateTime when they should be using Relevant Period
  - Updated test patients in a 2020.0.4 bundle
- CYPRESS-2106 – Null Flavored effectiveTimes receive “Interval with nullFlavor low time and nullFlavor high time” warning
- CYPRESS-2124 – Cypress returning “internal error occurred” for facilityLocations with nullFlavored codes
- CYPRESS-2125 – Cypress will verify ‘Related To’ identifiers when validating files for CMS529v1
- CYPRESS-2130 – C1 Record Sample tests need to be toggled to single code negation with Direct Reference Codes

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Recent Issue

Cypress Known Issues Dashboard

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

Cypress Known Issues

Cypress 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: Cypress Known Bugs 5.2.0

Summary	2020 Performance Period EP/EC eCQMs	2020 Reporting Period EH eCQMs	Solution
CMS 145 Denominator Issue			
QRDA III giving C3 Execution: An internal error occurred			
QRDA-I Validation Error			

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Cypress Versions

Version	Dates	Measures Supported
V5.4.1	**June 4, 2020**	Contains feature improvements and fixes for bugs found in Cypress v5.2.0. Support for 2015 Certification Edition OR 2015 Certification Cures Updated Edition.
V5.4.2	**September 17, 2020**	Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL. Contains updates to support telehealth checking
V6.0.0	**July 23, 2020**	Support for QRDA Category 1 R5.2, Updated CMS IGs, and 2021 reporting/performance period eCQMs.
V6.0.1	**October 15, 2020**	Support for QRDA Category 1 R5.2, Updated CMS IGs, and 2021 reporting/performance period eCQMs. Updated support for telehealth checking.

Bundle Version	Dates	Features
2019.2.0	**September 17, 2020**	**Cypress v5 only** CQL-based measures released in 2019 for the 2020 reporting year. Contains updates for ELM issues found in CMS128v8, CMS146v8, and CMS56v8.
2020.0.3	**August 6, 2020**	**Cypress v6 only** CQL-based measures released in 2020 for the 2021 reporting year. Updated patients to use correct ‘wk’ unit and updated two patient effective times.
2020.0.4	**October 15, 2020**	**Cypress v6 only** CQL-based measures released in 2020 for the 2021 reporting year. Updated patients to use relevant dateTime or relevant period, as appropriate.

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OPEN DISCUSSION

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Next Cypress Tech Talk

- Tuesday, December 1, 2020 at 1pm ET
- To join online, visit: https://global.gotomeeting.com/join/529898157
- 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

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Notes

- **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**
  - https://oncprojectracking.healthit.gov/support/browse/CYPRESS

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Glossary

- CQL – Clinical Quality Language
- CVU – Cypress Validation Utility
- CVU+ – Cypress Validation Utility Plus Calculation Check
- EC – Eligible Clinician
- eCQM – Electronic Clinical Quality Measure
- EH – Eligible Hospital
- EP – Eligible Professional
- HL7 – Health Level Seven International
- IG – Implementation Guide
- QPP – Quality Payment Program
- QRDA – Quality Reporting Document Architecture

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