Agenda

- Software Updates
  - ELM 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
Software Updates

ELM Updates

- Expression Logical Model (ELM) Issue Impacting eCQMs for the 2020 Performance Period (eCQI Announcement)
  - Issue with how the ELM handles missing timing values during the evaluation of measure logic

- Impacted Measures
  - CMS128v8 Anti-depressant Medication Management
  - CMS146v8 Appropriate Testing for Children with Pharyngitis
  - CMS56v8 Functional Status Assessment for Total Hip Replacement

- Cypress Update
  - 2019 bundle update with updated ELM planned for September
  - Does not impact certification, but may impact CVU+ calculations
  - **2019.2.0** bundle release made available September 17, 2020
Software Updates
Telehealth Guidance

- For CMS22v8, CMS69v8, and CMS157v8, telehealth encounters are not appropriate for the purpose of the measure.

**TABLE 2. NOT ELIGIBLE FOR TELEHEALTH ENCOUNTER\textsuperscript{b,c} ELECTRONIC CLINICAL QUALITY MEASURES FOR ELIGIBLE PROFESSIONALS AND ELIGIBLE CLINICIANS: 2020 REPORTING**

<table>
<thead>
<tr>
<th>CMS eCQM ID</th>
<th>MIPS Quality ID</th>
<th>Measure Title</th>
<th>Reason Not Eligible for Telehealth</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS22v8\textsuperscript{b}</td>
<td>317</td>
<td>Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented</td>
<td>Screening measure requires therapy, treatment, or assessment that cannot be conducted via telehealth</td>
</tr>
<tr>
<td>CMS69v8\textsuperscript{b}</td>
<td>128</td>
<td>Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan</td>
<td>Screening measure requires therapy, treatment, or assessment that cannot be conducted via telehealth</td>
</tr>
<tr>
<td>CMS157v8\textsuperscript{b}</td>
<td>143</td>
<td>Oncology: Medical and Radiation - Pain Intensity Quantified</td>
<td>Measure guidance specifies face-to-face encounter is required</td>
</tr>
<tr>
<td>CMS129v9\textsuperscript{c}</td>
<td>102</td>
<td>Prostate Cancer: Avoidance of Overuse of Bone Scan for Staging Low Risk Prostate Cancer Patients</td>
<td>Measure does not contain telehealth-eligible codes and does not require an encounter during the measurement period</td>
</tr>
<tr>
<td>CMS133v8\textsuperscript{c}</td>
<td>191</td>
<td>Cataracts: 20/40 or Better Visual Acuity within 90 Days Following Cataract Surgery</td>
<td>Measure does not contain telehealth-eligible codes and does not require an encounter during the measurement period</td>
</tr>
</tbody>
</table>
**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:**

```xml
<code code="99396" display="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" display="Virtual" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode"/>
    <value code="95" display="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>
```
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 v5.4.2, released on September 17, 2020
  - Corresponding v6.0.1 update release anticipated October 15, 2020
Software Updates

CVU+ Updates for Telehealth

- Cypress warning in QRDA XML

```xml
<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" codeDisplay="Encounter" />
  <entryRelationship typeCode="SUBJ">
    <encounter classCode="ENC" moodCode="EVN">
      <!-- Encounte 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="5f451554c1c3884a0b8f8a7" 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" codeSystem="2.16.840.1.113883.5.4" codeSystemName="ActCode" />
      </name>
      <value code="95" codeDisplay="Synchronous Telemedicine Service Rendered Via a Real-Time Interactive Audio and Video Telecommunications System" codeSystem="2.16.840.1.113883.6.12" codeSystemName="CPT" />
    </encounter>
  </entryRelationship>
</act>
```

Execution Error (1)

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

Cypress Known Issues Dashboard

- [https://oncprojecttracking.healthit.gov/support/secure/Dashboard.jspa?selectPageId=18000](https://oncprojecttracking.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 Versions

<table>
<thead>
<tr>
<th>Version</th>
<th>Dates</th>
<th>Measures Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>V5.4.2</td>
<td>September 17, 2020</td>
<td>Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL. Contains updates to support telehealth checking</td>
</tr>
<tr>
<td>V6.0.0</td>
<td>July 23, 2020</td>
<td>Support for QRDA Category 1 R5.2, Updated CMS IGs, and 2021 reporting/performance period eCQMs.</td>
</tr>
<tr>
<td>V6.0.1</td>
<td>Anticipated October 15, 2020</td>
<td>Support for QRDA Category 1 R5.2, Updated CMS IGs, and 2021 reporting/performance period eCQMs. Updated support for telehealth checking.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bundle Version</th>
<th>Dates</th>
<th>Features</th>
</tr>
</thead>
</table>
| 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       | Anticipated 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.                                                                 |
Next Cypress Tech Talk

- Tuesday, October 20, 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
Notes

- Completed Webinars will be posted on the Cypress website on the Tech Talks tab
  - [https://www.healthit.gov/cypress/techtalks.html](https://www.healthit.gov/cypress/techtalks.html)

- Send questions and feedback to the Cypress Talk List at
  - [project-cypress-talk@googlegroups.com](mailto:project-cypress-talk@googlegroups.com)

- Report bugs and issues to the Cypress JIRA at
  - [https://oncprojecttracking.healthit.gov/support/browse/CYPRESS](https://oncprojecttracking.healthit.gov/support/browse/CYPRESS)
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