Agenda

- Software Updates
  - Cypress Validation Utility + Calculation Check (CVU+)
  - Bring Your Own Patient Feature
  - Upload Patients Demo
- Recent Issues
  - Record Sample Bugs: CYPRESS-1619, CYPRESS-1627, CYPRESS-1629
- Cypress Versions
- Open Discussion
- Contact Information
Software Update

Cypress Validation Utility + Calculation Check (CVU+)

- Cypress v5 will include a new set of features called Cypress Validation Utility + Calculation Check (CVU+)
- CVU+ seeks to address the vendor concern that the ‘certification process does not mirror a production scenario for electronic Clinical Quality Measure (eCQM) reporting’
  - Certification uses a constrained set of test patients
  - Certification does not enforce reporting program requirements (i.e., CMS Implementation Guide)
- CVU+ will supplement the existing certification program
  - Use of the CVU+ is not currently a requirement of the program
Software Update
CVU+ Feature – Bring Your Own Patients

- Enhanced verification of a Health IT system’s eCQM calculations
  - Using a combination of Cypress defined patients, and “bring your own” patients

- Demo feature: QRDA patient upload
  - A user can upload BYO patient files, specific to a Vendor
  - This will allow them to make CVU+ products with those patients
  - CVU+ products allow for more extensive testing
**Software Update**

CVU+ Feature – BYO Patients Upload Demo

- When a user is on their Vendor page, they can select ‘Vendor Patients’ to view their Patient List
- From their Patient List, they can choose to import new patients
Software Update
CVU+ Feature – BYO Patients Upload Demo

- A user can import a zip file of patients (using the QRDA Cat I Format), which updates the Patient List with the new patients.
Software Update
CVU+ Feature – BYO Patients Upload Demo

- Patient Upload does some basic error checking. When a user imports a zip file with some invalid patient files, only valid patients are added.
- The user will see an error message for files that cannot be imported.

![Software Update Image]
Software Update

CVU+ Feature – BYO Patients Upload Demo

- When a user selects a specific patient, they can view the calculations and HTML rendering for the uploaded patient.
Recent Issue

Record Sample Bugs in 4.0.2 patch release

CYPRESS Issue Tracker / CYPRESS-1619
Immunization, administered not complete for Record Sample test

Details
Type: Bug/Issue
Priority: Moderate
Resolution: IN PROGRESS
Labels: KnownBug4.0.2, RecordSampleBug

Description
Duplication of issue on google group for tracking purposes.
Record Sample test for CMS 127v7 may include an Immunization, Administered data criteria. When this is correctly put into a file pass. Cypress is looking for an authorDatetime in an empty entry which there is no authorDatetime because as the implementation guide is used for that the authorDatetime element in question.

Dates
Created: 02/11/19 9:35 AM

500 Server Error when loading C1 Sample including STK-6

Details
Type: Bug/Issue
Status: IN PROGRESS
Priority: Moderate
Resolution: Unresolved
Labels: KnownBug4.0.2, RecordSampleBug
Impact: Unable to open C1 Sample for CMS 105 (STK-6)
Recent Issue

4.0.2 Record Sample Bugs

- **CYPRESS-1619**: Immunization, Administered authorDatetime in Record Sample
- **CYPRESS-1627**: Substance, Administered template not found in Record Sample submissions
- **CYPRESS-1629**: Criteria (LDL-c) in CMS105v7 causes error when accessing Record Sample

**Workaround:**
- Only necessary if Record Sample Test is generated with problematic criteria
- That data criteria may be swapped out for any other available data criteria option
- May reach out to ATL to edit the test and swap this criteria
- Search with `labels = KnownBug4.0.2 AND labels = RecordSampleBug` to find marked relevant bugs
# Cypress Versions

## Version Dates Measures Supported

<table>
<thead>
<tr>
<th>Version</th>
<th>Dates</th>
<th>Measures Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>V 3.2.3</td>
<td>December 14, 2017</td>
<td>Support for the electronic clinical quality measures (eCQM) for the 2018 Reporting/Performance Period *will be supported alongside Cypress v4</td>
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<tr>
<td>V4.0.1</td>
<td>October 11, 2018</td>
<td>Support for the eCQMs for the 2019 Reporting/Performance Period Support for Clinical Quality Language (CQL) calculation</td>
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<tr>
<td>V4.0.2</td>
<td>January 31, 2019</td>
<td></td>
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## Bundle Version Dates Features

<table>
<thead>
<tr>
<th>Bundle Version</th>
<th>Dates</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017.0.3</td>
<td>April 24, 2018</td>
<td>Cypress v3 only “Z1 BH Adult” updated for CMS128v6</td>
</tr>
<tr>
<td>2017.0.4</td>
<td>September 25, 2018</td>
<td>Cypress v3 only Errata update to fix ‘Download All Patients’ feature when 2017.0.3 and 2017.0.2 are installed simultaneously</td>
</tr>
</tbody>
</table>
OPEN DISCUSSION
Next Cypress Tech Talk

- Tuesday, March 26, 2019 at 1pm ET
- To join online, visit: [https://meetings.cms.gov/orion/joinmeeting.do?MTID=98271705d4bc4ad148cf1e39d5c7408](https://meetings.cms.gov/orion/joinmeeting.do?MTID=98271705d4bc4ad148cf1e39d5c7408)
- To join via phone, dial: 1-877-267-1577
- Meeting Number: 998 084 717
- Meeting link, as well as a calendar event file, available at:
  - [https://www.healthit.gov/cypress/techtalks.html](https://www.healthit.gov/cypress/techtalks.html)
Notes

- Completed Webinars will be posted on the Cypress Website on the Timeline 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://oncprojecttracking.healthit.gov/support/browse/CYPRESS