Cypress™

Cypress Tech Talk

August 13, 2019



















Agenda

- Software Updates
 - Cypress Validation Utility + Calculation Check (CVU+)
 - Cypress 5 Releases
 - Upcoming Feature: CVU+ Measure Highlighting
 - Recent Updates
- Recent Issues
- Cypress Versions
- Open Discussion
- Contact Information

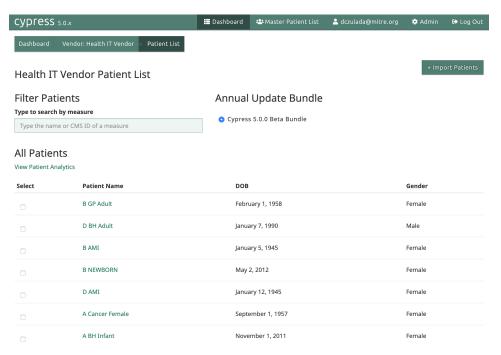
Software Update

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

Perform Tests using Developer-Generated test patients

- CVU+ supports developer-generated test patients, allowing vendors to supplement Cypress test patients with their own test patients to increase eCQM logic/code coverage.
 - Pre-certification tests will no longer be constrained to using Cypress generated tests patients

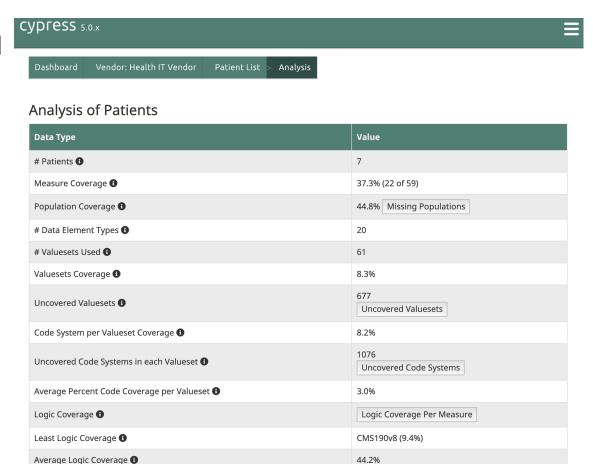


Analyze rigor of Developer-Generated test patients

 CVU+ performs analysis on uploaded developer-generated test patients.

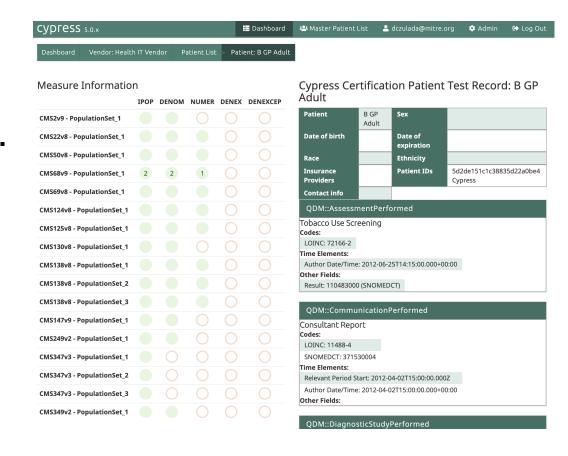
Statistics include:

- Measure Coverage
- Logic Coverage
- Valuesets used
- Code Systems used
- Data Element Types used



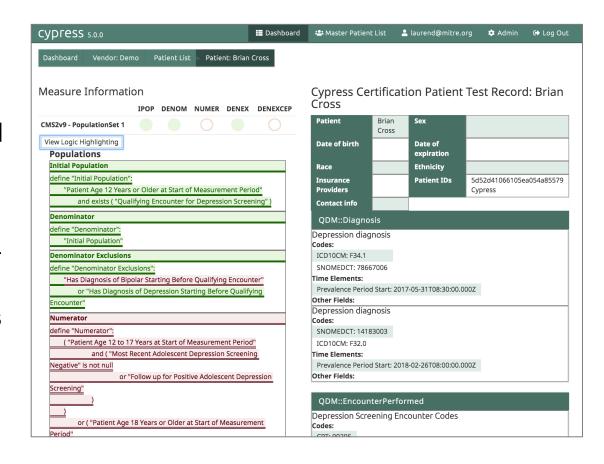
Verify QRDA Export and eCQM Calculations

- CVU+ performs and displays eCQM calculation for uploaded developergenerated test patients.
- eCQM calculations are displayed for all eCQMs where developer-generated test patients meet the IPP requirements.



Upcoming Feature: Measure Highlighting

- In addition to calculation data, CVU+ will show clause highlighting to better understand calculations
- Green: clause criteria is met by patient
- Red: clause criteria is not met by patient
- None: N/A, clause criteria is not evaluated



Software Update

Cypress 5 Releases

Cypress v5 Alpha

- Released May 23, 2019
- Includes CVU+ features and Annual Update Measures posted May 13, 2019
 - Posted on resource center: https://ecqi.healthit.gov/
- Available as a virtual machine (VM) download

Cypress v5 Beta

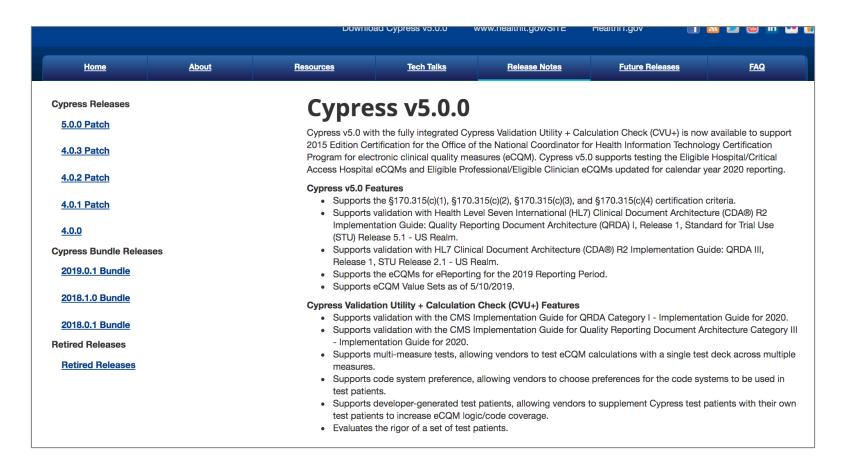
- June 20, 2019
- Available as a VM download

Cypress v5 Official Release

- July 25, 2019
- Available as a VM, AMI, and on the demo server: <u>cypress.healthit.gov</u>

Software Update Cypress v5 Release

https://www.healthit.gov/cypress/release.html#5.0.0



Software Update CVU Standalone

CVU no longer available as a standalone application

- 2020 reporting period measures and moving forward
- Functionality subsumed by CVU+

CVU+

- Can utilize validation logic through creating a CVU+ product
- Tests for CVU+ products include CMS Program Tests which will run program-specific validations

Validation for 2019 reporting period

- CVU is still available as a standalone application for 2019 reporting period
- CVU is available with Cypress 4.0.3 as a VM, AMI, or through Chef installation

Cypress Versions

Version	Dates	Measures Supported
V4.0.3	May 2, 2019	Latest version supporting eCQMs for the 2019 Reporting/Performance Period and CQL. Fixes record sample and other 4.0.2 bugs.
V5.0.0	July 25, 2019	Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL.

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.
2019.0.1	July 25, 2019	Cypress v5 only CQL-based measures released in 2019 for the 2020 reporting year eCQM Value Sets as of 5/10/2019.

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, August 27, 2019 at 1pm ET
- To join online, visit: https://meetings.cms.gov/orion/joinmeeting.do?MTID=98271705d4bc c4ad148cf1e39d5c7408
- 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

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