

# Cypress™

## Cypress Tech Talk

August 10, 2021



**MITRE**

The Office of the National Coordinator for  
Health Information Technology



# Agenda

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- Software Updates
  - Cypress 6.2.1
- Recent Issue
  - Cypress Known Issues Dashboard
  - eCQM Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

\*See the Glossary at the back for definitions of terms

## *Software Updates*

# Cypress 6.2.1

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### ■ **Cypress 6.2.1**

- Released 7/22/21
- Supports both the 2021 bundle (for the 2022 reporting period) and the 2020 bundle (for the 2021 reporting period)

### ■ **Features**

- 2022 CMS Implementation Guide for Quality Reporting Document Architecture Category III - Implementation Guide for 2022
- Displays metadata for failing test uploads (CYPRESS-2268)

### ■ **Bugs Addressed**

- CCDE validator required uppercase version specific ID (CYPRESS-2273)
- Full Test Deck Download failure for C4 tests (CYPRESS-2270)

## Recent Issue

# Cypress Known Issues Dashboard

- <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 Known Issues

Filter Results: Cypress Known Bugs 6.2.0			
Summary	2022 Performance Period EP/EC eQMs	2022 Reporting Period EH/CAH eQMs	Solution
[Cypress 6.2.0] Full Test Deck Download Fails After Updating To 6.2.0			Re-running the update script should fix this issue. <a href="https://github.com/projectcypress/cypress/wiki/Cypress-6.x-Upgrade-Instructions">https://github.com/projectcypress/cypress/wiki/Cypress-6.x-Upgrade-Instructions</a>
1-1 of 1			

## *Recent Issue*

# eCQM Known Issues Dashboard

- The eCQM Known Issues Dashboard provides implementation information for eCQMs with known technical issues for which a solution is under development but not yet available in a published eCQM specification
- Issues on the eCQM Known Issues [dashboard](#) include discrepancies between eCQM narrative and logic, value sets, and/or technical, standard, or logic-related issues for EH/critical access hospital (CAH) and eligible provider/eligible clinician (EP/EC) eCQM
- Visit the [eCQM Known Issues dashboard](#) at <https://oncprojecttracking.healthit.gov/support/secure/Dashboard.jspa?selectPageId=10000> to learn more
- Note: The implementation information does not (and should not be perceived to) replace regulatory guidance. For questions related to eCQM implementation specifications, logic, data elements, standards, or tools, please use the [eCQM Tracker](#) in the [ONC Project Tracking System \(Jira\)](#): <https://oncprojecttracking.healthit.gov>

## Recent Issue

# eCQM Known Issue EKI-12

## ■ EKI-12

- <https://oncprojecttracking.healthit.gov/support/browse/EKI-12>
- **eCQMs Impacted** – CMS145v9/CMS145v10 - Coronary Artery Disease (CAD): Beta-Blocker Therapy-Prior Myocardial Infarction (MI) or Left Ventricular Systolic Dysfunction (LVEF <40%)
- **Issue** – Measure logic may not restrict patients to a single population if they have both myocardial infarction (MI) within the past 3 years and a current or prior LVEF < 40% (or moderate or severe LVSD), and the LVSDFindings start after the first qualifying encounter and before the end of the second qualifying encounter.

### Measure:

#### ▲ Denominator 1

"Initial Population"  
and exists "Qualifying CAD Encounter and Moderate or Severe LVSD"

#### ▲ Denominator 2

"Initial Population"  
and exists "Qualifying CAD Encounter and Prior MI"

### Stated Guidance:

If a patient has had a myocardial infarction (MI) within the past 3 years and a current or prior LVEF < 40% (or moderate or severe LVSD), the patient should only be counted in Population Criteria 1.

## Recent Issue

# eCQM Known Issues Dashboard

## Cypress Known Issues Dashboard

Covers Cypress-specific issues

Managed by the Cypress Team in Jira

Contains issues from Cypress Jira project

## eCQM Known Issues Dashboard

Covers technical issues that impact one or more eCQMs

Managed by the EH and EP eCQM Teams in Jira

Contains issues meeting “eCQM known issues” criteria from the CQM Jira project

# Cypress Versions

Version	Dates	Measures Supported
V6.1.2	February 11, 2021	Updates to support new schematron and MIPS APM Entity for the 2021 reporting/performance period eCQMs.
V6.2.0	June 24, 2021	Full support for the 2022 reporting/performance period eCQMs.
V6.2.1	July 22, 2021	Full support for the 2022 reporting/performance period eCQMs adding released CMS QRDA III IG.

Bundle Version	Dates	Features
2020.0.5	February 19, 2021	<b>Cypress v6 only</b> Calculations for Master Patient List updated to reflect updated guidance for Relevant dateTime/Relevant Period and addresses issues with time zone offsets.
2021.0.2	June 24, 2021	<b>Cypress v6 only</b> Measures and patients released in 2021 for the 2022 reporting year.



# OPEN DISCUSSION

# Next Cypress Tech Talk

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- Tuesday, August 24, 2021 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

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- **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](mailto:project-cypress-talk@googlegroups.com)
- **Report bugs and issues to the Cypress JIRA at**
  - <https://oncprojecttracking.healthit.gov/support/browse/CYPRESS>

# Glossary

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- **API – Application Programming Interface**
- **CCDE – Core Clinical Data Elements**
- **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**
- **UMLS – Unified Medical Language System**