Clinical Quality Information Home

The Clinical Quality Information (CQI) Work Group creates and maintains HL7 standards supporting quality measuring, evaluating, and reporting of quality data.

Specific areas of interest include the measurement and reporting of quality and its dimensions including: safe, effective, patient-centered, timely, efficient, and equitable as defined by the Institute of Medicine (now the US Academy of Medicine).

CQI Governance

Current CQI Mission and Charter
Current Workgroup Strengths, Weaknesses, Opportunities, and Threats (SWOT)
Current 3-Year Plan
Current Decision Making Plan (DMP)

CQI Documents

HL7 Calendars - Includes dates for Ballot content and voting, HL7-FHIR, Co-chair health and election, WGM registration

CQI Workgroup Meetings

Weekly Conference Calls

https://zoom.us/j/7774142910?pwd=OE9BV2N0TnMzbEpqUfIdW1IM5sZz09

Phone Number: +1 646-558-8656
Participant Passcode: 777 414 2910

Recurring Monthly Conference Call Topics First Friday of each month - STU comments (if any) Second Friday of each month - Industry updates

CQI Conference Call Agendas and Minutes - April 2018 forward (migrate to Confluence from Wiki)

CQI Conference Call Minutes through March 2018 are available on CQI's HL7 website.

Current CQI Sub-Workgroup Calls

CQI FHIR Quality Measure Project Sub-Group Calls:

- Tuesdays from 10:00 to 11:00 AM ET US
- https://zoom.us/j/7774142910?pwd=OE9BV2N0TnMzbEpqUfIdW1IM5sZz09
- Phone Number: +1 646-558-8656
- Participant Passcode: 777 414 2910
- CQI Workgroup FHIR Quality Project Sub-Group Minutes

DEQM (Data Exchange for Quality Measures) Project Calls:
Thursdays from 3 - 4 PM ET
https://www.gotomeet.me/DaVinciTechnical
United States: +1 (646) 749-3122
Access Code: 255-559-629
The recurring call details is available on HL7 website Conference Calls Center
Link to minutes of DEQM project calls: DEQM Meetings

Gaps in Care DaVinci calls:
- Thursdays, 2:00 - 3:00 PM ET Starting November 21, 2019
- Link: https://global.gotomeeting.com/join/452754573
- Phone number: +1 (571) 317-3122
- Participant Passcode: 452-754-573

QUICK modeling review every other week on CQI WG calls
Overview located at: 2019-05-08 CDS WG Minutes Montréal

Face-to-face Working Group Meetings (WGM)
Current WGM
September 14-20, 2019
Atlanta, Georgia, USA

September 2019 - Atlanta WGM Agenda
May, 2019 - CQI WGM Montreal, Canada - Agenda
Jan 2019 WG, San Antonio, TX - Agenda
CQI WGM Agendas (since 2013) and Meeting Minutes (starting May 2018)
CQI WGM Minutes through January 2018 are available on CQI's HL7 website.

Implementation-Related Listserves
- fhir-cri - FHIR-based Clinical Reasoning Implementers - The purpose of this list serve is for discussions and information sharing among implementers of FHIR-based clinical reasoning content (including CQF-on-FHIR and QI Core/QUICK). Requests for updates or modifications to existing standards will still require entry of issues on the respective HL7 STU sites. The CQI Workgroup provides this service to enable communication among implementers.
- hqmf-qrda - HQMF-QRDA Implementers - The purpose of this list serve is for discussions and information sharing among implementers of HL7 standards used for clinical quality measurement and reporting, specifically HQMF and QRDA. Requests for updates or modifications to existing standards will still require entry of issues on the respective HL7 STU sites. Specific issues about standards and about individual measures should still be addressed through the ONC Jira process. The CQI Workgroup provides this service to enable communication among implementers.

Interest Groups:
Behavioral Health HL7 Interest Group (migrate to Confluence from Wiki)

CQI Projects - Current (projects in red will be balloted in next cycle)
- HL7 Version 3 Standard: Representation of the Health Quality Measures Format (eMeasure), Release 1 (PI ID: 508)
- HL7 FHIR® Implementation Guide: Clinical Quality Framework (CQF on FHIR), Release 1 (PI ID: 1234) (Co-Primary with CDS)
- HL7 FHIR® Profile: Quality, Release 1 - US Realm (PI ID: 1125)
- Gaps in Care (PI ID: 1427) - Content incorporated into Data Exchange for Quality Measures (PI ID: 1429)
- FHIR Quality Measure Implementation Guide PSS (PI ID: 1499)
- Outcome Criteria Framework Implementation Guide (PI ID: Pending)
- QDM-based HQMF Implementation Guide Withdrawal (PI ID: 1500) - Withdrawn
Co-sponsored Projects - Current

- HL7 Cross-Paradigm Specification: Clinical Quality Language, Release 1 (PI ID: 1108) (CDS Primary, CQI co-sponsor)
- HL7 Cross-Paradigm Specification: CIMI Logical Models, Release 1 (PI ID: 1253) (CIMI Primary, CQI co-sponsor)
- HL7 Cross Paradigm Specification: Neutral Mapping Notation, R1 (Project 1237 – FluentPath - Aligning FHIRPath with CQL --- co-sponsoring with CDS, ITS <primary>, FHIR)
- CrossParadigm IG Medical Device Interoperability (PSS: CrossParadigm_Ig_Medical_Device_interoperability.v.4.docx)
- Composite KNART Investigation (PSS: 1336)
- CrossParadigm_Storyboard_Artifact_Value_Based_Care(PSS: 1347)
- Clinical Decision Support Big Picture Implementation Guide (PI ID: tbd) (Arden Syntax Primary, CQI and CDS co-sponsor)
- FHIR Public Health Electronic Case Reporting (eCR) (PI ID: tbd) CQI and CDS co-sponsor with CIMI as an interested party
- US FHIR Core Updates PSS (PI ID: 1265) (US FHIR Primary, CQI and CDS co-sponsor with CIMI as an interested party)US-Core build site based on FHIR 3.0.1 (not yet published)
- Evidence-Based Medicine on FHIR (CDS sponsor, COI co-sponsor) EBM on FHIR Project Initiation Tasks (Project ID 1422) EBM on FHIR Wiki
- Representation of Clinical Practice Guideline Recommendations in FHIR (CDS Sponsor - Project ID: Pending)

Recent space activity

- Floyd Eisenberg
  - CQI WG FHIR Quality Project Sub-Group 9 June 2020 updated yesterday at 3:02 PM • view change

- Yan Heras
  - QRDA Category I Release STU 5.2 Errata commented yesterday at 7:37 AM
  - QRDA Category I Release STU 5.2 Errata updated yesterday at 7:33 AM • view change

- Paul Denning
  - CQI WG FHIR Quality Project Sub-Group 9 June 2020 updated Jun 08, 2020 • view change

Space contributors

- Floyd Eisenberg (1 day ago)
- Yan Heras (1 day ago)
- Paul Denning (2 days ago)
- Juliet K. Rubini (9 days ago)
- Patricia Craig (11 days ago)
- ...