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

Fridays from 1:00 - 3:00 PM ET US

Go to HL7 Events Calendar and select Conference Calls to find information for conference calls

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:

- Meets Wednesdays 10:00 - 11:00 AM ET US
- Go to HL7 Events Calendar and select Conference Calls to find information for conference calls
- CQI Workgroup FHIR Quality Project Sub-Group Minutes

DEQM (Data Exchange for Quality Measures)/Gaps in Care DaVinci Project Calls:

- Thursdays, 2:00 - 3:00 PM ET (Call changed from 2 hours to 1 hour starting from February 11, 2021)

Co-Chairs

Floyd Eisenberg
Phone: (202) 643-6350
Position: iParsimony, LLC
Location: Washington, DC
TERM: through December 2022

Juliet K. Rubini
Phone: 4154207444
TERM: through December 2022

Patricia Craig
TERM: through December 2021

Yan Heras
TERM: through December 2021

Paul Denning
Location: Bedford, MA
TERM: through December 2021

Previous Co-chairs: KP Sethi, Walter Suarez, Crystal Kallem, Chris Millet
QUICK modeling review every other week on CQI WG calls

Overview located at: 2019-05-08 CDS WGM Minutes Montréal; Follow up January 23, 2021 WGM: Wed 1/27 Q1 WGM Minutes - CDS Hosts CQI and CIMI

Face-to-face/Virtual Working Group Meetings (WGM)
Next Virtual WGM
May 24-28, 2021

May CDS-CQI - WGM Agenda May 2021
January 2021 Virtual WGM Agenda - CQI-CDS
September 2020 Virtual WGM Agenda - CQI

May 2020: CQI 2020 May 18-22 - Virtual Meetings (minutes accessible from this page)
February 2020: CQI Agenda February 2020 WGM (Sydney, Australia) (minutes accessible from this page)

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) 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® Profile: Quality, Release 1 - US Realm (PI ID: 1125)
- HL7 CDA® R2 Implementation Guide: Supplemental QRDA Clinical Quality Data Sharing User Guide, Release 1 (PI ID: 1234) (Co-Primary with CDS)
- FHIR IG for Exchange of Data for Quality Measures (PI ID: 1429) Latest Version (pre-publication) Data Exchange for Quality Measures (Sept ember 2020 Ballot for Gaps in Care)
- 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
- HL7 FHIR Guidance: Quality Reporting R1 US Realm (Informative - Project Insight 1598)

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_Payer_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, CQI 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

Katiya Shell
2021-08-20 Meeting Agenda commented Aug 20, 2021

Yan Heras
2021-08-13 Meeting Minutes updated Aug 20, 2021 • view change
2021-08-20 Meeting Minutes updated Aug 20, 2021 • view change

Floyd Eisenberg
2021-08-20 Meeting Agenda updated Aug 19, 2021 • view change

Juliet K. Rubini
2021-08-20 Meeting Agenda updated Aug 18, 2021 • view change

Space contributors

• Yan Heras (1 day ago)
• Floyd Eisenberg (2 days ago)
• Juliet K. Rubini (3 days ago)
• Vadim Peretokin (13 days ago)
• Patricia Craig (15 days ago)
• ...