** Publication Request of HL7 Standards Material**

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| Standards Material/Document - check one: |
|  | Normative | x | STU |
|  | Informative |  | STU Extension |
|  | Errata |  | Unballoted STU Update |

**Please use this form to submit the request to the TSC.**

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| Date of this request:  | 2018-06-15 |

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| If you checked STU above: |

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| Trial Use period requested for STU e.g.: One year, or other up to two years maximum (please specify): |  |
| If you checked STU extension above: |  |
| Reason for extension, timeline, and actions according to [GOM](http://www.hl7.org/permalink/?GOM) 13.02.07.02, Extending the Trial Use Period: |  |
| Original Publication Date: |  |
| End date of the current STU period: |  |
| Length of the requested extension: |  |
| If you checked Unballoted STU Update above: |  |
| Describe the review process that was followed (peer review, wiki, comment ballot): |  |

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| --- | --- |
| HL7 Work Group making this request and date /URL of approval minutes: | Clinical Quality Information2018-06-15 - <http://wiki.hl7.org/index.php?title=04_May_2018_CQI_Conference_Call_Minutes&action=edit&redlink=1>  |
| HL7 Product Management Group /date / URL of approval minutes: |  |
| Balloted Name of the standard for which request is being made: | HL7 FHIR® Profile: Quality, Release 1 - US Realm (PI ID: 1125) |
| If CMET, list IDs balloted: | *COCT\_MTxxxxxx* |

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| Project Insight Number or URL of Project Scope Statement: | 1215 |

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| Document Realm:  | US Realm |
| Ballot cycle in which the document was successfully balloted: | 2018-JAN |

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| Results of that ballot (following reconciliation activities): *(not needed for errata, STU extension, or unballoted STU update)* |
| Vote | Number  | Vote | Number  |
|  |  |  |  |
| Affirmative | 52 | Not Returned | 18 |
| Negative | 2 | Total in ballot pool | 139 |
| Abstentions | 67 | Needed for Passage | 60% of 54 = 33 |

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| Date on which final document/standards material was supplied to HQ  | 2018-05-04 |
| URL of publication material/ SVN repository and publishing facilitator: |  |
| Special Publication Instructions: |  |

*(not needed for STU extension or errata)*

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| URL of ballot reconciliation document: | http://www.hl7.org/ctl.cfm?action=ballots.tallydetail&ballot\_id=1591&ballot\_cycle\_id=545&ballot\_voter\_id=12639 |

*(not needed for STU extension or errata)*

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| Has the Work Group posted its consideration of all comments received in its reconciliation |
| document on the ballot desktop?  | X | Yes |  | No |
| Substantive Changes Since Last Ballot? |  | Yes | X | No |

Please provide the following information for the publication of the product brief:

**Family**: (select one)

* Arden
* CCOW
* **CDA √**
* Cross-Paradigm
* Education
* EHR
* FHIR
* V2
* V3

**Section**: (select those that are applicable:)

* **Clinical and Administrative Domains √**
* EHR Profiles
* Implementation Guides
* Rules and References
* Education and Awareness

**Category**: (select those that are applicable:)

| *e.g. briefs under Clinical and Administrative Domains* | *e.g. briefs under Rules and References* |
| --- | --- |
| Cardiology  | CCOW |
| Care Provision | Data Types |
| Clinical Genomics  | Decision Support |
| **√ Clinical Quality** | Encoding Syntax |
| Clinical Statement  | Methodology Specifications |
| Community-Based Health | Security and Privacy |
| Decision Support | Services  |
| Domain Analysis Model | Specification Errata |
| Emergency Management | Standard Reference Materials |
| Financial Management | Structures |
| Functional Profile | Terminology |
| HHSFR | Transport Specifications |
| Laboratory |  |
| Materials Management |  |
| Medical Records | Other: (Please describe) |
| Nutrition Orders |
| Patient Administration |  |
| Patient Care |  |
| Patient Referral |  |
| Personnel Management |  |
| Pharmacy |  |
| Public Health |  |
| Regulated Products |  |
| Regulated Studies |  |
| Scheduling |  |
| Services |  |
| SPL |  |
| Other: (Please describe) |  |

**Parent standard**: (e.g. the standard to which an implementation guide applies)

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| HL7 FHIR STU 3 |

**Update/replace standard**: (e.g. is this a STU update, or is there an R1 specification which an R2 publication updates or replaces) – Please specify if this publication has a replacement, supplemental or addendum relationship to a prior standard or STU:

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**Common name/search keyword**: Please specify if the publication is known by a common name internally to the Work Group or a specific search term/acronym should be provided to help users find the product.

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| Common Names/Aliases: QRDA Data Sharing User Guide |
| Search Keywords: |

**Description**: This is typically a short paragraph summarizing the use and intent of the standard, such as would be found in an overview paragraph in the published specification.

The QI Core Implementation Guide defines a set of FHIR profiles with extensions and bindings needed to create interoperable, quality-focused applications. The profiles in this implementation guide derive from and extend the [US Core](http://hl7.org/fhir/us/core) profiles to provide a common foundation for building, sharing, and evaluating knowledge artifacts across quality improvement efforts in the US Realm.

As an HL7 FHIR Implementation Guide, changes to this specification are managed by the sponsoring workgroup, [Clinical Quality Information](http://www.hl7.org/Special/committees/cqi/index.cfm), and incorporated as part of the standard balloting process. The current roadmap follows closely behind the base FHIR roadmap, and the US Core Implementation Guide.

**Targets**: These are categories of potential users, implementers, or other interested parties such as those that are indicated on the Project Scope Statement under “Stakeholders/Vendors/Providers”. Select those that are applicable, or suggest others:

| **Stakeholders** | **Vendors** | **Providers** |
| --- | --- | --- |
| [ ]  Clinical and Public Health Laboratories | [ ]  Pharmaceutical | [ ]  Clinical and Public Health Laboratories |
| [x]  Immunization Registries | [x]  EHR, PHR | [ ]  Emergency Services |
| [x]  Quality Reporting Agencies | [ ]  Equipment  | [ ]  Local and State Departments of Health |
| [x]  Regulatory Agency | [x]  Health Care IT | [ ]  Medical Imaging Service |
| [x]  Standards Development Organizations (SDOs)  | [x]  Clinical Decision Support Systems | [x]  Healthcare Institutions (hospitals, long term care, home care, mental health) |
| [x]  Payors  | [ ]  Lab | [ ]  Other (specify in text box below) |
| [ ]  Other (specify in text box below) | [x]  HIS | [ ]  N/A |
| [ ]  N/A | [ ]  Other (specify below) |  |
|  | [ ]  N/A |  |

**Benefits**: This section will describe the benefits the standard or its implementation provides to healthcare, information technology, interoperability and the like. This section is often difficult to compose and will require careful editing by the review group(s). Please create phrases such as:

* Encouraging consistent access and use of data for clinical quality applications, across organizations and between healthcare systems,
* Providing guidance for consistent use of vocabularies and value sets, and
* Standardizing the requirements for data servers and data consumers (clients) that exchange quality-related clinical data needed for calculation of quality measures and decision support.

**Implementations/Case Studies**: This section would identify the known implementers of the standard, production or STU implementers, or any known adopters of the specification. Agencies or other organizations that sponsored the development of the specification could be listed here.

* TBD

**Development Background**: This section may be used for additional important information beyond the short summary in the Description, such as would be found in an Introduction section, in the published specification.

In the U.S. Realm, the common reference model for electronic clinical quality measures (eCQMs) is the [Quality Data Model (QDM)](http://www.qualityforum.org/QualityDataModel.aspx). For clinical decision support, a common reference model is the [HL7 Virtual Medical Record for Clinical Decision Support(vMR)](http://www.hl7.org/implement/standards/product_brief.cfm?product_id=271). Decision support and quality measures are closely related, and can be viewed as "two sides of the same coin". Specifically, decision support provides guidance for clinical best practices, and quality measures assess whether clinical best practices have been followed. It therefore makes intuitive sense to use the same common reference model for both types of applications.

The resulting unified model is known as QUICK. QUICK is a logical model consisting of objects, attributes, and relationships. QUICK provides a uniform way for clinical decision support and quality measures to refer to clinical data. Authors of quality measures and clinical decision support artifacts may use QUICK, together with HL7's Clinical Quality Language (CQL), to create interoperable and executable knowledge artifacts.

This project is part of an effort to align the HL7 Product Family in the area of health quality improvement. The goal is to have a single logical data model (QUICK), as well as a single logical processing language (CQL), for CDS and clinical quality measurement (CQM). This alignment will lessen the cost and complexity for product developers and vendors, reduce the learning curve, and consolidate efforts to maintain multiple standards.

**Reviewed By, and Date**: (i.e. the group or individuals endorsing this product brief information and the date the endorsement was approved)

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| Floyd Eisenberg, CQI, 06/15/2018 |

Email this Request to TSCPM@HL7.org and DTP@HL7.org.