** Publication Request of HL7 Standards Material**

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

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

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| Date of this request:  | 2018-12-21 |

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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): | A link to the update and a comment page provided to the CQI WG on November 30, 2018 (via listserv) - <http://build.fhir.org/ig/cqframework/qi-core/>. An HL7 wiki comment page (<http://wiki.hl7.org/index.php?title=QI_Core_STU_3.2_Update_Comment_Page>) The HL7 Comment page referred members to the FHIR tracker site. The CQI WG minutes on December 7 and December 14 reviewed the content of the update (<http://wiki.hl7.org/index.php?title=Clinical_Quality_Information_Conference_Call_Agendas_and_Minutes>) and FHIR tracker items related to the update were resolved on December 14 and December 21 (see CQI minutes). The changes based on the FHIR tracker item resolution were applied to the update and the CQI WG approved the update with these changes. Approval occurred in the CQI WG minutes on December 21, 2018 (minutes accessed from the same link provided above). |

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| HL7 Work Group making this request and date /URL of approval minutes: | Clinical Quality Information, December 21, 2018, <http://wiki.hl7.org/index.php?title=Clinical_Quality_Information_Conference_Call_Agendas_and_Minutes> |
| 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) |
| *Requested* name for published standard: | **Qi-Core Implementation Guide: STU** *(v3.2.0 for FHIR 3.0.1)* |
| If CMET, list IDs balloted: | *COCT\_MTxxxxxx* |

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| Project Insight Number or URL of Project Scope Statement: | 1125 |

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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 | 53 | Not Returned | 18 |
| Negative | 1 | Total in ballot pool | 139 |
| Abstentions | 67 | Needed for Passage | 33 |

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| Date on which final document/standards material was supplied to HQ  | 2018-12-21 |
| URL of publication material/ SVN repository and publishing facilitator: | <http://build.fhir.org/ig/cqframework/qi-core/> |
| 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? | x | Yes |  | 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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| FHIR 3.0.1 |

**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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| Replaces **Qi-Core Implementation Guide: STU3** *(v3.1.0 for FHIR 3.0.1)* <http://hl7.org/fhir/us/qicore/index.html>  |

**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: QICore |
| Search Keywords: Quality |

**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.

This STU update to the QI-Core profiles incorporates updates to the US-Core profiles, version 1.1.0. Specifically, it changes the QICore-Encounter and QICore-PractitionerRole profiles to be derived from the new USCore-Encounter and USCore-PractitionerRole profiles, rather than directly from the base resources, as well as changes the QICore-Coverage profile type element to bind to the SOP Payer value set.

**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 |
| [ ]  Immunization Registries | [x]  EHR, PHR | [ ]  Emergency Services |
| [x]  Quality Reporting Agencies | [ ]  Equipment  | [x]  Local and State Departments of Health |
| [x]  Regulatory Agency | [x]  Health Care IT | [ ]  Medical Imaging Service |
| [ ]  Standards Development Organizations (SDOs)  | [x]  Clinical Decision Support Systems | [ ]  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:

* Encourages consistent access and use of data for clinical quality applications, across organizations and between healthcare systems,
* Provides guidance for consistent use of vocabularies and value sets, and
* Standardizes 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.

* Centers for Medicare and Medicaid Services (CMS) and Office of the National Coordinator for Health Information Technology (ONC)
* National Committee for Quality Assurance (NCQA) (Draft HEDIS measure guidance)

**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.

This Implementation Guide originated as a U.S. Realm Specification with support from the [Clinical Quality Framework (CQF) initiative](https://oncprojectracking.healthit.gov/wiki/display/TechLabSC/CQF%2BHome), which was a public-private partnership sponsored by the Centers for Medicare & Medicaid Services (CMS) and the U.S. Office of the National Coordinator (ONC) to harmonize standards for clinical decision support and electronic clinical quality measurement. The [Clinical Quality Framework](http://wiki.hl7.org/index.php?title=Clinical_Quality_Framework) effort transitioned to HL7's Clinical Quality Information (CQI) and Clinical Decision Support (CDS) Work Groups in 2016. The HL7 CQI Work Group maintains this Implementation Guide, co-sponsored by the Clinical Decision Support (CDS) HL7 Work Group to inform electronic clinical quality improvement (i.e., measurement and decision support). This Quality Improvement Core (QICore) Implementation Guide is intended to be usable for multiple use cases across domains, and much of the content is likely to be usable outside the U.S. Realm.

**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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| CQI WG December 21, 2018 |

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