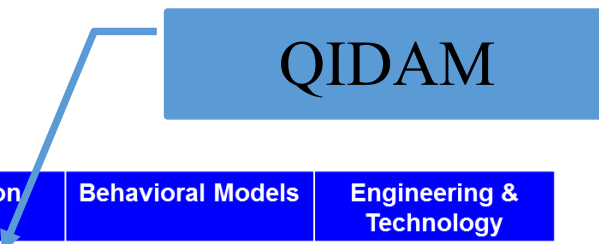


# NOTE FOR BALLOT MATERIAL REVIEWERS

HL7 Domain Analysis Model: Health Quality, Release 1

Dec 17, 2014

This specification is part of an overall set of specifications to harmonize the HL7 standards related to quality measurement and clinical decision-support. The initial set of specifications are conceptual and include this Quality Improvement Domain Analysis Model (a conceptual information model), a specification for a metadata model (also a conceptual information model), and a specification for expression logic (a conceptual behavioral model).



Viewpoints		Business Requirements	Information Models	Behavioral Models	Engineering & Technology
Specifications	Conceptual	Scope, Problem Statement, Story Boards, Use Cases	Domain Analysis Model, Clinical Statement Pattern	Functional Specs, Service Roles & Relationships, Application Roles & Interactions	Compatibility, Existing Platforms, Design Patterns
	Platform Independent	Authorities and Alignments, Core Principles, Priorities, Methodology	Logical Models	Collaboration Patterns, Interface / Service Specifications (e.g., WSDL)	Existing Models, Libraries, Intended Transparencies*
	Platform Specific	Rules, Procedures	Physical Models, Schemas	Scripts, Orchestrations, Interface Implementations	APIs, Protocols, Transforms, ITS, Deployment Models

Adapted from Keith Boone's presentation "*An Architecture for CDS and Quality Measurement*" at the HL7 Sep 2013 WGM in Cambridge, MA.

The ballot material includes three files in addition to this document:

1. HL7\_DAM\_HQUAL\_R1\_I1\_2014JAN.PDF - HL7 Domain Analysis Model: Health Quality, Release 1
2. QDM-vMR-cross-map.xlsx – A supplementary file showing the mappings among QIDAM, QDM, and VMR
3. QIDAM.eap – The domain analysis model UML diagrams in the Enterprise Architect format. A viewer for this file is available for free at <http://www.sparxsystems.com/bin/EALite.exe>.

The working group welcomes comments about the model. In particular, we would like feedback on the overall model architecture and directions for future development including the clinical areas to be addressed in the next version.