**HL7 CDS WG Conference Call**

**24 April 2014, 3-4pm US ET**

**Attendees:**
[ ] Tomasz Adamusiak

[ ] Joel Amoussou

[ ] Chad Armstrong

[ ] Jennifer Barrett

[ ] Joe Bormel

[X] Aziz Boxwala

[ ] Thompson Boyd

[ ] Daryl Chertcoff

[ ] Sarah Corley

[ ] Clayton Curtis

[ ] Maria Esquela

[ ] Elitsa Evans

[ ] Robert Freimuth

[X] Marc Hadley

[ ] Lindsey Hoggle

[ ] Vojtech Huser

[ ] Bob Hussey

[ ] Krishna Gazula

[ ] Chris Johnson

[X] Ken Kawamoto

[ ] Rosemary Kennedy

[ ] Lester Keeper

[X] Mark Kramer

[ ] Thomson Kuhn

[ ] Eric Larson

[X] Oliver Lawless

[ ] Victor Lee

[ ] Bill Lord

[ ] Stacey Marovich

[X] Jason Matthews

[ ] Christy May

[ ] Jim May

[ ] Rob McClure

[ ] Clem McDonald

[ ] Chris Melo

[ ] William Michaels

[ ] Chris Millet

[ ] Maiko Minami

[ ] Bernadette Minton

[ ] Mark Monterastelli

[ ] Alicia Morton

[X] Claude Nanjo

[ ] Lisa Nelson

[ ] Jamie Parker

[ ] Anne Pollock

[ ] Divya Raghavachari

[ ] Stan Rankins

[X] Bryn Rhodes

[ ] Mark Roche

[ ] Virginia Riehl

[ ] Martin Rosner

[ ] Julie Scherer

[ ] Atanu Sen

[ ] Mark Shafarman

[ ] David Shields

[ ] Julia Skapik

[X] Howard Strasberg

[ ] Rita Torkzadeh

[ ] Serafina Versaggi

[ ] Phillip Warner

[ ] Ben West

[ ] Missy Willoughby

[ ] Julia Xu

[ ] Cathy Welsh

[ ] Su-Hsiu Wu

[ ] Shirin Zaidi

**Minutes:**

- May HL7 Work Group Meeting planning

 - Initial needs documented at <http://wiki.hl7.org/index.php?title=CDS_WG_Agenda_2014-05>

- Discussion for QI Logical Model

 - Issues/Tradeoffs/Considerations/Constraints

 - How to identify mappings between QIDAM, Logical Model, FHIR

 - How to gain community consensus and leverage existing work

 - Governance, validations, community engagement

 - Where to start

 - What’s the process, how do we coordinate, how do we move forward efficiently

- How to ensure important decisions are made with community participation (clinical and technical)

 - Consensus from key CQF modeling leads (Mark Kramer, Aziz Boxwala, Claude Nanjo)

 - Logical Model derived from QIDAM and related to FHIR

 - Should lead to simplified model

 - Issues/approaches/principles we agree on

 - FHIR is still very much in development

 - Many resources not yet available

 - There are inconsistencies in the way things are modeled

 - Specified for the most part against data that exists in the EHR

- We should focus on data elements that are typically available/already captured in EHR systems

- If data isn’t typically captured, we MAY add it, but we should have a way for people to be able to tell what is generally available and what is not

- We should try to mimic how data are actually captured in EHR systems, as it makes it easier to extract and use that data

**- Achieving deterministic mappability with FHIR, where FHIR resources exist, is extremely desirable**

 - Caveats:

- if FHIR does not have a resource for that element, then we can model this in the LM even though it obviously does not map to an existing FHIR resource 🡪 we would propose adding these to the FHIR group

- if there is a good reason to break mappability (e.g., FHIR simply has it wrong), then we may deviate

 - e.g., missing attributes

 - we document it

- Our requirements may not overlap well with the requirements for FHIR (ref: FHIR suitability analysis in HL7 ballot)

**- We should work very closely with FHIR and to aim for our requirements to be expressed in improvements and additions to FHIR**

 - We should aim for our resources to have wide buy-in and engagement

- Q: What do we do about data elements we feel are critical for CDS/CQM but are not in FHIR currently?

 - Create FHIR profiles with extensions or update FHIR resources

- Q: need to touch base with FHIR leadership on feasibility/timeline for these needs

- Lloyd was a bit hesitant in the past to develop a high number of profiles

 - A UML class diagram is our primary deliverable for the Logical Model

- **Next call:**

* 5/1 (Th) 3pm ET
* Howard will chair

Tentative Agenda:

* HL7 May WGM planning
* Data model harmonization discussion
* CDS Knowledge Artifact R1.2 update discussion (Bryn Rhodes)