**HL7 CDS WG Conference Call**

**16 August 2017, 12-1pm US ET**

**Attendees:**

[ ] Denisha Abrams

[ ] Tomasz Adamusiak

[ ] Kurt Allen

[ ] Brian Alper

[ ] Rita Altamore

[ ] Michael Altmann

[ ] Joel Amoussou

[ ] Lisa Anderson

[ ] Chad Armstrong

[ ] Noam Arzt

[ ] Rebecca Baker

[ ] Kimberly Balliet

[ ] Jennifer Barrett

[ ] Cynthia Barton

[ ] Bilal Baydoun

[ ] Anna Bentler

[ ] Swapna Bhatia

[ ] Jaspreet Birk

[ ] Bridget Blake

[ ] Mike Bohl

[ ] Chris Bontempi

[ ] Keith Boone

[ ] Joe Bormel

[ ] Aziz Boxwala

[ ] Thompson Boyd

[ ] Bruce Bray

[X] Jennifer Brush

[ ] Yiscah Bracha

[ ] Bruce Bray

[ ] Jennifer Brush

[ ] Russell Buchanan

[ ] Nathan Bunker

[ ] Susan Campbell

[ ] Hector Cariello

[ ] Bob Carmichael

[ ] Daryl Chertcoff

[ ] Julia Chan

[ ] Quinn Chen

[ ] Myung Choi

[ ] Alex Connor

[X] Lorraine Constable

[ ] Sarah Corley

[ ] Clayton Curtis

[ ] Nathan Davis

[X] Guilherme Del Fiol

[ ] John C. DeLong

[ ] Paul Denning

[ ] Lizzie DeYoung

[ ] Gay Dolin

[ ] Karen Eberhardt

[X] Floyd Eisenberg

[ ] Richard Esmond

[ ] Maria Esquela

[ ] Elitsa Evans

[X] Seena Farzaneh

[ ] Pavla Frazier

[ ] Robert Freimuth

[ ] Emory Fry

[ ] Krishna Gazula

[ ] Guy Ginton

[ ] Matthew Greene

[ ] Michael Guarnaccia

[ ] Varadraj Gurupur

[ ] Marc Hadley

[ ] Shirin Haider-Zaidi

[ ] Steven Hardy

[X] Peter Haug

[ ] Yan Heras

[ ] Bas van den Heuvel

[ ] Lindsey Hoggle

[ ] Stan Huff

[ ] Steve Hufnagel

[ ] Vojtech Huser

[ ] Bob Hussey

[ ] Lenel James

[ ] Robert Jenders

[ ] Allen Johnson

[ ] Chris Johnson

[ ] Ken Kawamoto

[ ] Rosemary Kennedy

[ ] Lester Keeper

[ ] Jae Kim

[ ] Bill Kleinebecker

[ ] Stephanie Klepacki

[ ] Paul Knapp

[ ] Ryan Knepp

[ ] Mark Kramer

[ ] Adam Kroetsch

[ ] Thomson Kuhn

[ ] Polina Kukhareva

[ ] Tammy Kuschel (LaFavor)

[ ] Sweta Ladwa

[ ] Peter Lamb

[ ] Robert Lario

[ ] Cindy Larson

[ ] Eric Larson

[ ] Oliver Lawless

[ ] Preston Lee

[ ] Victor Lee

[ ] David Lobach

[ ] Bill Lord

[ ] Rick Maguire

[ ] Josh Mandel

[ ] Chris Markle

[ ] Stacey Marovich

[ ] Brett Marquard

[ ] Jason Mathews

[ ] Zachary May

[ ] Ashley McCrea

[ ] Lloyd McKenzie

[ ] Christy May

[ ] Jim May

[ ] Zach May

[ ] Henry Mayers

[ ] Rob McClure

[ ] Clem McDonald

[ ] Chris Melo

[ ] William Michaels

[ ] Linda Michaelson

[ ] Chris Millet

[ ] Maiko Minami

[ ] Bernadette Minton

[ ] Chris Moesel

[ ] Khadija Mohamed

[ ] Mark Monterastelli

[ ] Alicia Morton

[ ] Raj Muthukkannan

[ ] Claude Nanjo

[ ] Lisa Nelson

[ ] Jared Nichols

[ ] Tom Oniki

[ ] M’Lynda Owens

[ ] Varsha Parekh

[ ] Jamie Parker

[ ] Birju Patel

[ ] Reshma Patel

[ ] Branis Pesich

[ ] Anne Pollock

[ ] Dennis Polling

[ ] Vadim Polyakov

[ ] Diana L. Proud-Madruga

[ ] Divya Raghavachari

[ ] Nadia Ramey

[ ] Stan Rankins

[ ] Thomas Reese

[X] Bryn Rhodes

[ ] Virginia Riehl

[ ] Mark Roche

[ ] Salvador Rodriguez

[ ] Martin Rosner

[ ] Juliet Rubini

[ ] Sarah Ryan

[ ] Deidre Sacra

[ ] Brian Scheller

[ ] Julie Scherer

[ ] Chris Schuler

[ ] Rayna Scott

[ ] Atanu Sen

[ ] Mark Shafarman

[ ] David Shields

[ ] Andrew Simms

[ ] Julia Skapik

[ ] Sharon Solomon

[ ] Davide Sottara

[X] Travis Stenerson

[ ] Michael Sterly

[ ] Howard Strasberg

[ ] Lee Surprenant

[ ] Ashley Swain

[ ] Elaine Taylor

[ ] Rob Thomas

[ ] Sarah Tonn

[ ] Rita Torkzadeh

[ ] Bas van den Heuvel

[ ] Matt Varghese

[ ] Serafina Versaggi

[ ] Mary Visceglia

[ ] Kavishwar (Kavi) Wagholikar

[ ] Jason Walonski

[ ] Phillip Warner

[ ] Adam Wendt

[ ] Ben West

[ ] Robin Williams

[ ] Missy Willoughby

[ ] Darrell Woelk

[ ] Tyler Woelk

[ ] Cathy Welsh

[ ] Su-Hsiu Wu

[X] Patrick Yep

[ ] Julia Xu

[ ] Shirin Zaidi

[ ] Ning Zh

**Minutes:**

1. CDS Hooks ballot
	* Informal, for comments only ballot, not done via the HL7 ballot site
	* Published material - [https://cds-hooks.github.io/dohttps://cds-hooks.github.io/docs-hl7-ballot/cs-hl7-ballot/](https://cds-hooks.github.io/docs-hl7-ballot/)
	* Issues/comments to be posted to GitHub - <https://github.com/cds-hooks/docs/issues>
	* Moving the spec to HL7 GitHub: still pending, topic for the next ballot cycle
	* Question for ballot: is it ready for release 1.0
2. FHIR tracker items (only three outstanding items)
	* 12779 – There is some overlap in the functionality of PlanDefinition and ActivityDefinition. Proposal to resolve overlap. Further discussion will be needed, no vote taken at this time.
	* 13857: Persuasive - Motion to clarify how language is resolved when no language is specified and correct the example to specify a FHIR object in the path, rather than a library as currently described. Lorraine seconds. Voting: 8-0-0.
	* 13588 – Persuasive – Motion to fix specification so it is a valid FHIRPath expression. Floyd seconds. Voting: 8-0-0.
3. QICore – updated spec to be available at San Diego WG
	* Discussion about encounter status – may need to meet with Patient Care at San Diego WG to discuss – potentially Wed Q3, potentially Thu Q2 (although CDS members are unlikely to be there). May be more appropriate to discuss with Patient Administration. Floyd will bring issue up within CQI for further discussion.
4. Differences in FHIR resources between Clinical Reasoning and KNART spec:
	* Everything in KNART is a knowledge document, whereas FHIR Clinical Reasoning Module defines different resources used for different reasons.
	* GuidanceResponse and ServiceDefinition have been voted to be deprecated.
	* DataRequirement more formally defined in Clinical Reasoning.
	* Structure of knowledge document in KNART is almost the same as in PlanDefinition, the main difference being the use of ActivityDefinition to enable both reuse of activities, and structural representation of the most common aspects, whereas the equivalent functionality in KNART is provided by the “actionSentence”, which is always an expression of ELM
	* Clinical Reasoning Module allows use of any expression language, whereas KNART is relatively tightly bound to ELM.
	* Metadata elements of the FHIR Knowledge Resources were based on KNART Metadata, but subsequently harmonized with the core FHIR Conformance resources, so a one-to-one metadata review might be useful.
5. Upcoming meetings
	* 8/23: no topics to discuss, perhaps CQL comments