**HL7 CDS WG Conference Call**

**23 January 2019, 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

[ ] Louis Bedor

[ ] Anna Bentler

[ ] Swapna Bhatia

[ ] Jaspreet Birk

[ ] Bridget Blake

[ ] Mike Bohl

[ ] Chris Bontempi

[ ] Keith Boone

[ ] Joe Bormel

[ ] Aziz Boxwala

[ ] Richard Boyce

[ ] Thompson Boyd

[ ] Bruce Bray

[ ] Jennifer Brush

[ ] Yiscah Bracha

[ ] Bruce Bray

[ ] Jennifer Brush

[ ] Russell Buchanan

[ ] Nathan Bunker

[ ] Anna Burchfield

[ ] Susan Campbell

[ ] Hector Cariello

[ ] Bob Carmichael

[ ] Lizzie Charbonneau

[ ] Daryl Chertcoff

[ ] Julia Chan

[ ] Quinn Chen

[ ] Myung Choi

[ ] Alex Connor

[ ] Lorraine Constable

[ ] Sarah Corley

[ ] Angela Crovetti

[ ] Jacob Crump

[ ] Clayton Curtis

[ ] Nathan Davis

[ ] Michael DeFerrari

[ ] Guilherme Del Fiol

[ ] John C. DeLong

[ ] Paul Denning

[ ] Michael Denton

[ ] Robert Dieterle

[ ] Gay Dolin

[ ] India Duncan

[ ] Karen Eberhardt

[ ] Floyd Eisenberg

[ ] Richard Esmond

[ ] Maria Esquela

[ ] Elitsa Evans

[ ] Seena Farzaneh

[ ] Angela Flanagan

[ ] Pavla Frazier

[ ] Robert Freimuth

[ ] Emory Fry

[ ] Krishna Gazula

[ ] Guy Ginton

[ ] Carol Graham

[ ] Matthew Greene

[ ] Michael Guarnaccia

[ ] Varadraj Gurupur

[ ] Marc Hadley

[ ] Shirin Haider-Zaidi

[ ] Claudia Hall

[ ] Steven Hardy

[ ] Peter Haug

[ ] Yan Heras

[ ] Bas van den Heuvel

[ ] Brent Hill

[ ] Lindsey Hoggle

[ ] Yanyan Hu

[ ] Stan Huff

[ ] Steve Hufnagel

[ ] Vojtech Huser

[ ] Bob Hussey

[ ] Andrew Iskander

[ ] Jesse James

[ ] 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

[ ] Charles Lamb

[ ] Peter Lamb

[ ] Robert Lario

[ ] Cindy Larson

[ ] Eric Larson

[ ] Oliver Lawless

[ ] Preston Lee

[ ] Victor Lee

[ ] David Lobach

[ ] Bill Lord

[ ] Genny Luensman

[ ] Rick Maguire

[ ] Josh Mandel

[ ] Chris Markle

[ ] Stacey Marovich

[ ] Brett Marquard

[ ] Jason Mathews

[ ] Christy May

[ ] Jim May

[ ] Zachary May

[ ] Henry Mayers

[ ] Rob McClure

[ ] Ashley McCrea

[ ] Lloyd McKenzie

[ ] Clem McDonald

[ ] Charlie Mead

[ ] Chris Melo

[ ] William Michaels

[ ] Linda Michaelson

[ ] Chris Millet

[ ] Maiko Minami

[ ] Bernadette Minton

[ ] Sue Mitchell

[ ] Chris Moesel

[ ] Khadija Mohamed

[ ] Mark Monterastelli

[ ] Alicia Morton

[ ] Raj Muthukkannan

[ ] Claude Nanjo

[ ] Lisa Nelson

[ ] Craig Newman

[ ] Viet Nguyen

[ ] Jared Nichols

[ ] Sam Nicolary

[ ] Tom Oniki

[ ] M’Lynda Owens

[ ] Varsha Parekh

[ ] Jamie Parker

[ ] Birju Patel

[ ] Reshma Patel

[ ] Branis Pesich

[ ] Lynn Perrine

[ ] Anne Pollock

[ ] Dennis Polling

[ ] Vadim Polyakov

[ ] Diana L. Proud-Madruga

[ ] Chris Pugliese

[ ] Joseph (Joe) Quinn

[ ] Divya Raghavachari

[ ] Nadia Ramey

[ ] Stan Rankins

[ ] Lori Reed-Fourquet

[ ] Thomas Reese

[ ] Bryn Rhodes

[ ] Virginia Riehl

[ ] Mark Roche

[ ] Salvador Rodriguez

[ ] Martin Rosner

[ ] Juliet Rubini

[ ] Sarah Ryan

[ ] Deidre Sacra

[ ] Rob Samples

[ ] Brian Scheller

[ ] Julie Scherer

[ ] Chris Schuler

[ ] Rayna Scott

[ ] Atanu Sen

[ ] Mark Shafarman

[ ] Kevin Shekleton

[ ] David Shields

[ ] Andrew Simms

[ ] Julia Skapik

[ ] Andrey Soares

[ ] Sharon Solomon

[ ] Davide Sottara

[ ] Raman Srinivasan

[ ] Travis Stenerson

[ ] Michael Sterly

[ ] Greg Stevens

[ ] Eileen Storey

[ ] Howard Strasberg

[ ] Lee Surprenant

[ ] Ashley Swain

[ ] Elaine Taylor

[ ] Rob Thomas

[ ] Matthew Tiller

[ ] Aldo Tinoco

[ ] Sarah Tonn

[ ] Rita Torkzadeh

[ ] Drew Torres

[ ] Bas van den Heuvel

[ ] Matt Varghese

[ ] Serafina Versaggi

[ ] Isaac Vetter

[ ] Mary Visceglia

[ ] Kavishwar (Kavi) Wagholikar

[ ] Jason Walonski

[ ] Yunwei Wang

[ ] Phillip Warner

[ ] Adam Wendt

[ ] Ben West

[ ] Robin Williams

[ ] Missy Willoughby

[ ] Darrell Woelk

[ ] Tyler Woelk

[ ] Cathy Welsh

[ ] Su-Hsiu Wu

[ ] Patrick Yep

[ ] Julia Xu

[ ] Shirin Zaidi

[ ] Ning Zh

**Minutes:**

* Chairing: Bryn. Minutes: Bryn.
* Agenda:
	+ CQL STU Comments
	+ Resolve discussion on what hooks are available
	+ Plan to discuss hooks for medication ordering/selection on 1/30 call
		- Announce on list serve and zulip chat
* CQL STU Comments
	+ #1683
		- Agreed, will correct interval notation in examples and discussion throughout.
		- Motion: Paul Denning Second: Bas van den Heuvel, 13-0-0
	+ #1688
		- Agreed, signature will be corrected to return a Date.
		- Specify rounding behavior as a truncate, not a round.
		- Also add the signature to the ToDate operator in the reference.
		- Motion: Bas van den Heuvel Second: Paul Denning 13-0-0
	+ #1689
		- Agreed, date/time language will be clarified throughout to make clear when operations involve dates only versus datetime values.
		- Motion: Paul Denning Second: Howard Strasberg 13-0-0
	+ #1684
		- Agreed, example will be changed as suggested.
		- Motion: Howard Strasberg Second: Paul Denning 13-0-0
	+ #1701
		- Agreed, update example as suggested.
		- Motion: Howard Strasberg Second: Floyd Eisenberg 13-0-0
	+ #1702
		- Agreed, correct signature as suggested.
		- Motion: Howard Strasberg Second: Paul Denning 13-0-0
	+ #1703
		- Agreed, apply clarifications as suggested.
		- Motion: Howard Strasberg Second: Paul Denning 13-0-0
	+ #1706
		- Agreed, correct examples of width throughout.
		- Motion: Paul Denning Second: Jeremy Audino 12-0-0
	+ #1707
		- Agreed, add the interval count overload as suggested.
		- Interval[1, 4]
		- Interval[@T3:00, @T6:00] - Width is 90, Count 91
		- Interval[@T3:00, @T6:00:00.0] - If precisions are different on boundaries, point size can't be determined (is null) and so count is null
		- Add a ballot note that we are seeking input on this behavior
		- Motion: Phillip Warner Second: Paul Denning 11-0-0
	+ #1708
		- Agreed, clarify wording as suggested
		- [1, 4]
		- { [1, 1], [2, 2], [3, 3], [4, 4] }
		- Motion: Paul Denning Second: Phillip Warner 11-0-0
	+ #1716
		- Available contexts will be defined by the model
		- Document that one of the things we want to support is structural measures
		- Relationships of context to types in the model will be represented in the model
		- Models SHALL define at least one context named Unspecified that means no specific context
		- Default is Unspecified (rather than Patient)
		- context Unspecified
		- Add a ballot note to seek feedback on the name and usage
		- Motion: Bas van den Heuvel Second: Paul Denning 8-0-0
* Upcoming meetings
	+ 1/30
		- Discuss hooks appropriate for medication selection and ordering