**HL7 CDS WG Conference Call**

**11 February 2016, 3-4pm US ET**

**Attendees:**

[ ] Denisha Abrams

[ ] Tomasz Adamusiak

[ ] Brian Alper

[ ] Rita Altamore

[ ] Joel Amoussou

[ ] Chad Armstrong

[ ] Jennifer Barrett

[ ] Cynthia Barton

[ ] Bilal Baydoun

[ ] Bridget Blake

[ ] Mike Bohl

[ ] Chris Bontempi

[ ] Keith Boone

[ ] Joe Bormel

[ ] Aziz Boxwala

[ ] Thompson Boyd

[ ] Susan Campbell

[ ] Hector Cariello

[X] Bob Carmichael

[ ] Daryl Chertcoff

[ ] Julia Chan

[ ] Myung Choi

[ ] Sarah Corley

[ ] Clayton Curtis

[ ] Nathan Davis

[ ] John C. DeLong

[ ] Karen Eberhardt

[X] Floyd Eisenberg

[ ] Maria Esquela

[ ] Elitsa Evans

[ ] Pavla Frazier

[ ] Robert Freimuth

[ ] Emory Fry

[X] Marc Hadley

[ ] Peter Haug

[ ] Yan Heras

[ ] Lindsey Hoggle

[ ] Vojtech Huser

[ ] Bob Hussey

[ ] Krishna Gazula

[ ] Robert Jenders

[ ] Allen Johnson

[ ] Chris Johnson

[X] Ken Kawamoto

[ ] Rosemary Kennedy

[ ] Lester Keeper

[X] Jae Kim

[ ] Bill Kleinebecker

[ ] Ryan Knepp

[ ] Mark Kramer

[ ] Thomson Kuhn

[ ] Polina Kukhareva

[ ] Tammy Kuschel (LaFavor)

[ ] Robert Lario

[ ] Cindy Larson

[ ] Eric Larson

[ ] Oliver Lawless

[ ] Victor Lee

[ ] Bill Lord

[ ] Josh Mandel

[ ] Chris Markle

[ ] Stacey Marovich

[ ] Jason Mathews

[X] Ashley McCrea

[ ] Lloyd McKenzie

[ ] Christy May

[ ] Jim May

[ ] Rob McClure

[ ] Clem McDonald

[ ] Chris Melo

[ ] William Michaels

[ ] Linda Michaelson

[ ] Chris Millet

[ ] Maiko Minami

[ ] Bernadette Minton

[ ] Chris Moesel

[X] Khadija Mohamed

[ ] Mark Monterastelli

[ ] Alicia Morton

[ ] Claude Nanjo

[ ] Lisa Nelson

[ ] Jared Nichols

[ ] Tom Oniki

[ ] Varsha Parekh

[ ] Jamie Parker

[X] Reshma Patel

[ ] Branis Pesich

[ ] Anne Pollock

[ ] Vadim Polyakov

[ ] Diana L. Proud-Madruga

[ ] Divya Raghavachari

[ ] Nadia Ramey

[ ] Stan Rankins

[X] Bryn Rhodes

[ ] Virginia Riehl

[ ] Mark Roche

[ ] Martin Rosner

[ ] Sarah Ryan

[ ] Julie Scherer

[ ] Atanu Sen

[ ] Mark Shafarman

[X] David Shields

[ ] Andrew Simms

[X] Julia Skapik

[ ] Davide Sottara

[ ] Michael Sterly

[X] Howard Strasberg

[ ] Ashley Swain

[ ] Sarah Tonn

[ ] Rita Torkzadeh

[X] Matt Varghese

[ ] Serafina Versaggi

[X] Kavishwar (Kavi) Wagholikar

[ ] Jason Walonski

[X] Phillip Warner

[ ] Ben West

[ ] Robin Williams

[ ] Missy Willoughby

[ ] Darrell Woelk

[ ] Julia Xu

[ ] Cathy Welsh

[ ] Su-Hsiu Wu

[ ] Shirin Zaidi

[ ] Ning Zhuo

**Minutes:**

* - WG meeting time rescheduling to enable cross-participation in CIMI WG, which is meeting at the same time
	+ Decision made to meet at Wednesdays at 12pm ET starting next week
* - Draft comments on ONC Standards Advisory (<https://www.healthit.gov/sites/default/files/2016-interoperability-standards-advisory-final-508.pdf>). Need to complete by next week.

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| **Section** | **Comments** |
| I-A: Allergies. Interoperability Need: representing patient allergens: medications | RxNorm: Need clarification on whether RxNorm refers to RxNorm as the source or other sources included with the RxNorm download.NDF-RT: The VA uses NDF-RT – may be using for allergies as well. Recommend contacting VA stakeholders, e.g., Steve Brown, Director of the Office of Knowledge Based Systems, to obtain insights on NDF-RT usage within VA. |
| I-B: Health Care Provider | NPI: Recommend adoption level of high due to production level usage for billing, etc. |
| I-C: Encounter Diagnosis | Recommend adding in ICD-9-CM for analysis/decision support/quality measurement needs spanning timeframes pre-dating the use of ICD-10-CM in the U.S. |
| I-D: Race and Ethnicity | Recommend referencing additional standards based on OMB standards which define actual implementable specifications for race and ethnicity, e.g., CDC value sets. |
| I-F: Functional Status/Disability | Recommend considering PROMIS, acknowledging it is not an official standard. |
| I-O: ProceduresInteroperability Need: representing medical procedures performed. | Recommend adding in ICD-10-PCS for analysis/decision support/quality measurement needs spanning timeframes |
| I-P: Imaging | Recommend explicitly noting the expected timeframe for Radlex to be incorporated into LOINC (our understanding is that this is expected to be completed in Sept. 2017). Also consider specifying what should be used prior to that time. |
| I-Q: Tobacco useSNOMED CT | Recommend that ONC facilitate bridging the gap in SNOMED CT’s representation of tobacco use as identified in current limitations. |
| II-C: Clinical Decision SupportInteroperability Need: Shareable clinical decision support | HL7 Implementation Guide: Clinical Decision Support Knowledge Artifact Implementation Guide, Release 1.3. Draft Standard for Trial Use. Recommend adoption level of Low. Recommend considering implementation maturity of Production. We are aware of at least two companies that have been using this specification as the basis of production-level artifacts: Motive Medical Intelligence (contact: Julie Scherer) and Evinance (contact: Chad Armstrong).Consider adding Standard: Arden Syntax, with a Implementation Maturity of Production. Would recommend noting that Arden has the “curly braces” problem of not having a standard data model specification.Recommend noting that an emerging standard, currently under development, is the HL7 Clinical Decision Support on FHIR Implementation Guide. This Implementation Guide has been balloted for comment in earlier forms (as the Clinical Quality Improvement Framework FHIR Implementation Guide) and is expected to be ballot for Draft for Standard for Trial Use in the September 2016 HL7 ballot cycle along with the FHIR DSTU 3 ballot. |
| III-B: Clinical Decision Support Services | HL7 V3 Standard: Decision Support Service, Release 2. Recommend making implementation maturity production – there are several instances of production-level uses of this standard, including for OpenCDS ([www.opencds.org](http://www.opencds.org)), the Immunization Calculation Engine (ICE), and the Veterans Health Administration. Recommend making adoption level at least medium-low.Recommend noting that an emerging standard, currently under development, is the HL7 Clinical Decision Support on FHIR Implementation Guide. This Implementation Guide has been balloted for comment in earlier forms (as the Clinical Quality Improvement Framework FHIR Implementation Guide) and is expected to be ballot for Draft for Standard for Trial Use in the September 2016 HL7 ballot cycle along with the FHIR DSTU 3 ballot.Recommend replacing the IHE-GAO specification with the HL7 GAO FHIR specification, which underwent draft standard balloting in January 2016 and is undergoing ballot reconciliation. This specification will be implemented as a “knowledge module” of the HL7 Clinical Decision Support On FHIR specification. |

- **Next call:**

* February 17
	+ ONC standards advisory comments