

HL7 Clinical Genomics Weekly Call - April 18, 2017 11:00 AM (US Eastern Time)

Agenda

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Attendees

1. Bob Milius - NMDP - bmilius@nmdp.org
2. JD Nolen - Cerner - johndavid.nolen@cerner.com
3. Amnon Shabo (Shvo) - Philips - amnon.shvo@gmail.com
4. Joseph Kane - Epic - jkane@epic.com
5. Bob Freimuth - Mayo Clinic - freimuth.robert@mayo.edu
6. Joe Quinn - Optum - joseph.quinn@optum.com
7. Kevin Power - Cerner - kpower@cerner.com
8. David Kreda - HMS - david.kreda@gmail.com
9. Alex Mankovich - Philips - alex.mankovich@philips.com
10. Shannon Lu - NLM - shannon.lu@nih.gov
11. Amnon Ptashke - Edico Genome - genptashke@gmail.com
12. Joel Schneider - NMDP - jschneid@nmdp.org
13. Gil Alterovitz - BCH/HMS- gil.alterovitz@gmail.com
14. Ling Teng -BCH - tenglingling@gmail.com
15. Bob Dolin bdolin@psmiconsulting.com

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- http://wiki.hl7.org/index.php?title=File:HL7_CG_20170411.pdf
- motion to accept : Kevin
- 2nd: Joseph Kane
- discussion - none

- Vote
 - Yea: rest, motion passes
 - Nay: 0
 - Abstain: Amnon Shabo, Grant Wood, JD

Topics to discuss if needed

Upcoming agendas until Madrid

- Apr 18 Grant: Review of HL7 CG Relationship with GA4GH to prep for strategy meeting for GA4GH to stay in sync with their 5 year plan.
 - try to envision where healthcare is going and how CG is preparing for that
 - also WHO update
- Apr 25 Sync for Genes (Gil), **SWOT discussion?**
- May 2 **TBD**

Brief reports from external efforts

- GA4GH
 - Grant presenting today
- National Academies
 - No updates - JD
- Clingen/Clinvar
 - no update
- GA4GH Variant Modeling Collaborative (VMC)
 - The VMC group continues to refine its spec, focusing on clearing up some definitions while defining examples for the serialization format.
- NHGRI
 - no update

Subgroup reports

- IM
 - Sketching out a backbone model for sequence, assay, and specimen (specifically with respect to O&O's specimen DAM). Will plan to share a draft of the current model during the May WGM.
 - Who from CG is working with O&O on the specimen DAM? (May be based on the BRIDG model, JD Nolan can serve as CG representative.)
 - Overlaps with NAACCR's specimen model (North American Association of Central Cancer Registries)
- FHIR
 - past week working on V2 mappings with Clem/Shannon; future includes
 - terminology
 - CLIA
 - cytogenetics
 - David K: is cytogenetics is covered in V2?
 - Shannon: yes

- Grant: we have an old V2 IG for cytogenetics
 - Gil: ongoing work in merging these
 - Shennon: not aware of old cytogenetics guide, but in current LRI ballot has some cytogenetics
 - Grant: no separate DAM document for cytogenetics, but just a IG. Modelled as a V2 genetic variation guide
 - Current HL7 [Cytogenetics IG link](#) (but to download/view you have to execute an HL7 SPECIFICATION LICENSE AGREEMENT)
 - Gil: where is LOINC coding, look in products
 - Bob: also cytogenetics in the CDA GTR
- Tutorial at the Madrid meeting: precision medicine and building apps (Thu) in english
-
- V2
 - currently undergoing ballot with LRI

Topic 1: WGM Agenda

- <https://docs.google.com/document/d/1GBW3i2BKmRjoe0ORFH9DIzN92Y1pMz0B9DU-sGDRggA/edit>
- <http://bit.ly/2nE96Dp>
- Grant presented update on joint with WHO; will share slides
- Notes taken directly in the draft agenda doc

Topic 2: (Grant) Review of HL7 CG Relationship with GA4GH to prep for strategy meeting for GA4GH to stay in sync with their 5 year plan

- Grant presented slides - will share
- Think about ideal state of your field/area by 2022
- Implementable interoperability of semantic representations across clinical care systems
- widespread adoption of APIs that support above
- tools within EHR (or other) systems for rapid identification and construction of practice-based cohorts and both clinical and research use cases
- evidence development and continuous rapid learning by diverse health stakeholders
- local workflows
- Patients and healthcare consumers can access their entire clinical and omic dataset
- (see slides for more)

Topic 3: SWOT

- not discussed

Past Agendas

- Jan 31 WGM recap
- ~~Feb 7 Canceled~~
- Feb 14 PSS for V3 Pedigree reaffirmation (NIB due Feb 19)
- ~~Feb 21 Canceled~~
- Feb 28
 - CG review of V2 ballot and send onto O&O
 - Discussion on our GTR (Genetic Testing Report) standard (that is based on CDA R2): develop a new release or port to FHIR as a 'genomics study document' (Composition-based); also - what are the implications to modeling clinical aspects of variants
- Mar 7 -
 - Review of LRI/V2 recommended dispositions of ballot comments
 - Continuation of Clinical Genomics specs convergence
- Mar 14 Final content approval by Mar 26 - Pedigree? DAM discussion - David Kreda
- Apr 4 Madrid WGM agenda (needs to be posted by April 7)
- Apr 11 SWOT

Clinical Genomics Docs

- Decision Making Process
 - <https://docs.google.com/document/d/18ZxNAjMukUKXxbNPRtRdjytMCvnRns4srDe0EBs0FI/edit>
 - short url = <http://bit.ly/2ikjXiV>
- SWOT
 - https://docs.google.com/document/d/1zFUzRYLfCmrnThBU8xXVS_JiScDACBi13tzFJep751k/edit
 - short url = <http://bit.ly/2ikUw0>

Chat