

# CDISC Lab Model in FHIR Next Steps

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# Agenda

- Objective: Represent the CDISC Lab Model in FHIR
- Use Case: Exchange of one or more lab test results for one or more subjects using the CDISC Lab Model semantics in FHIR
  - This use case was tested to some extent at the January 2018 Connectathon
- Status of planned work from 20-Feb meeting
- Plan for September 2018 Connectathon

# Status: Plan / Next Steps From 20 Feb Meeting

- Julie to send spreadsheet to Colleen and Christi (Done)
- Colleen and Christi to add Lab Data Model items and vocabulary bindings to spreadsheet and send back to Julie (Done)
- Julie to confirm BRIDG part of mapping in spreadsheet (Done)
- ➔ • **Need to confirm mappings (to FHIR) and gaps (In progress) – see spreadsheet**
- Set up next call when ready to review spreadsheet (Done)
- Julie to send link to BRIDG mapping spreadsheet to Colleen and Christi (Done)
- ➔ • **Prepare for September connectathon for Lab FHIR exchange (6-June: September Connectathon proposals due; 17-Aug: Content in place for FHIR freeze) (In progress)**

# Plan for September 2018 Connectathon

- Confirm BR&R has a PSS for FHIR work
  - 4/18: Group agreed to create a new one. Julie will create the draft PSS and send to the BR&R co-chairs. The PSSs are approved in TSC meetings, which we think happen every month.
- Complete CDISC Lab Model to FHIR Mappings to identify profiles and extensions – Julie by the end of this week.
- Contact O&O about how to handle fasting status and specimen condition. Julie will submit the question on O&O the listserv and this topic could possibly be an agenda topic at the O&O joint meeting with BR&R at the Cologne WGM.
- Most likely need a Profile on the Observation Resource, which means we need to collaborate with Observations and Orders since they manage the Observation Resource. May need to also work with other work groups if changes to other resources are identified.
- Develop a profile request and submit to FHIR management. Proposal template is here: ([http://wiki.hl7.org/index.php?title=Template:FHIR\\_IG\\_Proposal](http://wiki.hl7.org/index.php?title=Template:FHIR_IG_Proposal))
- Develop new profile and extensions and commit to current build. We need to determine who will do this work – TCB?; The FHIR build freeze is 17-Aug.
- Write up connectation track scenario: due June 6
- Develop test data to use in connectathon. We can use ClinFHIR to develop instances (test data).
- Keep in touch with Geoff Lowe and Wayne Kubick about their plans for September Clinical Research track at Connectathon
- Add dates and milestones to plan

# Attendees

- Christi Denning
- Hugh Glover
- Boris Brodsky
- Smita Hastak
- Wendy Ver Hoef
- Julie Evans