**FHIMS Lab-Orders and Observation Domain**

November 15, 2010 Meeting Minutes

# Attendees

Neelima Chennamaraja, VA

Mike Fitch, DoD

Steve Hufnagel, DoD

Sandy Jones, CDC

Kosta Makrodimitris, FDA

Galen Mulrooney, VA

Anne Pollack, CDC

Cindy Vinion, CDC

Steve Wagner, FHA

# Leadership team

Neelima Chennamaraja, Kosta Makrodimitris, Galen Mulrooney, Cindy Vinion Agenda

Website: <https://www.projects.openhealthtools.org/sf/projects/fhims/>

# Agenda

* ALL-Galen: Modeling HITSP C35/C36/C37 constructs and maps HL7 2.5.1.IG OBR section(On Friday Nov-12th we finished the most of the ORC section), 60’
* ALL-Kosta-Cindy-Anne: Discuss use case and scenarios(UML,BPMN-Visio), 30’
* Kosta: HL7 Normative 2010, RIM , Lab-OO HL7 activities/membership(2-3’)
* ALL: Milestones-Plans-Risks for modeling & \ use cases(next iteration) (2-3’)

# Summary of Discussion

## Modeling

* Need to flesh out definitions and need for different identifiers and numbers within the lab domain. Particularly, filler and placer order number, test identifier, and placer group number.
* Need definition and use case for using an "order set". From the discussion, it looks like a provider can place an order consisting of many different and different kinds (pharmacy, lab, imaging, etc) of orders; hence, order set.
  + Treatment guidelines, testing protocols, and other, guidance may drive the need for and what is in an order set.
* It may be useful to model the information contained in the guidance (reference data) to facilitate quality measurements and drive system functionality as well as use the guidance to construct value sets and terminology.
* Need to flesh out the ordering process and how it impacts the information model.
  + Current modeling is focusing on modeling information after lab test results have already been obtained.
  + HITSP use cases to be considered are C36 - Lab Result to EHR and the AHIC Extension/Gap for Order Sets and General Laboratory Order.
* Need to flesh out specimen collection and the interaction of the specimen with the testing process and information.
* We will need to include a lab test report as part of the model to support interpreting lab results and sending the report to programs and registries.

# Action Items

| Start Date |  | Action Item | Status |
| --- | --- | --- | --- |
| 11/15/10 | High | Mike, Cindy, Galen: Finalize definitions for and use of different identifiers & numbers in lab domain - filler order number, placer order number, group number, test identifier, etc. |  |
| 11/8/10 |  | Need to discuss different scenarios involving different people (ward clerk, nurses, physicians, physician's assistants, interns, etc) and who those people would be in a data exchange. | Not started |
| 11/8/10 |  | Tim (ICLN) to discuss with DHS the sharing of the Actionable Data Elements spreadsheets with definition. | Not tracked |
| 11/8/10 | Low | Tim (ICLN) to determine if they would like to participate in FHIMS. |  |
| 11/1/10 |  | Cindy to share meeting information for the next meeting when it is sent by the co-chairs. | Completed |
| 11/1/10 |  | Cindy will update sample accessioning scenarios. | In process |
| 11/1/10 |  | Anne will write up lab processes to include as additional scenarios. | In process |
| 11/1/10 |  | Cindy to send flow chart PDF to Anne Pollack | Completed |
| 11/1/10 |  | Cindy to identify and contact FBI person from LRN National Meeting for participation in the FHIMS Lab calls when we start doing Chain of Custody, slated for phase 2. | Not started |
| 11/1/10 | Med | Kosta to transform flowchart of outpatient scenario to BPRN. | In process |
| 10/25/10 | Low | Keep in touch with Ted Klein and get material and links   * Update 11/1: Ted waiting for approval to release draft version of volume V | In process |
| 10/25/10 | Low | Kosta-Galen will organize the OpenHealth shared project space for Lab-OO   * Update 11/1: Steve working on organizing the OpenHealth tools project space | In process |
| 10/25/10 | High | Prepare for FHA leadership meeting to present FHIMS domains process | In process |
| 10/25/10 | Med | Contact laboratory experts, LIMS admins, HL7 OO wg   * Update 11/1: HL7 OO WG information shared with interested participants | In process |
| 11/09/10 | Med | Kosta to present relevant material for Automated Laboratory Management, FERN, eLEXNET | In process |
| 11/08/10 | Low | Galen to update weekly the FHIMS Lab-OO model and collaborate with Kosta to update about changes from baseline(map .xls-overview) | In process |