**FHIMS Lab Domain**

July 18, 2011 Meeting Minutes

# Attendees

David Bass, VA

Mike Fitch, DoD

Kosta Makrodimitris, FDA

Galen Mulroony, VA

Anne Pollack, CDC

Anand Shukla, VA

Cindy Vinion, NG/CDC

Steve Wagner, ONC

# Leadership team

Kosta Makrodimitris, Galen Mulrooney, Cindy Vinion

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

# Agenda

* ALL- Galen: Information Modeling, definitions and mapping (C36 etc)25'
* ALL- Ira: genetics use case, breast cancer 20'
* ALL- Milestones-Plans-Risks for modeling & cases (4th iteration), 5'
* ALL- Kosta-Steve Terminology Lab 5'
* ALL- Kosta-Cindy-Galen S&I LRI , 5'
* ALL- PHI-CDC presentation in August
* ALL- Kosta Public Health reporting and Lab (new domain FHIMS-S&I)

# Summary of Discussion

## General Discussion - Clinical Modeling Meeting

* Galen was invited to and attended a Clinical Modeling Meeting called by Stan Huff, Medical Director of Intermountain Healthcare in Utah. This meeting started from the HL7 Fresh-look effort which spun off a clinical information model (CIM) and repository effort. They want to define a single notation for these CIMS that will work for clinicians as well as information technology professionals.
  + Clinicians prefer the OpenEHR notation. This notation shows clinical information as a mind map and is, therefore, not easily implemented in IT systems.
  + HL7 has the specialized, proprietary notation and modeling style of the RIM and its children models including detailed clinical models (DCMs).
  + Some IT professionals would like to use UML which has many different possible models and can be used to generate and implement system code including databases.
  + Each approach has their own, nearly competing viewpoints and perspectives. OpenEHR uses as "bottom-up" approach starting with the Clinician's viewpoint, while HL7 starts with the RIM and constrains it down to get the exchangeable data.
  + In short, the CIM/DCM modeling "language" is still being selected.
* Can these CIMs and DCMs be associated with the FHIM? Are there use cases available? How do these CIMs/DCMs lead to functions and data fields that are assumed to be in the IT system such as an EHR and/or LIS? Basically, use cases seem to be the pinnacle and, therefore, starting point, but this group doesn't seem to have a repository of use cases and/or scenarios.

## Information Modeling

* Galen - The Microbiology Result class may need to be updated to contain more information.
  + Anne - Why do we even have "microbiology" identified as a class? A lot of non-microbiology results have the same result structure.

## Terminology

## S&I LRI

## PHI-CDC Presentation

## Public Health Reporting and Lab