



HITSAC Genomics Working Group (GWG): Status Update

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Presentation to the
Health IT Standards Advisory Committee
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GWG Background

- Created by HITSAC in April 2014
- Focusing on health IT standards, data structures, nomenclature, governance models and related requirements for the exchange of clinical genomics information
- Collaborating with the CDC's Division of Laboratory Science and Standards, HL7 and other partners in the health IT standards and health informatics domain



Background

- Members from
 - Virginia Department of Health
 - Division of Consolidated Laboratory Services
 - University of Virginia
 - Virginia Commonwealth University
 - ConnectVirginia Health Information Exchange
 - Inova Health System
 - CDC Division of Laboratory Science and Standards
 - HL7 Clinical Genomics Working Group



Purpose

- Compile use cases on health IT standards and informatics for clinical genomics at the clinical, laboratory and population/public health level
- Engage the CDC, HL7, and experts in the field to support collaborative research on data structures, governance models and a functional profile for interoperability
- Make recommendations to HITSAC for potential pilot projects and health IT standards for adoption and implementation in the Commonwealth



Recent Achievements

- Initiation meeting held on July 10, 2014
- Meeting/Work session at CDC in Atlanta on Aug 6, 2014
- Meetings with subject matter experts during July-Aug, 2014
- Ongoing meetings with CDC's Cancer Surveillance Branch, HL7 Clinical Genomics Working Group and College of American Pathologists to refine use case on cancer registries



Use Cases Under Investigation

- Use Case #1–Interoperability in Reporting Formats for Genetic Test Results (HL7)
- Use Case #2–Interoperability in Genomics for Cancer Registries (VDH, CDC, HL7, CAP)
- Use Case #3–Inova Translational Medicine Institute (ITMI) Health Informatics and Standards
- Use Case #4–Inova Translational Medicine Institute (ITMI) Premature Birth Research Submitted by
- Use Case #5–Interoperability in Genomics for Microbiology (DCLS, VDH)



For More Information

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