

HIMSS RHIO/HIE Update

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Overview

- HIMSS RHIO/HIE Roundtable
- UHIN Updates
- NHIN Updates

HIMSS RHIO/HIE Roundtable

- What is the HIMSS RHIO/HIE Roundtable?
 - National HIMSS special interest group for all aspects, issues, and topics related to HIE
 - HIE activities are communicated between the local chapters and HIMSS national through the monthly Roundtable meetings and newsletter.
 - Participants in standards development (e.g. CCHIT Test script solicitation for comments)
 - Influential voice at local, state, and national levels

HIMSS RHIO/HIE (cont'd)

- Latest Activities
 - Monthly/bi-monthly education events focused on HIE best practices
 - Project implementations
 - Sustainable business models
 - Content exchange
 - Case studies involving NeHII, HealthBridge, and the Atrius Health / South Shore Hospital data exchange (this month)

HIMSS RHIO/HIE (cont'd)

- Federal Stimulus Analysis and Projections
 - Permanent establishment of the Office of the National Coordinator
 - Under their direction, HIE standards, certification, policies, programs, and federal strategic plans will be enacted
 - Initial standards and certification criteria by Dec. 2009
 - Standards harmonization and test labs to follow
 - Increase in budget from \$60M to \$2B to
 - Provisions to incent EHR adoption
 - EHR applications must be certified to include:
 - patient demographics
 - clinical health information (e.g. medical history and problem lists)
 - clinical decision support
 - physician order entry
 - ability to capture and query information relevant to healthcare quality
 - ability to **exchange** and **integrate** electronic health information

HIMSS RHIO/HIE (cont'd)

- Federal Stimulus (cont'd)
 - Privacy and Security Requirements
 - Notification to consumers of breach (EHRs and HIEs)
 - HIEs must conform to HIPAA
 - Consumer notification of disclosures
 - New restrictions on PHI marketing
 - Consumer access to their data (not all encompassing at this time)
 - Increased HIPAA enforcement
 - Consideration/study of open source HIT systems by DoD, VA, and other Federal Agencies

UHIN Update

- Latest developments
 - HIPAA 2 and ICD-10 conformance
 - UHIN will be working with its members to create an implementation standard
 - UHIN Standards Committee to create Utah standards regarding the new HIPAA transactions
 - Clinical Exchange
 - Axolotl was chosen to provide the application for UHIN's Clinical Information Exchange Network (cHIE)
 - Clinicians can access data from any health care provider in the state.
 - Reviewing policies and standards while cHIE under development
 - Working to connect provider of clinical information

NHIN Update

- Overview of accomplishment so far
 - Implementation of Trial Service Interface Specifications by selected healthcare provider entities and their technical partners. Core service specifications address:
 - Message Platform Service
 - NHIN operated under a secure peer gateway scenario. Each gateway/NHIE relayed information to/from their local HIE/RHIO community
 - Authorization Framework Service
 - Authorization to obtain patient information was based on SAML assertions
 - Subject Discovery Service
 - HL7 v.3 messages for add, update, merge, revoke, and find patient queries
 - Subject discovery was the prerequisite to information exchange

NHIN Update (cont'd)

- Document Query Service
 - All patient data exchanged uses the IHE document model. To obtain patient data, an entity must query one or more gateways for pertinent healthcare documents
- Document Retrieve Service
 - Once the document query has returned a list of documents, the user may select which documents to retrieve.
- Audit Log Query Service
 - All message exchanges are audited and retrievable through this service

NHIN Update (cont'd)

- Consumer Preferences Service
 - A consumer/patient's data sharing preferences can be exchanged and enforced using the OASIS XACML standard.
 - Consumer preferences may include who (including role), when and for what purpose their data can be shared.
- Publish/Subscribe “Base” Specification
 - Peer gateways are given the ability to subscribe to certain events that can happen at each NHIE. Currently, the notification of the update to a consumer preferences document and the notification of new documents' availability are the only notifications addressed.
- Pseudonymization Service
 - Removal of patient identification from clinical data for research and disease control type scenarios

NHIN Update (cont'd)

- All participant involvement in two major testing events for HHS Secretary, VA Secretary, and AHIC Board Members(?)
 - August-September: first 7
 - December: last 2

NHIN Update (cont'd)

- NHIN next steps
 - NHIN2 participants are moving ahead anticipating a grant of 2nd year funding
 - Some progress being made
 - SSA is looking to go live this with medical document retrieval for disability determination using NHIN standards
 - NHIN Connect software scheduled to be made public by the end of March 2009

Questions