Update on ONC Activities

NCVHS: November 18, 2008

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Deputy National Coordinator

Office of the National Coordinator for Health Information Technology
Agenda

- Health IT Strategic Plan Synopsis in hard copy
- Final meeting of AHIC
- Progress in Interoperability and Standards
- Report from State Alliance for E-Health
Final AHIC Meeting: November 12

- Announcement of the CMS PHR Demo
- Reports on the AHIC Successor
- Panel on Adoption
  - Closing reports from EHR, Chronic Care, Consumer Empowerment Workgroups
  - Preliminary results of EHR adoption survey in hospitals
  - Secure messaging pilot update
- Quality Workgroup closing reports
- Personalized healthcare closing reports
- Clinical decision support closing reports
- Recognition of AHIC members
Standards in the National HIT Agenda

- American Health Information Community Priorities (AHIC)
- Healthcare Information Technology Standards Panel (HITSP)
- Nationwide Health Information Network (NHIN)
- Certification Commission for Healthcare Information Technology (CCHIT)
- Federal Systems and Healthcare Contracts (Executive Order 13410)

Use Cases → Healthcare Information Technology Standards Panel (HITSP) → Healthcare Information Technology Standards Panel (HITSP)

Interoperability Specifications

Secretarial "Acceptance"

Secretarial "Recognition"

One Year - Testing and Implementation

Verified

Use
Standards in the National HIT Agenda: Current Status

American Health Information Community Priorities (AHIC)

Healthcare Information Technology Standards Panel (HITSP)

Secretary Currently “Accepted”
60 (2007 Use Cases)

Certification Commission for Healthcare Information Technology (CCHIT) (Stark and Anti-kickback)

Interoperability Specifications

Federal Systems and Healthcare Contracts (Executive Order 13410)

Secretary Currently “Recognized”
52 (2006 Use Cases)

One Year - Testing and Implementation

2008 AHIC Use Cases

Use Cases

Use

Verified

Nationwide Health Information Network (NHIN)
Standards in the National HIT Agenda: Anticipated January Status

- American Health Information Community Priorities (AHIC)
- Healthcare Information Technology Standards Panel (HITSP)
- Nationwide Health Information Network (NHIN)
- Certification Commission for Healthcare Information Technology (CCHIT) (Stark and Anti-kickback)
- Federal Systems and Healthcare Contracts (Executive Order 13410)

Use Cases

Interoperability Specifications

One Year - Testing and Implementation

Secretary Currently "Accepted" (Full set from the 2008 Use Cases)

Secretary Currently "Recognized" (Full set from the 2006 and 2007 Use Cases)

NBS AHIC Use Case,12 “Gaps and Extensions”, quality measures, clinical research

Verified Use

Certification Commission for Healthcare Information Technology (CCHIT) (Stark and Anti-kickback)
## AHIC Priorities Roadmap

### 2006
- Consumer Empowerment Use Case
  - Registration
  - Medication History
- EHR Use Case
  - Laboratory Result Reporting
- Biosurveillance Use Case
  - Visit
  - Utilization
  - Clinical Data
  - Lab and Radiology

### 2007 Use Cases
- Consumer Access to Clinical Information
  - Access to Clinical Data
  - Provider Permissions
  - PHR Transfer
- Emergency Responder EHR
  - On-Site Care
  - Emergency Care
  - Definitive Care
  - Provider Authentication and Authorization
- Quality
  - Hospital Measurement and Reporting
  - Clinician Measurement and Reporting
  - Feedback to Clinicians

### 2008 Use Cases
- Remote Monitoring
  - Remote Monitoring of Vital Signs and Labs (Glucose)
- Medication Management
  - Medication Reconciliation
  - Ambulatory Prescriptions
  - Contraindications
- Consultations and Transfers of Care
  - Referrals
  - Problem Lists
  - Transfer of Care
- Public Health Case Reporting
  - Case Reporting
  - Bidirectional Communication
  - Labs
  - Adverse Events
- Personalized Healthcare
  - Laboratory Genetic / Genomic Data
  - Family Medical History
- Immunizations & Response Management
  - Resource Identification
  - Vaccine
  - EHR Data

### 2009 Use Cases
- Newborn Screening
- General Laboratory Orders
- Medication Gaps
- Common Device Connectivity
- Clinical Encounter Note Details
- Order Sets
- Consumer Preferences
- Common Data Transport
- Medical Home: Co-Morbidity and Registries
- Maternal and Child Health
- Prior Auth & Sched for TPO
- Long Term Care - Assessments
- Consumer AE Reporting
State Alliance for E-Health

- Created in 2006 by the NGA Center for Best Practices
- Addresses role of states in facilitating adoption of interoperable health IT
- Executive body of state elected and appointed officials
- Co-chaired by Tennessee Gov Phil Bredesen and Vermont Gov Jim Douglas
- Three task forces:
  - Health information protection
  - Health care practice
  - Health information communication and data exchange
“To help their citizens reap the benefits of HIT and HIE, states must engage in collaborative, coordinated efforts with health care providers, the private sector, other states and the federal government to achieve their HIT and electronic HIE goals.”
Recommendations for State Action

1. Provide leadership and support for e-health efforts in each state;
2. Address privacy and security;
3. Promote the use of standards-based, interoperability technology;
4. Streamline the licensure process to enable cross-state e-health;
5. Engage consumers to use HIT and HIE in managing their own health
6. Develop workforce capacity to support electronic HIE efforts

http://www.nga.org/Files/pdf/0809EHEALTHREPORT.PDF
Example Strategies for State Action

1. Provide leadership and support for e-health efforts in each state;
   - Create single coordination authority for public-private efforts
2. Address privacy and security;
   - Consolidate and update relevant laws…
3. Promote the use of standards-based, interoperability technology;
   - Require public program systems to use recognized standards
4. Streamline the licensure process to enable cross-state e-health;
   - Direct state licensure boards to adopt common applications
5. Engage consumers to use HIT and HIE in managing their own health
   - Medicaid and State employees health plans implement PHRs
6. Develop workforce capacity to support electronic HIE efforts
   - Secure executive leadership trained in HIT and HIE
The Nationwide Health Information Network

Mobilizing Health Information Nationwide

The Internet

Standards, Specifications and Agreements for Secure Connections
NHIN Milestones

- Successful live technology demonstration of core capabilities to AHIC
  - 09/23/2008
- Complete specifications and testing of 7 AHIC priority use cases
  - 11/14/2008
- Demonstration of priority use cases at NHIN Public Forum
  - 12/15-16/2008
Sept 23 NHIN Trial Implementation Demonstration

- **Part 1: Supporting the Patient**
  - Emergency care
  - Transfer of care
  - *Wounded warrior*

- **Part 2: Supporting Consumer Preferences**
  - Initial set of capabilities
  - Opt in and opt out of information exchange
  - Flexible framework to permit various policy options
  - Additional capabilities to be demonstrated in December

- **Part 3: Innovative Business Use**
  - Authorized Release of Information to Social Security Administration for disability determination
<table>
<thead>
<tr>
<th>NHIN Cooperative Participants</th>
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<tbody>
<tr>
<td>• CareSpark</td>
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<tr>
<td>• Centers for Disease Control and Prevention</td>
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<tr>
<td>• Cleveland Clinic</td>
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<tr>
<td>• Community Health Information Collaborative</td>
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<td>• Delaware Health Information Network</td>
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<td>• Department of Defense</td>
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<tr>
<td>• HealthBridge</td>
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<td>• HealthLINC (Bloomington Hospital)</td>
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<td>• HealthLink RHIO (Wright State University)</td>
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<td>• Indian Health Service</td>
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<tr>
<td>• Inland Northwest Health Services (through CDC HIE contract)</td>
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<tr>
<td>• Kaiser Permanente</td>
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<td>• Long Beach Network for Health</td>
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<td>• Lovelace Clinic Foundation</td>
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<td>• MedVirginia</td>
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<tr>
<td>• New York eHealth Collaborative</td>
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<td>• North Carolina Healthcare Information and Communications Alliance (NCHICA)</td>
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<td>• Regenstrief Institute (Indiana University)</td>
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<td>• Social Security Administration</td>
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<td>• West Virginia Health Information Network</td>
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<tr>
<td>• Veterans Affairs</td>
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NHIN Trial Implementation Demonstration

Wounded Warrior Scenario
Participants in Demonstration

The following organizations participated in demonstration of standards-based exchange of patient health summary documents over NHIN.

- Department of Defense
- MEDVIRGINIA
- carespark
- NCHICA
- Department of Veterans Affairs
- KAISER PERMANENTE
Addressing the Wounded Warrior’s Needs

Meet William Ozzie*, the Wounded Warrior, injured while on deployment in Iraq.

* William Ozzie is a fictional, composite representation of a wounded soldier
The Need to Connect Public and Private-Sector Healthcare

We need to provide coordinated care for Wounded Warriors and those who have served this country, regardless of where healthcare services are provided.

Up to 60% of service member’s healthcare is provided outside of the Military Health System.

Veterans receive approximately 40% of their care outside of VA treatment facilities.

DoD | DoD-VA Continuum of Care | VA
Gunnery Sergeant William Ozzie’s Treatment History

Iraq: William Ozzie’s sustains injuries to head, body and left foot.

Bethesda, MD: Receives care at National Naval Medical Center for mild head trauma, surgery on left foot and is evaluated for traumatic brain injury (TBI).

Richmond, VA: Transferred to St. Mary’s Hospital, a Not for Profit Hospital within the Bon Secours Health System and a data supplier to MedVirginia. Physician prescribed pain medication and an anti-inflammatory to address continued pain in left foot.

Kingsport, TN: Incurs injury to right ankle and treated at the Holston Medical Group Urgent Care of Sapling Grove, a provider that participates in CareSpark. Physician accesses records from DoD and MedVirginia. Diagnosed with sprained ankle and prescribed Acetaminophen.

Pinehurst, NC: Begins experiencing headaches while on vacation. Visits FirstHealth of the Carolinas, a member of NCHICA. Doctor reviews records from DoD, MedVirginia, CareSpark and diagnoses an analgesic overuse headache.

Richmond, VA: After honorable discharge, William begins treatment at Hunter Holmes McGuire VA Medical Center.
VA Demonstration

NHIN

Information available about William Ozzie?

CONNECT

Hunter Holmes
McGuire VA Medical Center

Permission
Search
Verify ID

William Ozzie
NHIN Milestones

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Demonstration of priority use cases at NHIN Public Forum

Come join us at the NHIN Forum
December 15 and 16
Register for the next NHIN Forum at the Grand Hyatt, Washington, DC
www.hhs.gov/healthit/healthnetwork