National Committee on Vital and Health Statistics (NCVHS)

Consolidated Health Informatics (CHI) Update

September 21, 2005



U.S. Department of Health and Human Services Office of the National Coordinator for Health Information Technology



Agenda

Updates

FHA

- Office of the National Coordinator and Federal Health Architecture
- Current CHI Standards Work Groups
 - Allergy
 - Disability
 - Multimedia

Collaboration Activities

- USHIK, caDSR, and NIST

Next Steps

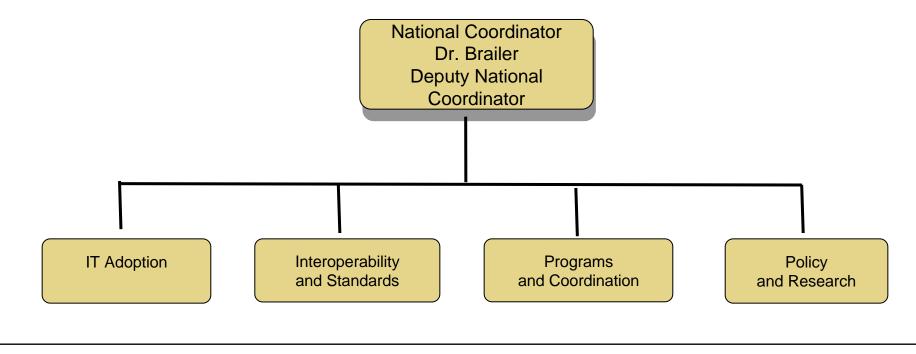
- Develop, Revise and Finalize Recommendation Report Completion
- Implementation Guideline Development
- Continued Collaboration Efforts





Office of the National Coordinator and Federal Health Architecture

- CHI initiative merged with the Federal Health Architecture
 - http://www.hhs.gov/healthit/chiinitiative.html
- Office of the National Coordinator has been formally established with specific offices for supporting the Nationwide Health IT agenda
- Federal Health Architecture program falls within the Office of Interoperability and Standards
- CHI Co-Leads: Gail Graham, VA and Captain Mary Forbes, FHA





Current Standards Work Groups

- Adopting New CHI Standards Messaging and Vocabulary Standards
 - Allergy: Marcia Insley, VA
 - Disability: Dr. Desi, SSA; Jennie Harvell, ASPE
 - Multimedia: Dick Swaja, NIH and Bill Heetderks, NIH



CHI Allergy Work Group

• Membership- representatives of federal agencies/ MITRE facilitator

- CMS EPA NLM
- DOD FDA VA

• Approach

FHA

- Review vocabulary requirements for exchanging allergy health information across the federal health enterprise (allergen type, allergen severity, allergen reaction, allergen name, allergen group)
- Identified over 30 potential allergy vocabulary candidates
 - CHI adopted vocabularies, Proprietary and Non-proprietary
 - Strong Candidates: SNOMED, FDA SRS (UNII codes, SPL and RXNORM), VA/DOD Non Drug Allergens, NDF-RT, and FALCPA
- Utilize HL7 Allergy Information Segment and Reference Information Model

Recommendation Process

- Draft Recommendation Report
- Collaborate with other allergy vocabulary development initiatives



CHI Disability Work Group

Membership – representatives of federal agencies/ MITRE facilitator

- AHRQ CMS NLM VBA
- ASPE DOD SSA
- CDC DOL –VA

Approach

FHA

- Identify agency-specific disability concepts
- Develop agency-specific Use Case based on concepts and business processes (both current and future)
- Synthesize Use Cases from agencies to assess overall federal needs
- May require harmonization of two or more existing standards

Recommendation Process

- Attempt to match federal needs to existing vocabulary/ vocabularies
- Encourage standardization of disability concepts by describing and disseminating results and standardization methods

CHI Multimedia Work Group

Membership – representatives of federal agencies/ MITRE facilitator

- NIH/NIBIB VA DOD CMS
- NIH/NLM FDA CDC

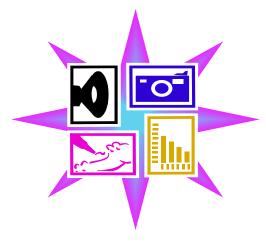
Approach

FHA

- Determine storage and exchange standards for Multimedia information
- Develop 6 scenarios to support exchange of EHR Multimedia content (DICOM compatible, HL7 and DICOM compatible, DICOM/ HL7 to HL7/Non DICOM, HL7/Non DICOM to HL7/DICOM; DICOM to Non HL7/ Non-DICOM, DICOM/NonHL7 to DICOM/HL7)

Recommendation Process

 Final stages of developing consensus on Multimedia report recommendation



Collaboration Activities

• USHIK –

FHA

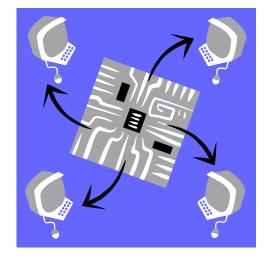
- CHI Data Standards Registry
- http://www.ushik.org/

caDSR-

- Standards Repository
- http://ncicb.nci.nih.gov/core/caDSR

• NIST

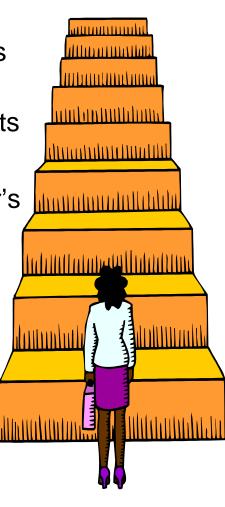
- Healthcare Standards Landscape
- http://hcsl.sdct.nist.gov:8080/hcsl/home.html





CHI Efforts

- Continue Multimedia, Allergy and Disability standards adoption recommendation process
- Support implementation guidelines development efforts
- Continue CHI Work Group collaboration efforts
- Coordinate with the Office of the National Coordinator's activities



Questions?

WANN SERVICES.



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