



**US Department of Health & Human Services,
Office of the National Coordinator (ONC),
Nationwide Health Information Network (NHIN)
Trial Implementations**

**Update to WVHIN Board of Directors
October 9, 2008**

NHIN 2 Project Update

- Accomplishments
- Experiences Gained
- Looking Forward
- Project Challenges
- NHIN 2 Demonstration

Work Group Accomplishments To Date

- Collaborated with other HIE participants to complete the following Work Group deliverables:
 - Common Template for Data Use & Reciprocal Support Agreement (Test Data)
 - Fully Executable DURSA (Test Data)
 - Standards-Based Core Services Interfaces Specification Recommendations
 - Content Specification for the Summary Patient Record
 - Use Case Requirements Documents – EHR and Consumer Empowerment
 - Conformance & Peer-to-Peer Test Scenarios and Plans (for August Testing Event)

Other Accomplishments To Date

- Successfully exchanged WV specific health care data between participating provider organizations
- Successfully demonstrated through conformance and peer-to-peer testing that WVHIN could exchange core services with other HIEs (with no required remediation plan)
- At AHIC demo, successfully demonstrated exchange of consumer preferences with DHIN

Partners in the WV Specific Data Exchange

- American Medical Facilities Management
- Appalachian Regional Healthcare Hospitals (Beckley and Summers Counties)
- Cabin Creek Health Systems
- Charleston Area Medical Center
- West Virginia Medical Institute
- West Virginia University Physicians of Charleston

Experiences Gained from WV Specific Data Exchange

- Insight to real world challenges – legal barriers, varying levels of technology across provider organizations, patient outreach, etc.
- Worked with providers to design appropriate registration processes and tested this process
- Demonstrated opt-out as a working model
- Partnered with WVOT for hosting services
- Designed escalation and operational processes and procedures
- Registration statistics provide insight into patient behaviors

Looking Forward

- Remaining activities and deliverables through January 2009:
 - Work with Security and Technology Work Group to develop use case specific interface specifications
 - Participate in November Testing Event to demonstrate WVHIN can demonstrate use case specific scenarios with other HIEs
 - Participate in December NHIN Forum to demonstrate use case functionality (EHR and Consumer Empowerment)
 - Further develop DURSA for live data as part of the DURSA Work Group

Program Challenges

- Continuing to balance ONC demands against contractual requirements
- Accomplishing changing scope of work with limited funds
- ONC leadership changes

Capability Demonstrations

- **Subject Discovery**: The capability to discover patient across the network using patient demographic data and matching algorithm
- **Document Query**: The capability to retrieve meta data about documents available to be retrieved by another HIE across the network
- **Document Retrieval**: The capability to retrieve specific patient clinical documents from another HIE using core services standards and specifications

Demonstration Context

- Anna is a 52 year widow who recently relocated to West Virginia from Delaware
- Anna participated in the DHIN while living in DE
- Anna recently experiences sore throat, cold and fever like symptoms
- Anna visits Dr. Powers who participates in the WVHIN
- During the registration process at the facility, Anna is informed about the WVHIN and chooses to participate in the WVHIN & NHIN
- During the encounter with Dr. Powers, Anna mentions that she use to live in DE
- Dr. Powers is able to log into the WVHIN portal and retrieve data from DHIN about Anna's past medical records