

NCHICA North Carolina Healthcare Information and Communications Alliance, Inc.

North Carolina Health Information Exchange Council

June Meeting

NCHICA Offices and web meeting
June 18, 2008

1 *Improving health and care in North Carolina by accelerating the adoption of information technology and enabling policies*

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AGENDA

<u>Start</u>	<u>Topic</u>	<u>Discussion Leader</u>
2:00	Welcome and Introductions	Andrew Weniger
2:10	Approve notes from May 14th meeting	Andrew Weniger
2:15	Committee Reports <ul style="list-style-type: none"> • Finance & Administration • Policy Development • Quality of Care & Evaluation 	Lanier Cansler, Phred Pilkington Dave Dillehunt, Kris-Shae McCall Ed Ermini, John Kessler
2:30	Progress Reports from NHIN 2 & HISPC	Andrew Weniger, Dennis Severt
3:00	NHIN 2 Demonstration & Questions	IBM Team
3:30	Open Discussion & Next Steps	All
4:00	Adjourn	

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Welcome & Objectives

The North Carolina Health Information Exchange Council
NC HIE COUNCIL

Members

Council members represent the following organizations or professional groups:

- North Carolina Consumer Advisory Council on Health Information
Mark Holmes, MD, PhD
- North Carolina Medical Society
Regina Crawford, MD
Dr. Crawford, MD is a practicing physician and member of the non-medical group in Lenoir, NC. A graduate of the North Carolina Medical Center (NCMC) Leadership College, she currently serves as a member of the NCHEC Quality of Care and Performance Improvement Committee. She is also a member of the American Academy of Osteoporosis, Head and Neck Surgery Medical Illustration Committee.
- NC Hospital Association
Jason Baisden, MD
Dr. Baisden, MD is Executive Director of the Western North Carolina Health Network, an affiliate of the North Carolina Health Care System. He joined the NCHIE Council in 2008 and has served as project manager for the development of the NCHIE (aka NCHIE). He is a graduate of the Ohio State University School of Law.
- North Carolina Nursing Profession
Marianne Blomster, MD, MPH

- NC HIE Council Roll Call
 - Welcome
 - NC Association of Free Clinics
 - Jason Baisden
 - NC Office of Emergency Medical Services
 - Regina Crawford
 - Institute of Medicine
 - Mark Holmes
- Approve 5/14 HIE Council Meeting Notes

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Consumer Advisory Council on Health Information (CACHI) **NCHICA NC HIE COUNCIL** **NHIN Trial Implementations (NHIN Phase 2) & other projects**

Policy Development Committee	HIE Development & Technical Operations Committee	Finance & Administration Committee	Stakeholder Relations Committee	Quality of Care & Evaluation Committee
<ul style="list-style-type: none"> • Data use • Confidentiality and privacy policies • Data sharing agreements • User agreements • Other 	<ul style="list-style-type: none"> • Architectural framework • Technical operations & Maintenance • Data management • Security • Interoperability standards • Help Desk 	<ul style="list-style-type: none"> • Finance • Contracts • Legal • Human Resources/ Staffing • Business development 	<ul style="list-style-type: none"> • Consumer relations • Provider relations • Public/Media relations • Technology adoption • Education & outreach • Marketing 	<ul style="list-style-type: none"> • Quality Initiatives • Outcomes measurement • Special projects

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NC HIE Council Committees

Policy Development Committee

- Dave Dillehunt & Kris-Shae McCall
- Met May 28
- 32 Attendees
- June to address DURSA and Inter Organizational Agreements
- July to address Consent Policies

NC HIE Council Committees

Finance & Administration Committee

- Lanier Cansler & Phred Pilkington
- Met June 4 and June 18
- Low Attendance (10 – 15 each meeting)
- Defined Initial Business Planning Scope
 - Scenario based business plan for NHIN deliverable – Iteration 1

NC HIE Council Committees

Quality of Care and Evaluation Committee

- Ed Ermini & John Kessler
- Facilitation offer from Sue West - RTI
- July kickoff planned
 - Recruiting
- Relationship with
 - NCMS Quality of Care & Performance Improvement Cmte.
 - NCHA Center for Hospital Quality & Patient Safety
 - NC Pharmacists Association Quality Assurance
 - Governor's Quality Initiative, Etc.
- HHS Chartered Value Exchange application in Oct.

NC HIE Council Task Force

Mental Health Task Force

- Sally Cameron & Mary Tripp
- Coordination with NC DHHS
- Met May 23rd with VA, SSA, Federal representatives

Stakeholder Relations

Regional Meetings

- August 1st Asheville
- Charlotte, Triangle, Southeast

Recent National Publications

ONC – Coordinated Federal HIT Strategic Plan

- June 3, 2008 <http://www.hhs.gov/healthit/resources/reports.html>

Congressional Budget Office

- May 18, 2008 <http://www.cbo.gov/doc.cfm?index=9168>

ePrescribing

–eHealth Initiative

- June 12, 2008
<http://www.ehealthinitiative.org/medicationManagement/default.aspx>

–Center for Health Transformation

- June 10, 2008
<http://www.healthtransformation.net/cs/CHTwhitepapers>

ONC Terms Definitions

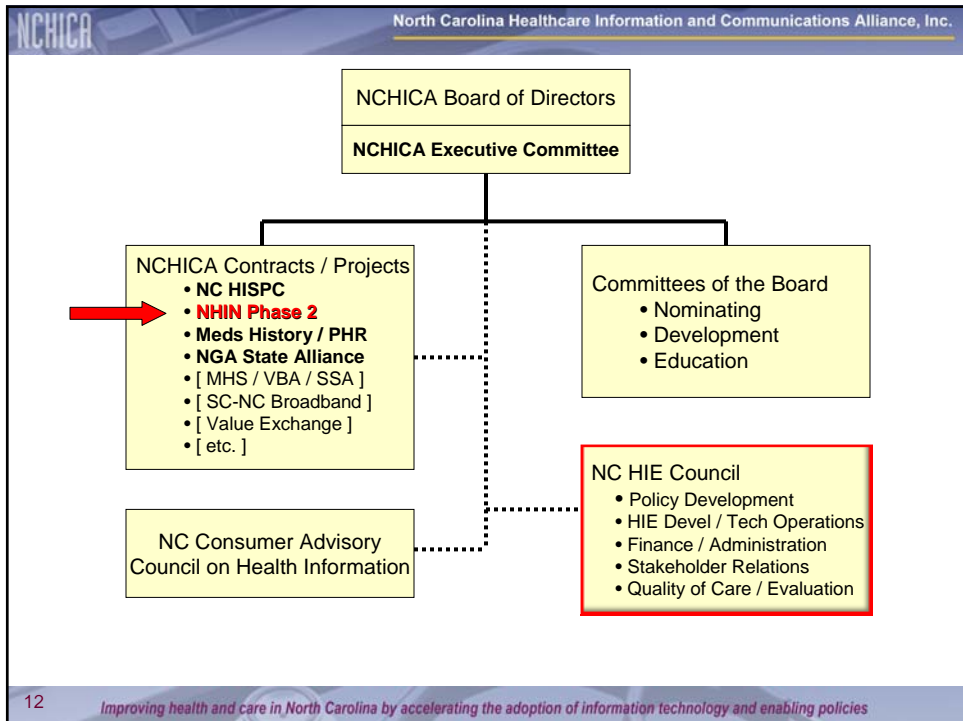
- April 28, 2008 <http://definitions.nahit.org/>

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View from the State Level

California	CalPERS endorses CalRHIO ~\$300 million project (April 08)
Maine	HealthInfoNet secures \$4 million (Jan 08)
New York	NYSDOH announces \$105 million for HIE (March 08) – fifth phase of \$1 billion over several years
Tennessee	eHealth Council and AT&T partnership (Feb 08)
Vermont	passed bill to tax claims to support HIE - \$32 million over seven years (May 08)
Minnesota	(pending) budget \$18.5 million (08-09)
Missouri	budget \$15 million (08-09)
Arizona & Georgia	Governors initiate ePrescribing program (May 08)
New Hampshire	Executive Order to create HIT strategic plan (May 08)

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The NHIN Trial Implementation implements a “network of networks” for intra- and inter-state exchange of healthcare information

NC HIE

- Convener, Educator, Facilitator
 - Privacy/security framework
 - Standards/reference architecture
- Incubator for piloting new concepts
- Utility for Foundational Services (e.g., EMPI, Record Locator Services)
- NHIN compliant linkage to other states/regions

NC Community HIEs

- Encourage EHR adoption and “last mile” connectivity
- Develop real-time patient summary and data aggregation capabilities
- Provide training and education
- Engage non-provider stakeholders (payers, employers, public health)

Other State or Regional NHIN Trial Implementation Participants

Community HIEs

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NCHICA NHIN Trial Implementations Progress Report

Participating providers include

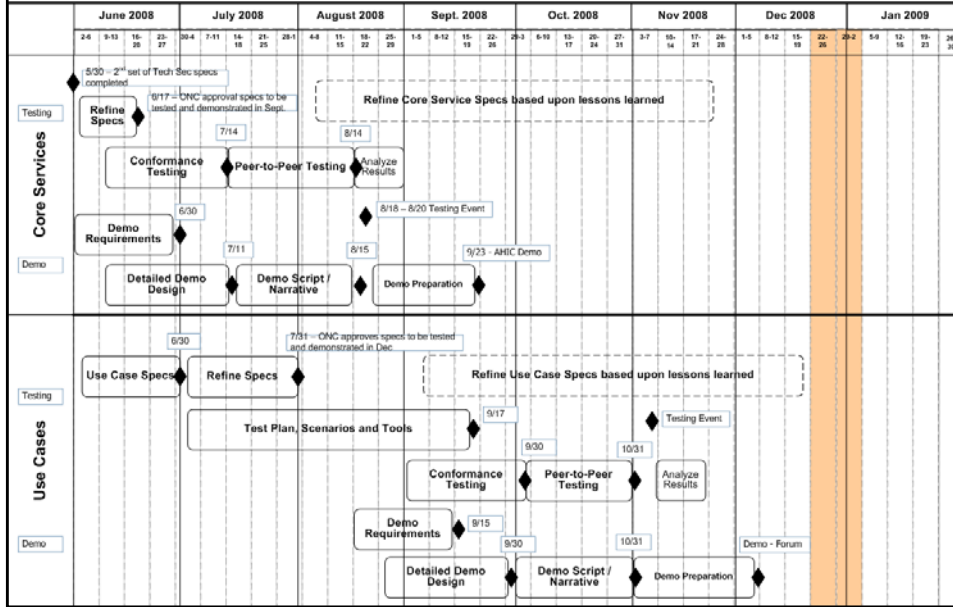
- Carolina Neurosurgery & Spine Associates
- FirstHealth of the Carolinas
- Morehead Memorial Hospital & affiliated practices
- Pinehurst Surgical Clinic
- Southern Pines Women’s Health Center

Technology Partners

- Allscripts
- CapMed PHR
- eClinicalWorks
- Greenway
- IBM
- LabCorp
- Nextgen

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Trial Implementations Timeline



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NCHICA NHIN Trial Implementations Progress Report – June 2008

NHIN 2 Project Component & Deliverables Status

Component	Completion Status (Approximate %)
Security Agreements (DURSA+)	65%
Evaluation Plan	10%
Business Plan	35%
Security Policies	25%
Use Case Software & Svcs	50%
Third Party Software & Svcs	60%
Core Service	85%

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Status of IBM's Hosted Solution for the NC HIE

Dennis Severt / Richard Franck

6/18/2008



Core Services Development, Test & Integration

IBM Custom Software	
Record Locator Service	COMPLETE
Data Storage and Retrieval Service	COMPLETE
Messaging and Notification Service	COMPLETE
Data Acquisition and Validation	COMPLETE
Audit and Logging Service	COMPLETE
Terminology Mapping Service	COMPLETE
Data Transformation Service	COMPLETE
Access Consent Management Service	COMPLETE
Anonymization Service	Not started – not required for this year.

Client Interface Adapter Development, Test & Integration

HL7 message adapter	COMPLETE
IHE adapter	COMPLETE
Web Services adapter	50% complete – not required for initial connections
Web-based user interfaces	Core capabilities complete
NCPDP adapter (SureScripts)	Not yet started – required for Consumer Access to Clinical Information use case

Software Installation, Integration & Test

IBM Websphere MQ & IBM Data Base (DB2)	Installed and Integrated
HIPAA Privacy eSuite (Consent Management software)	Installed and Integrated
Apelon Distributed Terminology Service	Ported to DB2/WebSphere platform. Installed in Development environment. Move to Production in July/August.
Initiate Patient Identity software	Not installed – contract in final stages
Health Market Services (provider lookup)	Integration Design completed. Target to “go live” in October.
Interfaceware (HL7 Parsing software)	Installed and Integrated

Use Case related software and providers

CapMed (Personal Health Record)	Contract Negotiations underway
NoMoreClipboard (Personal Health Record)	Contract Negotiations underway
LabCorp	Design discussions underway
SureScripts / Medications	Scheduled to start
Apelon - Professional services for terminology mapping	SOW complete; work to begin in June.

Connect & Validate NC HIE Participants

Carolina Neurosurgery & Spine Associates	Interface Spec Approved VPN Integration Completed Initial testing underway
FirstHealth of the Carolinas	Interface Spec in Review VPN Integration in progress
Morehead Memorial Hospital & affiliated practices	Interface Spec Approved VPN Integration Completed Initial testing to begin in June
Pinehurst Surgical Clinic	Interface Spec Pending VPN Integration Completed Initial testing underway
Southern Pines Women's Health Center	Interface Spec Approved VPN Integration Completed Initial testing underway

Submitted Draft Use Case Requirements Document



NHIN Trial Implementations Use Case Requirements Document

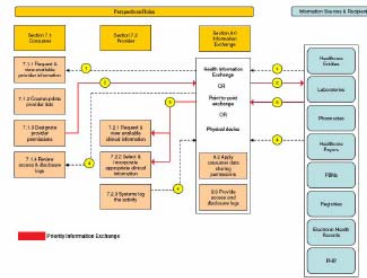
Use Case Title: Consumer Empowerment: Consumer Access to Clinical Information
Workgroup: Consumer Perspective
Version: Workgroup DRAFT V3.0 04-24-2008

Description:

Enhancing a consumer's ability to make well informed decisions about their healthcare and healthy lifestyles can be supported by the consumer having access to their health information. Consumers may also want to have the ability to make their information available to their healthcare providers in ways which respects the consumer's needs for privacy and confidentiality. A secure Personal Health Record (PHR) has the potential to become a key enabler for the consumer to gather and share this information with adequate safeguards.

Req. #	Action From	Action To	Action	Comment
7.1.2.1.1	Consumer	PHR Application	Authenticate to PHR	
7.1.2.1.2	PHR Application	Consumer	If Validated, Display PHR Home Page	Conditional flow: if authentication fails, instructional message displays
7.1.2.1.3	Consumer	PHR Application	Select Access Consent Service	It is desirable for a PHR Application to provide the user an interface for managing their contact lists (provider, caregiver, family member, healthcare proxy, etc.).

Scenario 2: Provider Lists & Permissions



Consumer Empowerment – Consumer Access to Clinical Information
 Use Case Flow Scenario 2 – Provider Lists and Permissions
 Phase 2 – 7.1.2.1.2. Create Update Provider List

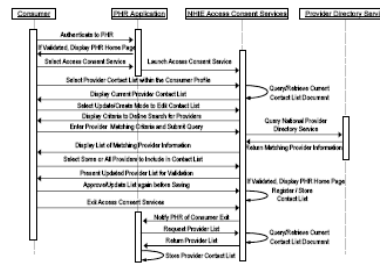
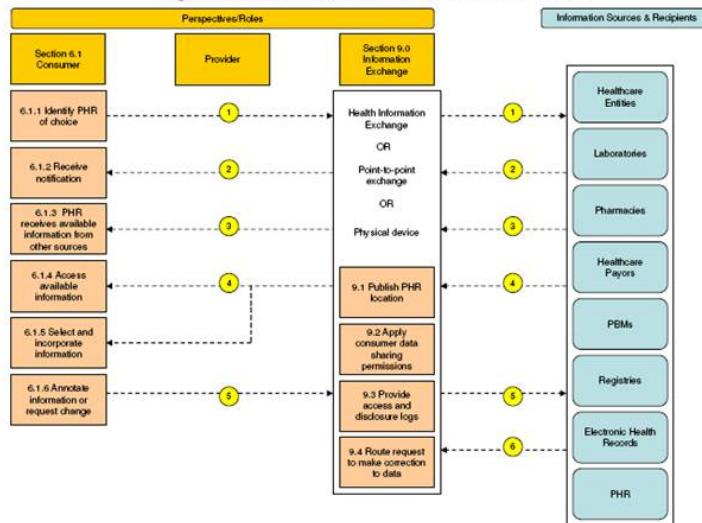
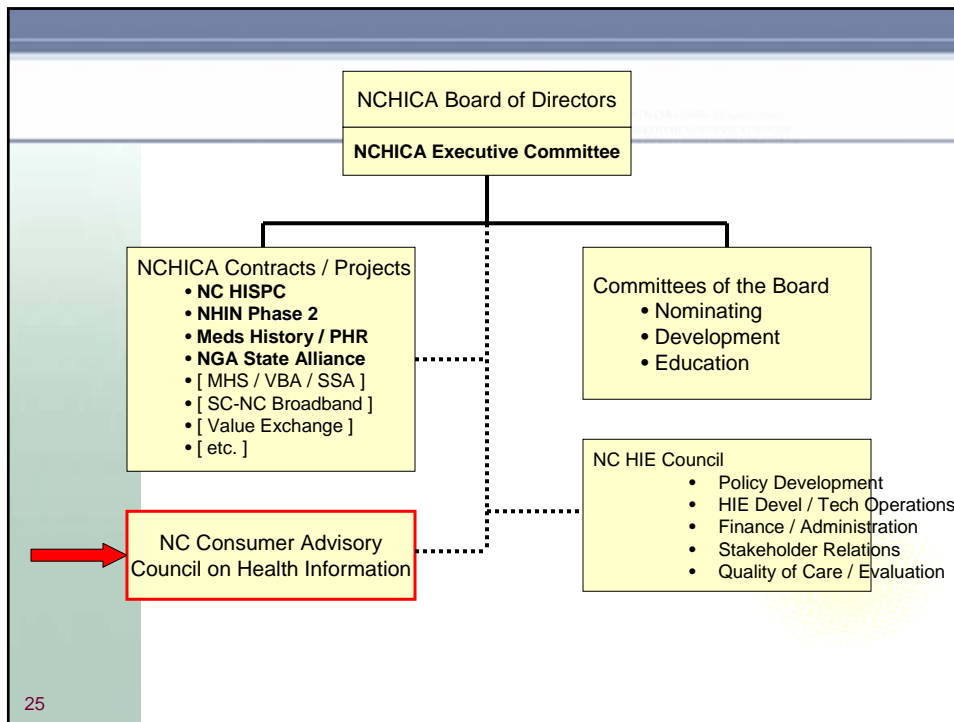


Figure 5: Provider Lists and Permissions (Diagram)

Use Case: Consumer Empowerment: Consumer Access to Clinical Information

Figure 6-1. Consumers Receive and Access Clinical Information





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NHIN 2 Demonstration

IBM Team

– Ginny Wagner, Project Executive

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Upcoming Meetings

NC HIE Council

- Aug. 1st 2:00 PM Asheville
(Mountain AHEC)
- Sept., 9th 7:45 AM NCHICA Annual Conference

NC HIE Council Committees

Policy Development

- June 25th 11:00 AM NCHICA

Policy Development

- July 23rd 11:00 AM NCHICA

Finance & Administration

- July 23rd 2:00 PM NCHICA

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Reference Links

Nationwide Health Information Network (NHIN) Trial Implementations
www.hhs.gov/healthit/healthnetwork/trial/

Web links for AHIC use cases
www.hhs.gov/healthit/usecases/

Certification Commission for Healthcare Information Technology
www.cchit.org/

Healthcare Information Security & Privacy Collaboration
www.nchica.org/NCHISPC/intro.htm

Health Information Technology Standards Panel
www.ansi.org/hitsp/

National Governors Association
www.nga.org/center/ehealth/

State-level HIE Consensus Project
www.staterhio.org

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