



CHCANYS Annual Meeting

October 27, 2008

BHIX Background

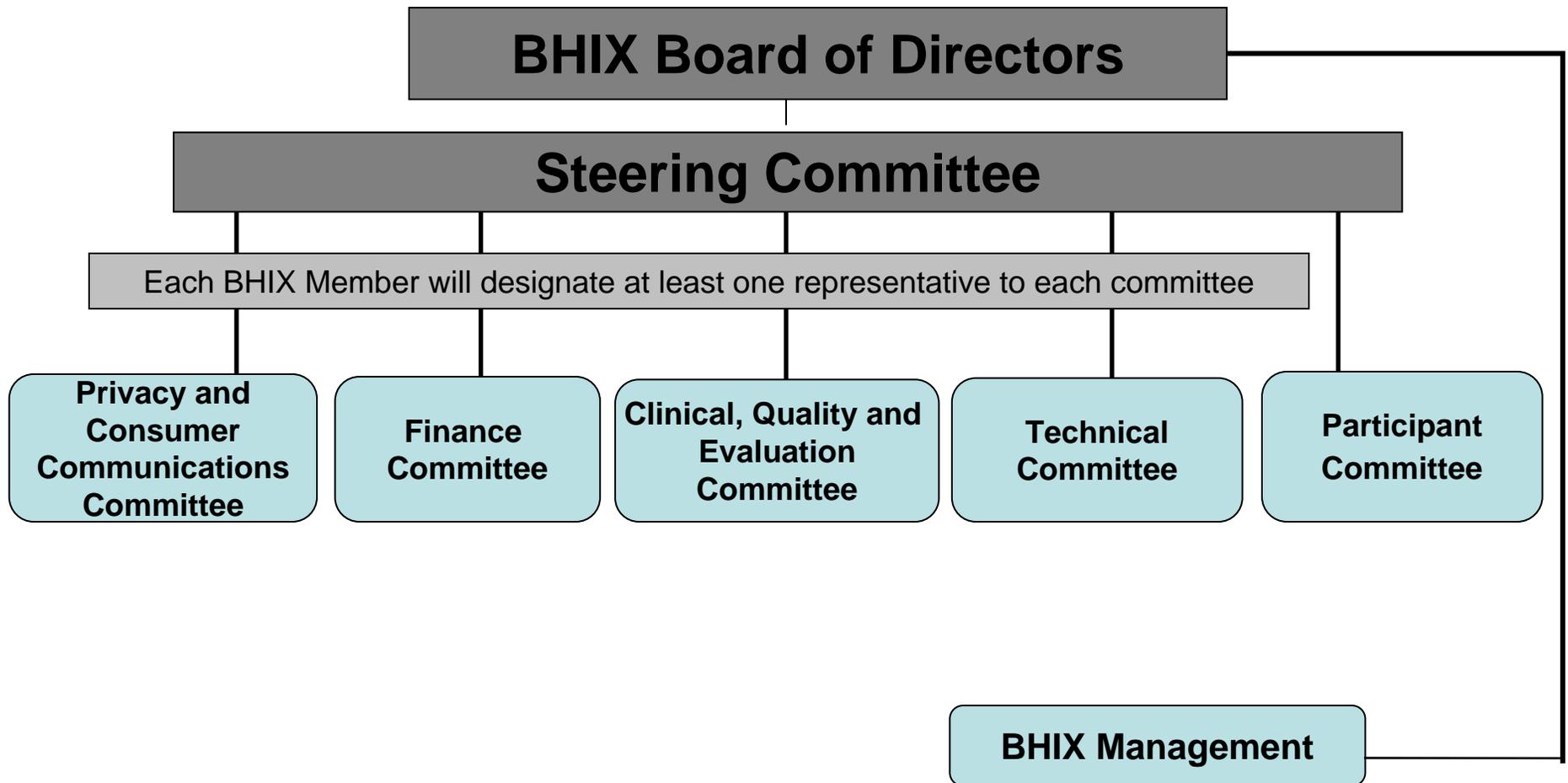
Background

- BHIX is a Regional Health Information Organization (RHIO)
- BHIX was founded on principles of collaboration, inclusiveness and transparency
- BHIX was formed as NY not-for-profit corporation – July 2007
 - Developed By-Laws and organizational documents
 - Co-equal membership
 - Structured Board of Directors - CEO and At-Large Community representation
- Participation/Business Associate Agreements govern relationship with BHIX
 - All Corporate Members (including each sub-entity) sign
 - All Participants will also sign Participation/BAA Agreements with BHIX

BHIX Vision

- Build and govern secure electronic infrastructure for health information exchange
- Link the healthcare community with access to complete patient data across care settings, supporting the continuum of care
- Increase accurate and actionable information at the point of care to improve quality, efficiency and safety of care
 - More complete, up-to-date clinical information
 - Reduce duplicative tests
 - Prevent medication and treatment errors

BHIX Corporate Structure



HEAL1 Corporate Members

- Six Corporate Members with various sub-entities
 - 1199SEIU National Benefit Funds
 - Kingsbrook Jewish Medical Center; Rutland Nursing Home
 - Maimonides Medical Center
 - Metropolitan Jewish Health Systems (MJGC Home Care; First to Care Home Care; Metropolitan Jewish Geriatric Center; Shorefront Jewish Geriatric Center; Elderplan, Inc.)
 - Sephardic Skilled Nursing and Rehabilitation Center
 - Visiting Nurse Service of NY

HEAL5 New Corporate Members & Participants

- Four New Corporate Members
 - Housing Works
 - Lutheran Medical Center (Lutheran Medical Center; HealthPlus; Sunset Park Health Council/Lutheran Family Health Centers; Augustana Center for Extended Care and Rehabilitation)
 - VNR (VNAB; Empire State Home Care Services)
 - MediSys (Brookdale, Jamaica and Flushing Medical Centers; Brookdale Family Care Center; Medisys Family Care Center; Urban Strategies/Brookdale Family Care Center; Schulman & Schachne Institute for Nursing and Rehabilitation; Jamaica Hospital Nursing Home)
- New Participants
 - Continuum/Beth Israel Kings Highway Division
 - HealthFirst
 - VidaCare
 - Neighborhood Health Providers (NHP)
- New “CHITA” Participants
 - PCHIC (Sunset Park Association of Help to Retarded Children, Brownsville Multi-Service Family Health, Community Health Care Network, Planned Parenthood, ODA Primary Health Care Center, Bedford Stuyvesant Family Health Center, Callen-Lorde Community Health Center, Brooklyn Plaza Medical Center)
 - NYC DOHMH – Primary Care Information Project (PCIP)

Brooklyn: Population Demographics

- 2.5 million residents
- Tremendous diversity/multiple languages
- Home to 20% of New York's 4 million Medicaid patients
- 11.5% age 65 or older (280,000)
- 25% of people living with HIV/AIDS in NYC live in Brooklyn (24,000)
- 23% report being in fair or poor health



BHIX HEAL 5 Service Area

- **BHIX HEAL5 Provider/Payer Statistics**
 - 39% of Hospitals in Brooklyn Region (Includes Jamaica and Flushing Hospitals)
 - 30% of Hospital Admissions of Brooklyn Residents (36% in Primary Discharge Area)
 - 33% of Insurers and 19% of Covered Lives
 - 43% of Physicians
 - 15% of Nursing Homes
 - 45% of Home care Agencies
 - 63% of Long Term Home Health Care Programs
- **BHIX Medicare/Medicaid**
 - Approximately 36% of BHIX HEAL5 Hospital Discharges Medicare
 - Approximately 42% of BHIX HEAL5 Hospital Discharges and ER Visits Medicaid
 - BHIX HEAL5 Hospitals have 25% of Medicaid FFS and 34% of Medicaid Managed Care in Brooklyn
- **BHIX Hospitals have 21% of the HIV/AIDS-related Admission/Discharges in Brooklyn**

HEAL 1 Project Overview

BHIX HEAL 1 Project

- New York State - *Let a thousand flowers bloom*
- BHIX Goals
 - Establish governance, leadership and committees
 - Develop regional privacy and security policies
 - Provider-by-Provider Consent to Access data from others through BHIX
 - Aligned with “White Paper”
 - Design, build, deploy technical infrastructure
 - Clinical portal and Document imaging - MedPlus
 - Patient Identification (EMPI) - Initiate
- Focus on 6 Data Elements
 - Patient Demographics
 - Allergies
 - Medications
 - Advance Directives
 - Problem Lists/Prior Diagnoses
 - Provider Care Team

FirstGateways Demonstration - Windows Internet Explorer

C:\Documents and Settings\Jadyn Haar\Desktop\BHIX-v2\BHIX-v2\login.html

Live Search

FirstGateways Demonstration

BHIX Brooklyn Health Information Exchange

Facility

User Name

Password

I understand the information contained within the BHIX system is CONFIDENTIAL, and may contain sensitive information related to HIV/AIDS, mental health, genetic disease or tests, alcohol or drug abuse, sexually transmitted diseases and family planning.

Information obtained through the BHIX system may be re-disclosed only to the extent permitted by applicable laws and regulations.

The BHIX system contains a partial medical history. Any unexpected results or results inconsistent with clinical observation or history should be repeated or confirmed. It is understood that receipt and review of information contained in BHIX will not substitute for independent examination, diagnosis and treatment of the patient and the ultimate judgment regarding the patient's medical condition, diagnosis and treatment must be made by the physician and other health care providers in light of the individual circumstances presented by the patient at the time of treatment.

All access is recorded and subject to audit. Unauthorized access or use of BHIX is prohibited and subject to disciplinary action. I understand that sharing of user names and passwords is prohibited.

Done

Internet 100%

start Squi... Squi... Cha... 017... Not... FW:... Ket... Doc... Micr... BHI... Micr... First... 1:43 PM

Patient Search

Must Enter Both Fields

Facility:
 MRN:

Must Enter Patient Last Name:

Must Enter At Least Two Other Fields:

First Name: Phone Number:
 DOB: Zip:
 SSN:

For best search results, please complete as many fields as possible.

Search Results

| | Name | SSN | Gender | Date of Birth | Phone | Address | Zip | MRN |
|---|---------------|-------------|--------|---------------|------------------|---------------------|-------|-----|
| | JACK SMITH | XXX-XX-1234 | M | 07/11/1942 | (206) 111 - 5678 | 100 Test Blvd Apt C | 11429 | |
| | HAROLD DEMO | | M | 01/30/1998 | (206) 567 - 8890 | 1010 1st AVE | 11219 | |
| | JOSEPH DEMO | | M | 02/26/1979 | (206) 456 - 3245 | 1010 WASHINGTON ST | 11219 | |
| | ANNE DEMO | | F | 01/23/1945 | (206) 246 - 0987 | 123 STATE ST | 11219 | |
| + | STEVEN DEMO | | M | 08/13/1929 | (206) 436 - 5643 | 123 MAIN ST | 11219 | |
| | HENRY DEMO | | M | 07/17/2007 | (206) 234 - 8357 | 1010 1st AVE | 11219 | |
| | CATHRINE DEMO | | F | 05/21/2000 | (206) 765 - 3456 | 1010 1st AVE | 11219 | |

Recent Patients

| Name | Gender | Date of Birth | Address |
|-----------------------------------|--------|---------------|---------|
| The Recent Patients list is empty | | | |



Welcome, John Demonstration, PhD [Logout](#)

- Clinical Data
- About BHIX
- News
- Policies & Procedures
- Data Sources
- NPI Directory
- Administration
- Help

Smith, Jack

Gender: M
 Age: 65
 DOB: 07/11/1942
 100 Test Blvd Apt C
 Brooklyn, NY 11429
 Phone: (206) 111 - 5678

- Summary
- Patient Demographics
- Allergies
- Medications
- Problem List/Diagnosis
- Advance Directives
- Notes & Scanned Images
- Provider/Care Team

- Patient Episodes of Care (5 of 7) [View All](#)

| Date | Facility/Data Source | Source Type | MRN |
|------------|----------------------|--------------|-----------|
| 1/20/2008 | Maimonides | Emergency | 111111111 |
| 1/20/2008 | Maimonides | Outpatient | 111111111 |
| 1/15/2008 | VNSNY | Home Care | 00000000 |
| 1/12/2008 | Sephardic | Nursing Home | 23242334 |
| 12/18/2005 | Kingsbrook | Inpatient | 43567890 |

+ Allergies (9) [Click for Sortable View](#)

+ Medications (9) [Click for Sortable View](#)

- Problem List/Diagnosis

+ Diagnosis (2)

+ Chronic Conditions /Problem List(1)

+ Procedures (1)

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 Phone: (206) 111 - 5678

Allergies (9) [Click for Sortable View](#)

| Date | Description | Allergy | Reaction | Facility/Data Source | Source Type |
|-------------|-------------|---------|----------|----------------------|--------------|
| 1/20/2008 | | | | Maimonides | Emergency |
| - 1/11/2008 | Peanuts | XXX | YYY | Maimonides | Emergency |
| 1/09/2008 | Peanuts | XXX | YYY | Maimonides | Emergency |
| 1/07/2008 | Peanuts | XXX | YYY | Maimonides | Emergency |
| 1/05/2008 | Peanuts | XXX | YYY | Maimonides | Emergency |
| 1/10/2008 | Peanuts | XXX | YYY | VNSNY | Nursing Home |
| 1/3/2008 | Peanut | | | Maimonides | Emergency |
| + 1/1/2008 | No Known | | | VNSNY | Nursing Home |

BHIX Brooklyn Health Information Exchange

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Brooklyn, NY 11429
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- Summary
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- Medications
- Problem list/Diagnosis
- Advance Directives**
- Notes & Scanned Images
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Health Care Proxy (2)

| Indicator Date | Facility/Data Source | Indicator Value |
|----------------|----------------------|-----------------|
| 8/16/2008 | Maimonides | Y |
| 8/16/2007 | VNSNY | N |

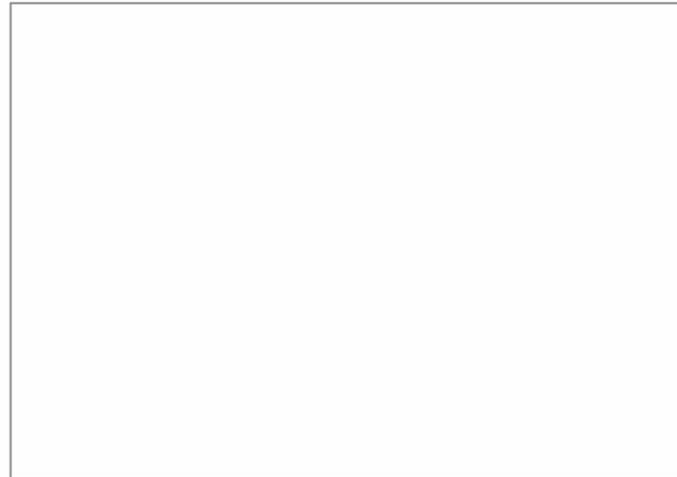
Living Will (2)

DNR (2)

DNI (3)

Non-Hospital DNR (4)

| Date | Agent's Name | Agent's Relation to Patient | Agent's Address | Agent's Phone | Agent's Email | Facility/Data Source |
|-----------|--------------|-----------------------------|------------------------------|------------------|-----------------|----------------------|
| 8/16/2008 | Peter Smith | Brother | 512 N. st, Seattle, WA 98140 | (206) 125 - 5728 | Peter@gmail.com | Maimonides |



HEAL 5 Projects - Overview

SHIN-NY Expansion: Category 1

- Additional Stakeholders
- Additional Data Elements (Labs, Radiology, Immunizations, etc.)
- Interoperable EHRs for Medicaid pilot
 - Hospital and nursing home
 - DOHMH eClinicalWorks
 - PCHIC CHITA collaboration
- Connecting New Yorkers and Clinicians
 - Personal Health Record – “PHR”
- ActiveHealth Management, Inc. - Clinical Decision Support
 - “CareConsiderations” (“CCs”)

Care Management Pilot Project: Category 2

- Use BHIX HEAL5 SHIN-NY Infrastructure
- Enroll 3000 HIV and/or Geriatrics patients
- Provide Special Needs PHR
- Intensive Comprehensive Care Management Pilot
 - Clinical decision support combined with clinical interventions
 - Custom care management plans for clinicians, patients and care management team
 - Analytic tools to guide treatment decisions, care coordination and disease management
 - Stratification care management services so that “high touch” care management is provided to patients with most complex medical needs
 - Advanced medical home for patients



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