

MONTEFIORE



A Practical Approach to RHIO Formation

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The Bronx

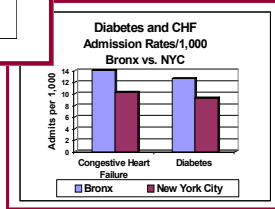
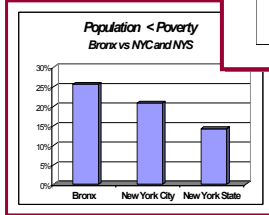
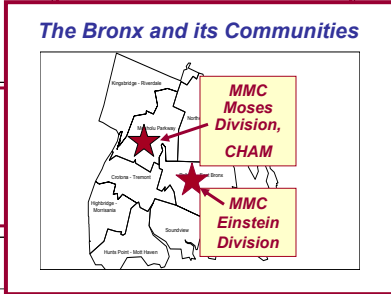
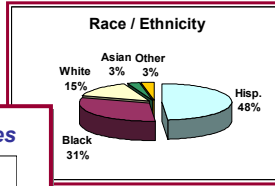
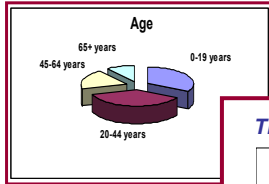
- 1.5 million residents
- 10th largest US city
 - Larger than: Philadelphia, Dallas, Detroit, SF, Baltimore, Washington DC, San Diego & Seattle
- Culturally rich and socially diverse
 - Botanical Gardens, Bronx Zoo, 3 golf courses
- Most health care is local
 - 85% of Bronx residents' hospital use is in Borough
- Adjacent to lower Westchester
 - 600K residents
- Montefiore – largest employer

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2

The Bronx

Young, Minority, Poor, Medically-Underserved



Bronx RHIO Members



Bronx RHIO Mission

To serve as a national model for clinical information sharing by:

- Providing information from across the Bronx to clinicians, at the point of care
- Tailoring the process for accessing this information in order to optimize work flow
- Coordinating IT activities to meet threats of bioterrorism and improve disease surveillance
- Achieving local interoperability

Advancement in e-Prescribing

- Increase functionality in entities with this capability
- Craft e-prescribing solutions, where now absent
- Partner with RxHub, SureScripts, commercial vendors, NYS Medicaid
- Goals:
 - Prevent medication errors
 - Avoid duplicate prescriptions
 - Lower cost to health care system
 - Increase satisfaction of physicians, pharmacies and patients

Structure and Governance

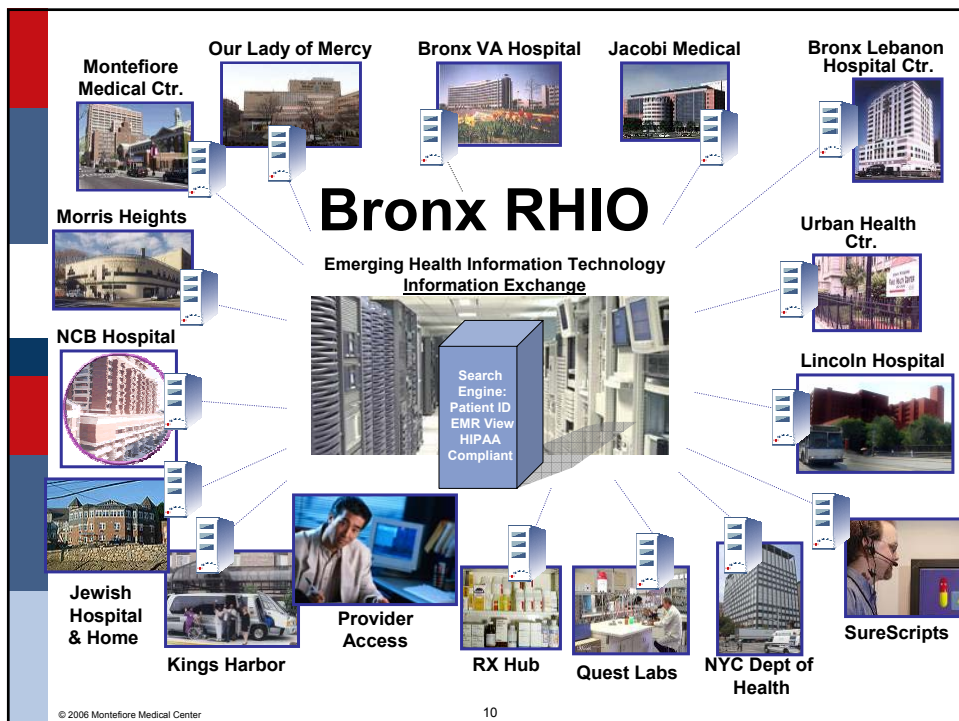
- Not for profit
- Membership organization
- Sponsored by Bronx-based Institutions
 - Provide 80% of the health services delivered in the borough
- Board of Directors formed with 12 founding members
 - One member, one vote
 - One board member from each founding partner (10)
 - Two “at-large” board members
 - NYC Dept. of Health & Mental Hygiene (DOHMH) and the Bronx VA
 - By-laws provide for four additional board members: NYS DOH, consumer, quality and health IT experts

RHIO Participant's Reach

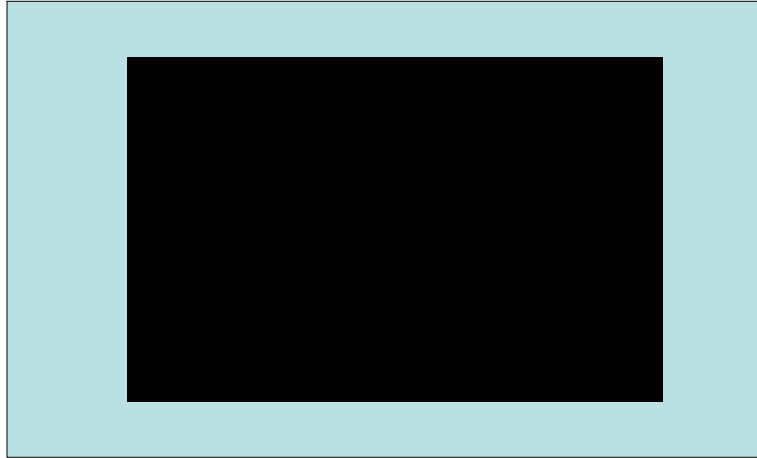
- Acute Care
 - Acute care beds..... 3,212
 - 83% of annual discharges 160,000
- Emergency Departments
 - Annual ED visits..... >600,000
- Ambulatory Care
 - Annual visits..... 4.5M
- Nursing Home Care
 - % of Bronx's NH beds..... 15%
 - Annual discharges..... 2753
- Physicians
 - Employed physicians..... >2400
Representing >50% of physicians practicing in the Bronx
 - Volunteers..... >250

Public Health Focus

- NYC DOHMH one of RHIO's founding members
 - “at large” Board Seat
- Public Health & Clinical are combined committees
 - PH to be Chaired by Asst DOH Commissioner for the Bronx
- Public health reporting a key goal
- Bio-surveillance system
- Public health database
 - Identify: emerging threats, disease trends, new disease outbreaks, emergence resistant organisms



Think Security Before You Act !!



Patient Identification

- National discussion/work in progress
- Initial design
 - Clinician/member org enters patient demographics to insure high probability of matching
 - Fuzzy logic search engine
- Long term
 - Unique Identifier
 - Health ATM Card
 - Smart Card
 - Advance Logic

*James Thompson
Age 44
Diabetes
Allergic to sulfa*

HIPAA Compliance

- Many issues to be addressed
- Patient confidentiality is critical. Quality of care improvement is the objective
- Committees established encompass legal, clinical and technical to find the best compliant solution
- Don't reinvent the wheel. Heard about Opt In vs. Opt Out approaches. Both present challenges and costs
- Audit capabilities are required for compliance
- Secure encrypted EDI for information sharing

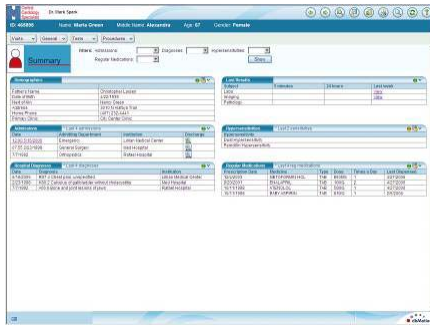
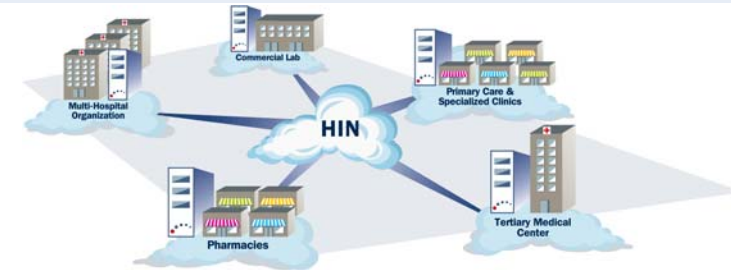
Privacy

Security

VPO Construction



VPO Construction



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15

The Last Word

- Providers must work through the issues related to establishing RHIO's
- Grant \$'s facilitate this effort
- Open communication and sharing of successes and failures is critical
- We must keep focus on our objectives:

***Enhance quality of care and
reduce cost for the best healthcare***

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16

Out Of Network Emergency Room Patients

- HIMSS + Happy Hour at Fusion
+ Golf Driving Range on the Pier

