Empowered Consumers, Personal Health Records and Emerging Technologies



NATIONAL CONFERENCE DECEMBER 7-8, 2006 WASHINGTON, D.C.

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2006

Research Remarks & Morning Keynote

David Lansky - Markle Foundation

Michael Perry - Lake Research Partners

Zoë Baird - Markle Foundation



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Public Opinion Toward Electronic Medical Records and Health Information

Michael Perry

Lake Research Partners



Survey Methods

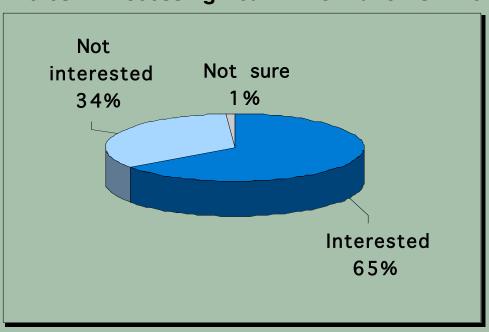
- National survey of Americans, RDD
- N=1,003 adults 18 and older
- Margin of sampling error: +/- 3.1 percentage points
- Conducted November 11 15, 2006

Current Mood Toward Health Care System

- Health care is a top domestic issue
- System on wrong track, health care crisis
- Anxiety about insurance, access, costs
- Feeling of "on your own"

Majority Interested in Accessing Information Online

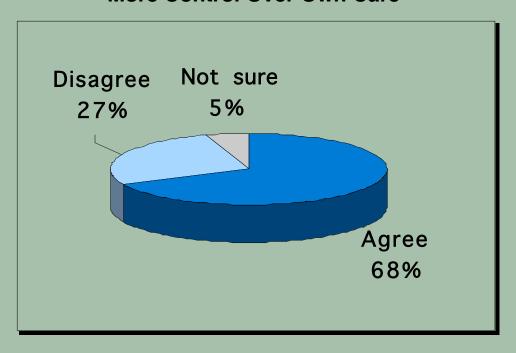
Interest in Accessing Health Information Online



- Majority of all subgroups express interest, even seniors (53%)
- Most interested include:
 - Under 40 (72%)
 - Daily Internet users (71%)
 - Parents (70%)

Public Sees Online Access as a Way to Gain More Control Over Care

Health Information Online Will Give People More Control Over Own Care



Most likely to agree:

- 18 to 29 year olds (81%)
- African Americans (79%)
- Parents (74%)
- Frequent users of health care system (74%)
- Daily Internet users (76%)

Ways to Manage Own Care With Secure Network

- Tracking symptoms or changes in health (90% say would be important personally)
- Tracking financial aspects of health care (80% interested)
- Tracking child's health records and services, like immunization dates (82% of parents interested)

Benefits Relating to Quality of Care and Cost

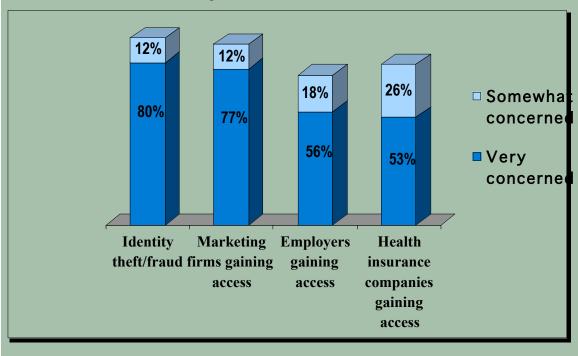
- Checking doctor's chart to make sure situation is understood (91% important)
- Checking medical records for mistakes (84% interested)
- Looking at test results (82% interested)
- Reducing unnecessary or repeated tests and procedures (88% important)

Willingness to Share Information, If Safeguards in Place and Have Some Control

- To detect disease outbreaks (73% willing)
- To improve quality of care (72%)
- To detect medical fraud (71%)
- To detect bio-terrorist attacks (58%)

Major Hurdle for Public is Protections

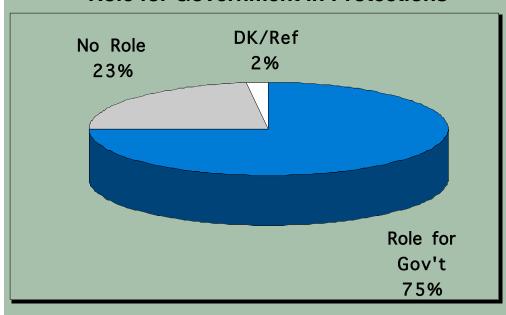
Privacy and Access Concerns



- Most are very concerned about identity theft/fraud, and marketers getting access
- Concern also for employers and health insurers getting access

Majority See a Role for Government in Establishing Protections

Role for Government in Protections



 Three-quarters see a role for government in establishing rules to protect the privacy and confidentiality of online health information

Summary

- Public interested in access
- Interest crosses all segments of the population
- Sees many benefits of being connected to electronic records and health information
- But they have a lot of concern about privacy and security, and see a role for government in establishing protections

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Morning Keynote

Zoë Baird Markle Foundation





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Accessing ALL of our health information across the network ...

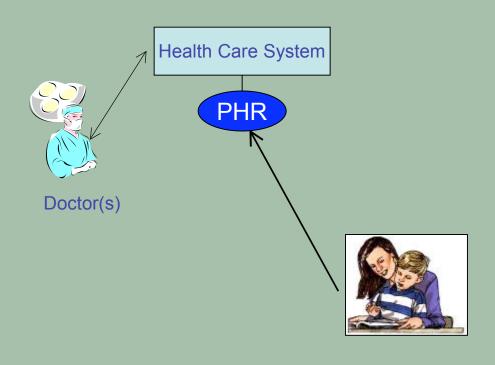
David Lansky, Ph.D. Markle Foundation

December 8, 2006

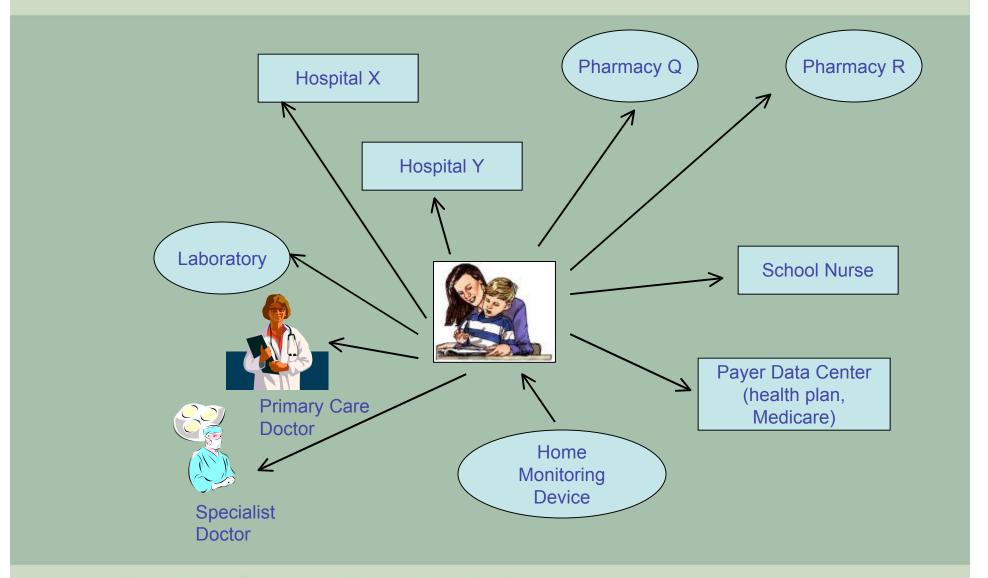




The simple case

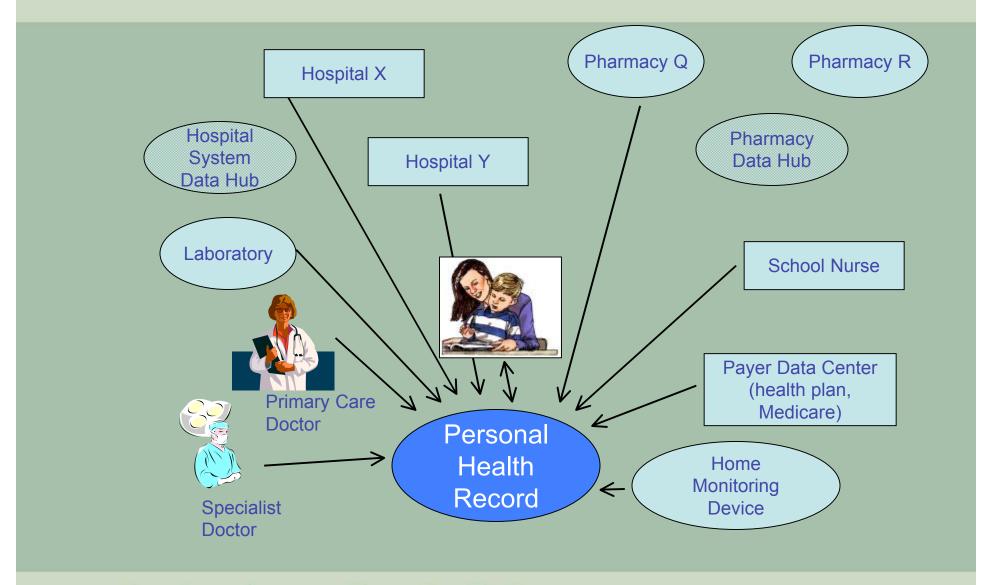


The reality...



Connecting Americans to Their Health Care 2006

The Networked PHR

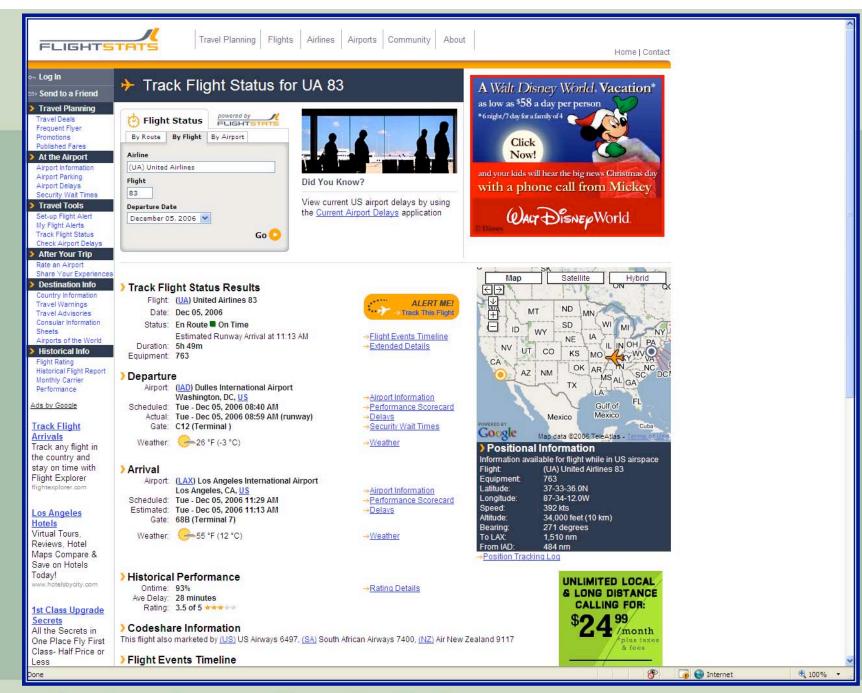


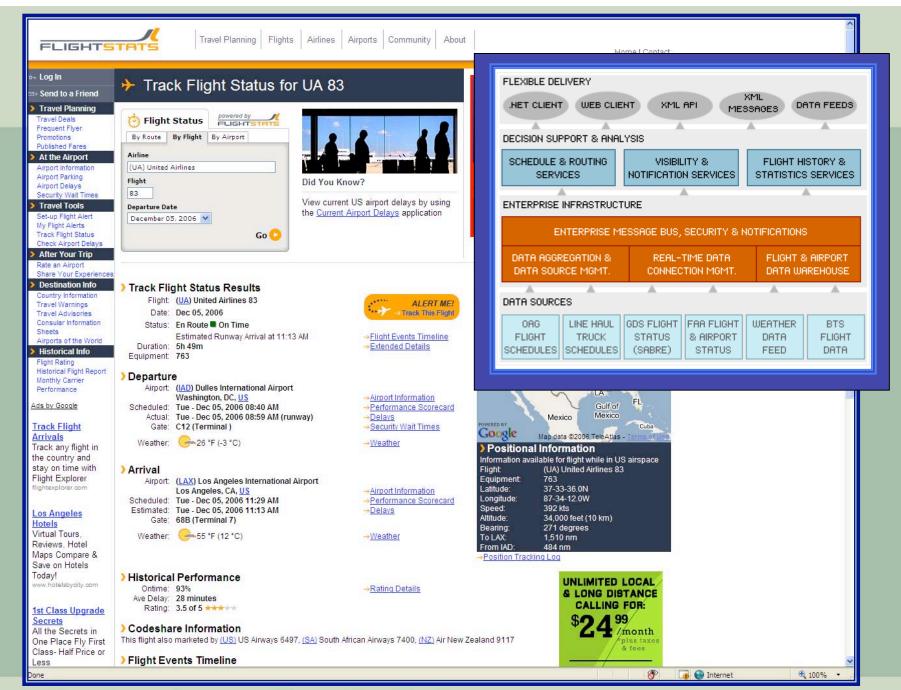
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The many sources of PHR – c. 2006

- 1. Providers and their portals
- 2. Employer-sponsored
- 3. Health plan-connected
- 4. Government agencies
- 5. Free-standing ("untethered")
- 6. Dot-coms, internet portals
- 7. Pharmacies and PBMs
- 8. Device manufacturers

Are we headed for integration ... or just more silos?





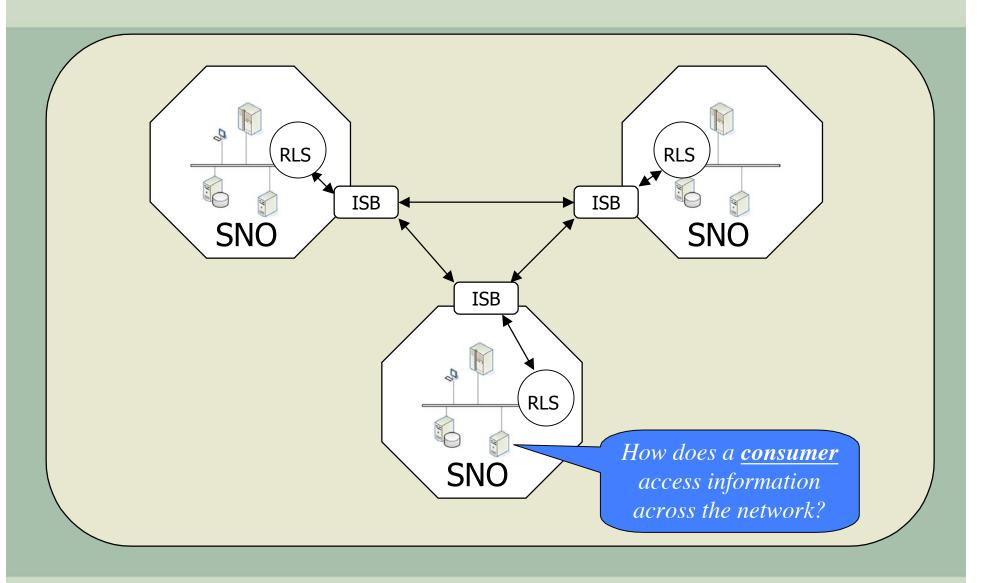
Features of a 'networked' approach

- "Networked" consumers drive transformative change in other sectors:
 - Content
 - E-commerce
 - Personal finance
 - Etc.
- A common ingredient is a fresh openness toward consumer access to, and contribution of, information
- Truly "networked" PHRs would stimulate innovation
- Consumers and health professionals gain opportunities to transform care delivery and roles

Creating a networked PHR environment that achieves

sustainable consumer confidence

Common Framework architecture



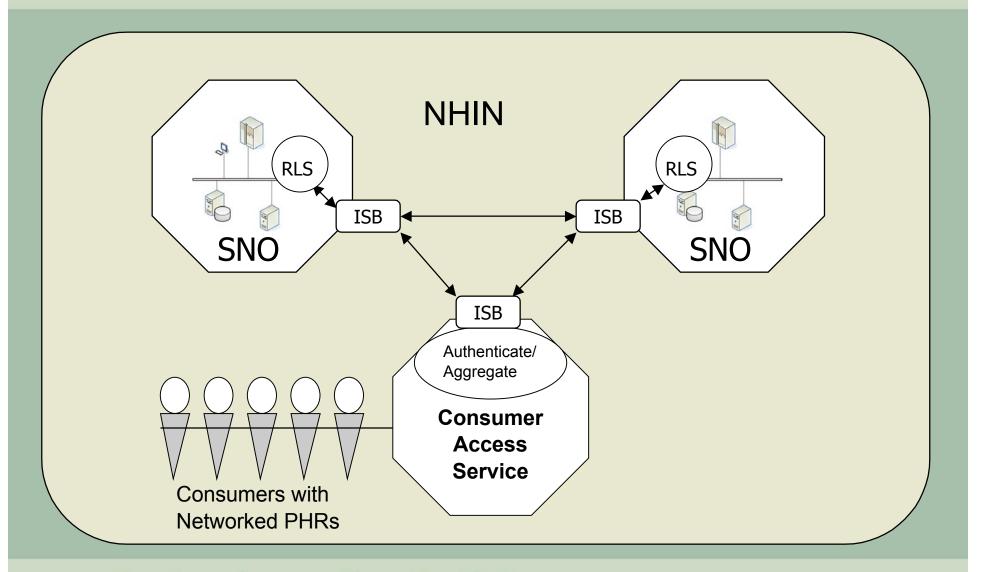
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Individual Consumers Will Need Mediating Bodies to Facilitate Their Access to the Network

Functions:

- Distribute services to populations of consumers
- Issue individuals' identity credentials and "vouch" for them as network users
- Help consumers connect with various sources to access and aggregate their personal health data
- Assure that network-wide policies (e.g., privacy and information practices) are followed

Consumer Access Services



Connecting Americans to Their Health Care 2006

Potential Sponsors of Consumer Access Services

- Provider organizations
- Affinity groups
- "Retail" PHR providers
- Employers
- Consumer portals
- Data clearinghouses
- Retail pharmacies or PBMs
- Health plans
- Financial institutions
- Consumer portals
- Others?

Keys to Success?

- Defining the <u>necessary common attributes</u> that cause a Consumer Access Service to be trusted by consumers
- Defining the <u>necessary common attributes</u> that cause a Consumer Access Service to be trusted by other participants on the network
- Privacy and security policies and practices will top the list of necessary common attributes

Needed policy framework for Consumer Access Services

- Does HIPAA address privacy and security concerns?
- Authentication
- Authorization
- Consent and notification
- Consumer control of information sharing
- Audit
- Rules for secondary use, data mining
- Consumer annotations and edits to their data
- Data management systems
- Governance, transparency, remedies

Road to a Networked PHR

- High public interest in PHR features and services coupled with concern about privacy
- Many significant offerings in the works, with risk of creating new information silos
- All will face common challenges accessing data across the "network":
 - Standards issues
 - Architecture issues
 - Policy issues
- A <u>common policy and technical framework</u> will be essential to achieved "networked" personal health record

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