

Preliminary Results of the Cleaveland County HIE Project

Friday, June 17th, 2011
Madrid III ~ 1:25pm – 2:10pm

Dewey Scheid, MD

Objectives

- None

Faculty Disclaimer

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Corporate Organizations

None

Financial Interests/Affiliations

The content of this/these material(s)/presentation(s) in this CME activity **will not** include discussion of unapproved or investigational uses of products or devices.

Using Health Information Technology to Improve Healthcare Quality in Primary Care Practices and in Transitions between Care Settings

Oklahoma Academy of Family Practice
Scientific Assembly
June 17, 2011

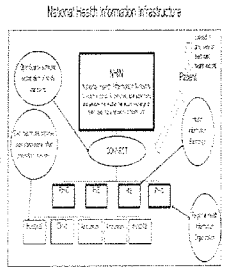
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Support: Agency for Healthcare Research and Quality (AHRQ)

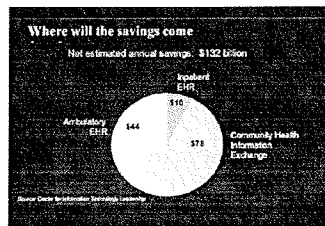
Nationwide Health Information Network

- To provide a secure, nationwide, interoperable health information infrastructure that will connect providers, consumers, and others involved in supporting health and healthcare.

- Improving the coordination of care information among hospitals, laboratories, physicians' offices, pharmacies, and other providers
- Ensuring appropriate information is available at the time and place of care
- Ensuring that consumers' health information is secure and confidential
- Giving consumers new capabilities for managing and controlling their personal health records as well as providing access to their health information from electronic health records (EHR) and other sources
- Reducing risks from medical errors and supporting the delivery of appropriate, evidence-based medical care
- Lowering healthcare costs resulting from inefficiencies, medical errors, and incomplete patient information

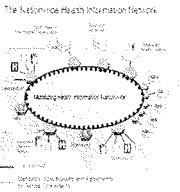


RAND Health 2005 Can HIT Lower Costs and Improve Quality?




Nationwide Health Information Network

- Initiative unveiled 2004
- Standards setting awards 2005-2007
- Trial implementations 2008
- ARRA 2009
 - HITECH \$19.2 billion
 - \$2 billion encourage use
 - \$17.2 billion meaningful use incentives
 - HHS/ONC
 - \$300 million to establish RHI exchanges
 - AHRQ/HHS/NIH
 - \$1.1 billion for comparative effectiveness

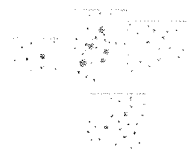


NHIN actually looks more like this



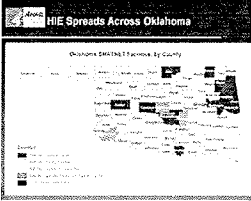
Health Information Exchanges (HIE)

- \$783 million
- Beacon Community Program
 - Community Services Council of Tulsa - \$12 million
- State Health Information Exchange Cooperative Agreement Program
 - OK - \$8,883,741



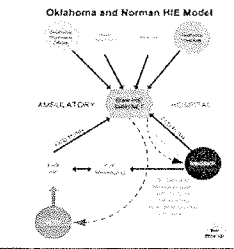
Regional Health Information Organizations (RHIOs)

- SMRTNET
 - Secure Medical Records Transfer Network
 - 2005 funding AHRQ
 - Cherokee County Health Services Council
 - Eprescribing



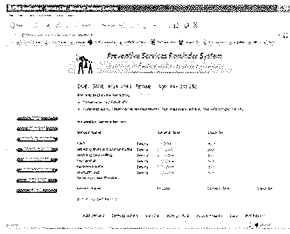
Norman Physician Hospital Organization HIE Hub

- NPHO was formed in 1994
- "One of 10 HIEs to watch" CMIO Magazine
- 75 providers are using eClinicalWorks
- eClinicalWorks™ Electronic Health eXchange
- Brian Yeaman, CMIO




Preventive Services Reminder System (PSRS)

- patient tracking
- prompts & reminders
- clinical decision support
- personalized care plans
- task management



Practice Workflow

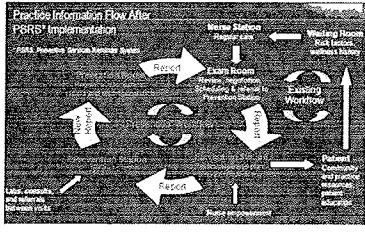


- Observed 87 activity types
- Physician, nurse, clerk
- 3,528 pre-implementation observed activities

Practice Workflow Activities

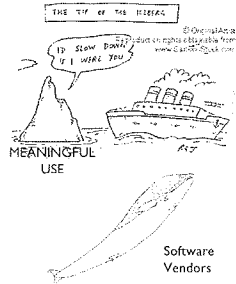
Activity	Percent
Computer	38
Paper	5.7
Exam	8.8
Personal	0.5
Talking	35.3
Walking	6.8
Waiting	0.9
Phone	2.4

Workflow Changes



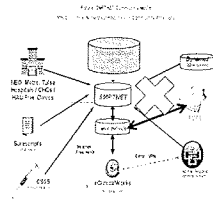
May you live in interesting times...

- ARRA/HITECH
- Meaningful use by 2011 eligible for incentive payments; failed to achieve that standard by 2015 may be penalized
- Final rule was released by the CMS and ONC July 28, 2010
- Three pillars:
 - Use of certified EHR technology in a meaningful manner
 - Electronic exchange of health information to improve quality of health care
 - Submit clinical quality measures.



SMRTNET Work Around

- Direct connection between PSRS and eHx
 - End user perspective
 - Generalizability
- PDSA cycles in May
 - Immunization delivery
 - Preventive services
 - Medication reconciliation
 - Laboratory testing



Questions?

The problem is that English is not used until the process is over, and I worry that it won't even be used then. How fast can someone put out "Meaningful Use for Dummies?"

- Dana Blankenhorn, ZDNet Healthcare