Health Information Exchange: An Introduction to Community HIE & CORHIO

Tom Northey, MSM, CORHIO Development & Outreach
CMGMA May 6th, 2011

Agenda

- Health Care Reform: Economic Drivers
- New Realities in Health Care
- About CORHIO
- HIE Defined, Functionality, Value Proposition
- HIE and ACOs/Payment Reform
- How Providers can connect
“Medicare spending is unsustainable and will bankrupt the United States. Immediate and dramatic controls on spending are required to have any chance of averting catastrophe.”

– The Center for American Progress, 2011

“[Unless something dramatic is done] Medicare and Medicaid will place an impossible burden on society, particularly on those currently under 35 years of age.”

– The Heritage Foundation, 2011

Unfunded Obligations

- Medicare $37.9 trillion
- Social Security $7.7 trillion
- Total National Debt $12.4 trillion
- Stimulus $862 billion
- National Defense $714 billion
- TARP $700 billion

Without reforms, within 12 years, future revenues will only cover Social Security, Medicare, Medicaid and interest on the debt assuming the baseline interest rate of 5.0%

SOURCE: Data from the Government Accountability Office. The Federal Government’s Long-Term Fiscal Outlook, January 2010, alternative simulation using Congressional Budget Office assumptions. Compiled by CIVP.
Financial Doom Cycle

Commercial insurance becomes less affordable for business and individuals

Increasing commercial insurance costs

Higher numbers of Medicaid and uninsured

Medicaid and uninsured payments fall further behind costs

New Realities in Health Care

New Payment Models

Quality

Cost

New Care Delivery Models

Patient Engagement

Technology & Interoperability
What patients are saying:

“Patient anxiety is rising. They want some measure of control, convenience and better communication with their doctor,” says Steve Malik, president and general manager of Intuit Health. “Doctors who offer secure online solutions can meet this patient demand while increasing office efficiency and enhancing the doctor-patient relationship.

Source: Intuit Health’s second annual Health Care Check-Up Survey

What patients are saying:

- 73% of Americans would use a secure online communication solution to make it easier to get lab results, request appointments, pay medical bills, and communicate with their doctor’s office.
- The convenience of anytime, anywhere access is so important that almost half would consider switching doctors for a practice that offered the ability to communicate and complete important health care tasks online.

Source: Intuit Health’s second annual Health Care Check-Up Survey.
“A call for change…”

- Nearly half experienced poorly coordinated care (47%), and more than half reported wasteful (54%) care. In addition, one in five reported they or a family member ended up with an infection or complication as a result of medical care, or said that a health care provider made a surgical or medical mistake.

- A large majority of respondents also want their doctors to use health IT: 88 percent thought it was important or very important for doctors to use EMRs, and 92 percent thought it was important or very important for doctors to be able to share information electronically with other doctors.


About CORHIO

Who We Are

- A nonprofit, public-private partnership
- The state-designated entity for health information exchange (HIE) in Colorado

Goals for 2015

- Health information exchange deployed in every community
- 85% of all providers are meaningful users of electronic health records (EHRs)

Vision

- Shared health information for all individuals in every Colorado community promoting the right care, at the right time and the right place.
HIE Progress in Colorado

March 2011

Early HIE Adopters
Under Agreement & Implementing with CORHIO
What is Meaningful Use?

Meaningful use is defined as:

- Use of a **certified EHR** in a meaningful manner (ex: e-prescribing)
- Use of certified EHR technology for **electronic exchange of health information**
- **Reporting** on clinical quality and other measures.

“Without effective IT systems, an ACO will be a non-starter. A patient-centered record, aggregated across the community, is essential to manage the population. ACOs will need a fully functional, electronic health record, as well as health information-exchange capabilities.”

Source: Bruce Henderson, national leader of PriceWaterhouseCoopers Electronic Health Record-Health Information Exchange Practice.
What is HIE?

Health information exchange (HIE) is the ability to **electronically** exchange patient health information including:

- **Lab results**
- **Pathology results**
- **Transcribed reports**
- **Radiology reports**
- **Orders**
  - Patient care summaries (CCD)
  - Meds, allergies, problem lists (CCD)
  - Referrals
  - Consult reports

...when it’s needed for patient care.

(all data shared safely & securely, meeting or exceeding HIPAA standards)

“The cost curve in health care is not sustainable. The patient-centered, accountable care model may be the tipping point for easing costs and improving population health.”

Source: Johnna Reed, VP cardiovascular services, Bon Secours St. Francis Health System, Greenville, S.C.
“A successful accountable care organization must have electronic health records and some degree of interoperability among its information systems (think HIE). For an ACO, you need that close collaborative information structure that involves the physicians, the hospital and the post-acute care continuum.”

Source: John Glaser, CEO of Siemens Health Services business unit.

How Does HIE Work?

The Clinician Perspective

BEFORE HIE

Paper & phone based with some limited electronic connections

WITH CORHIO HIE

One electronic connection to the HIE to access/share patient information across the state
A Roadmap for HIE

- Results Delivery (2011)
- CCDs & Orders Integration (2011)
- Public Health (CDPHE) (2012)
- Support Data Analytics (2012)
- Patient Engagement (2012/2013)

Why HIE?

HIE Will Help You & Patients Because It...

- Improves Patient Care
- Saves Time
- Reduces Costs
- Helps You Access Incentive $$
  (Likely part of Stage 2 Meaningful Use in 2013)
- Prepares You for Payment Reform
  (e.g., ACOs, Prometheus, Patient Centered Medical Home, Bundled Payments etc...)

© 2010 Colorado Regional Health Information Organization (CORHIO) - All Rights Reserved
CORHIO Proprietary - Not For Redistribution
Value Proposition for HIE participant:

- Gain & retain $____ (8k x # of phys) anticipated Meaningful Use incentives when HIE is required in 2013
  - Not meeting MU in 2016 could cost $______(?) between 2016-2017 (-1% of reimbursement rate [allowable])

- Enable data aggregation required for success of future Accountable Care Organization/ACO (payment reform)

- Improve patient care and patient safety @ point of care

- Cost effective method to expand reach to all affiliated and community based providers (eliminate point to point expense)
  - Integration of discrete/codified medications, allergies and problem lists with EHR

- Reduce cost of paper/fax/phone data exchange & existing clinical portal as comparable AND expanded functionality is available through the HIE (e.g., radiology images, referrals/consults, orders, structured CCDs, etc...)

Statistic:

- “The typical primary care physician has 229 other physicians working in 117 practices with which care must be coordinated, equivalent to an additional 99 physicians and 53 practices for every 100 Medicare beneficiaries managed by the primary care physician.”

Source: Annals of Medicine 2011
Practice Readiness Assessment

Assess Your Technology

If you have an EHR:

• Contact your vendor:
  • Ask about your system’s capabilities for interoperability & interface costs
    • Certified?
    • Committed to meet meaningful use?
    • What do interfaces cost?
    • How long does it take to schedule and develop the interfaces?

Don’t have an EHR?

• Consider purchasing an EHR:
  – Review CO-REC’s approved vendor list (on website)
  – Ask about interface costs and delivery time
  – Sign up for CO-REC if eligible!

• You can use CORHIO PatientCare 360’s web-based Inbox/Workflow tool to exchange data without an EHR

More questions to ask your vendor: available on www.CO-REC.org in the EHR vendor application

Helping Physician Offices Connect

CORHIO Provides the Following Services:

Connecting Your Office to the HIE
  • Building EHR interfaces to HIE
  • Implementing Patient Care 360
  • Implementing Community Health Record

Training & Workflow Optimization
  • Practice workflow assessment
  • 1-on-1, classroom & train-the-trainer options
  • Help Desk services ongoing

Facilitating Community Meetings
  • Promoting collaboration between providers
  • Collaborating with Colorado Springs community
  • Clinical Advisory

Building the Statewide HIE Network
  • Including: EMPI, safety/security protections, QHN connection, governing policies and procedures etc.
  • Ongoing maintenance, technology upgrades, etc.
For More Information:  
www.CORHIO.org

Thank you. Questions?

Tom Northey, MSM  
Development & Outreach Manager  
tnorthey@corhio.org  
info@corhio.org  
720-285-3248 tel