MOVING FORWARD AS THE TRANSFORMATION UNFOLDS: A NEW WAY OF LEARNING AND A NEW WAY OF LEADING

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Where is Pittsburgh?
Pittsburgh, Close and Personal

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Oct 2012
Pittsburgh, Close and Personal

The Point at Night

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About Pittsburgh

- Technology, Education and Medicine lead Pittsburgh economy into the future
- Pittsburgh is ranked 1\textsuperscript{st} in the Forbes top ten most livable cities.
The Effie Afton steamboat plowed into the first bridge across the Mississippi on May 6, 1856. Both the bridge and the boat burned.
HIM Professional = Bridge Builder
HIM is the Bridge that connects..

- New system-wide EHR $\iff$ Organization’s requirements for a legal health record
- EHR data $\iff$ Meaningful use and clinical practice improvement
- Physician practice management system $\iff$ EHR
- Organization’s privacy policies $\iff$ HIPPA compliance, security, and privacy safeguarding
- Computer assisted coding $\iff$ The need for improved revenue cycle management and use-case research
- Patients $\iff$ Personal health information
• Right Information
• Right Place
• Right Time
• Right Person
The U.S. Healthcare System

• 18% of its Gross Domestic Product (GDP) on health care with mediocre health outcomes. Other countries with better health care outcomes are spending below 12%.

• 750 billion dollars or 5% of our GDP is attributed to waste, fraud, duplication of services.

• 98,000 deaths annually are attributed to medical errors.
In Fact, Many Describe the American Health Care System as Being Neither Healthy, Caring, Nor a System.
The Institute of Medicine convened leaders from every sector that bears on health, formed “The Committee on the Learning Health Care System in America”
Best Care at Lower Cost: The Path to Continuously Learning Health Care in America

- Mark Smith, Robert Saunders, Leigh Stuckhardt, J. Michael McGinnis; Committee on the Learning Health Care System in America; Institute of Medicine

Prepublication Date: September 2012
Institute of Medicine (IOM) Committee on the Learning Health Care System (LHS) in America

- Describes key challenges faced by the health care system in the U.S. today.
  - Complexity of modern medicine
  - Rising cost of care
  - Limited return on Investment
Institute of Medicine (IOM) Committee on the Learning Health Care System (LHS) in America

- Outlines how to harness new technologies
  - EHR
  - PHR
  - Mobile Technologies
A Story of Today’s Challenges

• Dr. Ignaz Semmelweis
• Hungarian Physician
• 165 years ago
• A connection between hand washing and the spread of infection?
Learning Health Care System

- One in which progress in science, informatics, and care culture all align to generate new knowledge as an ongoing natural by-product of the care experience and seamlessly refine and deliver practices for continuous improvement in health and health care.
New Roles for HIM

• The vision that HIM professionals must work within and contribute to is one that creates a learning healthcare system where new knowledge will find its way very quickly into health care;

• Adopting innovations and discoveries in order to improve clinical practices and the healthcare system.
Information - A Key Foundational Element

Health Information & Data

Key Enabler

Continuous Learning

Adoption of Innovation Discoveries

Improving Clinical Practice

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Digital Health Information

- EHR
- PHR
- Mobile
- Telehealth
- Computation Power
- HIE
- Connectivity
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Enterprise Information Management (EIM)
Our Role is to Transform Enterprise-wide Data into Actionable Information for Improved...

- Patient care
- Lowering cost
- Improving clinical practices
- Achieving a continuous learning health care system that can adopt innovations rapidly into practices
Do we accept this responsibility?

- We are being called upon to:
  - Provide the skilled workforce
  - Develop the processes
  - Use the tools and technologies to deliver and effectively manage this Enterprise-Wide Information Mosaic
Fundamental Shifts in Health Information Management

- Document Centric ➔ Data Centric
- Episodic ➔ Continuum of Care
- Unstructured Data ➔ Structured Data
- One Custodian ➔ Several Custodians
- Provider Origination ➔ Patient & Provider
Fundamental Shifts in Health Information Management

- Institutionally Managed ➔ Patient Managed
- Departmental / Silos ➔ Enterprise-wide
- Historical Data / Trending ➔ Rapid Data Analytics and Data Use
- One Patient ➔ Innovation Adoption into Practice
New Roles and Titles: From Coder and Technologist to Strategist

- Director of Information Management Governance
- Director of Clinical Documentation
- Director of Quality Improvement
- Director of Fraud and Abuse
- Health Information Exchange Specialist
- EHR Implementation Manager
- Director of Data Analytics and Use Care Research

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New Roles and Titles: From Coder and Technologist to Strategist

- Director of Compliance
- Director of Revenue Cycle
- Director of Risk Management
- Director of Privacy and Security
- Chief Learning Officer
- Chief Knowledge Officer
Looking Forward...

- Recognition of HIM professionals as data & information governors
- HIM workforce with the credentials, knowledge, and skills to work in a fully electronic environment
- HIM professionals being recognized as leaders and innovators of value driven knowledge
- For each and everyone of us to do our part
“Knowing is not enough; we must apply
Willing is not enough; we must do”

- Johann Wolfgang von Goethe
1749 – 1832

German poet, writer, diplomat
THANK YOU

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