“Building Patient Safety”

Patient Safety

Healthcare Supply Chain Efficiency

- Automatic Data Capture (Bar Codes, Data Matrix, RFID)
- E-Commerce (EDI / XML Transactions)
- Assets & Equipment Tracking
- Traceability (e-Pedigree, Recalls)

Electronic Record Management (e-Records, e-Prescriptions)

Standardized Product Definition (GDSN™)

Standardized Location Identification (GLN)

Standardized Product Identification (GTIN™)

Standardization ➔ Interoperability
Electronic Health Records

Mary Beth Lang, R.Ph., MPM
Senior Vice President, Business Intelligence
President, Diagnostix
Health cost per resident, by country

- United States
- Sweden
- United Kingdom
- Germany
- Canada

U.S. Dollars (thousands)

- $0
- $1,000
- $2,000
- $3,000
- $4,000
- $5,000
- $6,000


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"HFMA believes that universal implementation of electronic health records will produce a profound societal return, both in improving the quality of health care in our country and in reducing healthcare costs,“

Richard L. Clarke, DHA, FHFMA
President and CEO
Top barriers to EHR acquisition and implementation:

Concerns regarding *information standards* and code sets, funding, physician usage, and interoperability.

62% of healthcare finance professionals surveyed by HFMA believe that lack of *national, consistent information standards* and code sets are a significant barrier.
How Often Is the Correct Treatment Given?

American health care “gets it right” 54.9% of the time.

American Recovery and Reinvestment Act – HR 1

- $19 billion for HIT
  - $17 billion for Medicare & Medicaid incentives
  - $2 billion of HIT grants through the Office of the National Coordinator (ONC)
- Estimated adoption rates in 10 years
  - Hospitals – 90%
  - Physicians – 70%
- Other HIT related funding
  - Comparative Effectiveness Research -$1.1 billion
  - Broadband expansion - $4.7 billion
$17.2 B to Physicians and Hospitals

In order to qualify for the incentive payments, both physicians and hospitals have to prove three things:

- 1. Use of a **certified** EHR product with **ePrescribing** capability that meets current HHS standards.
- 2. **Connectivity** to other providers to improve access to the full view of a patient’s health history.
- 3. Ability to **report** on their use of the technology to HHS.
Connecting the Community

Security and Access Control

Enterprise Master Patient Index

Patient Event Information
Patient Demographics, Social & Family, Clinical Information, Medication Details, Laboratory Results, Insurance Details

Source: Anderson, M.R. AC Group, Inc.
Connecting the Community

- Need for Health Information Exchange (HIE)
  - EHR at the individual sites powered through HIE
  - Current state initiatives not national
- New Players
  - MicroSoft Health Vault
  - Google Health Initiative
- Linking GS1 Standards to the Community
  - GLN, GTIN linked through GDSN
Opportunity to link GS1 system to EHR and HIE!