HEALTH INFORMATION TECHNOLOGY: Expanding the Horizons and Globalization Opportunities In Health Care, Education and Research

Puerto Rico Health & Insurance Conference 2011
Panel on Outlook on Health Expansion
February 2, 2011
HITECH: Catalyst for Transformation

Paper records
A system plagued by inefficiencies

HITECH Act
2009-10
EHR Incentive Program
62 Regional Extension Centers and State HIE Programs

EHRs & HIE
2014
Goal: Widespread adoption and meaningful use of EHRs
THE EVOLUTION OF HEALTHCARE IN 21ST CENTURY

EHR: Electronically Capturing & Processing Patient Information

CDS: Improved Care Decisions & Coordination

HIE: Exchanging Health Information
Patient-Centric Care Health Information Exchange
Federal HITECH Legislation: A Solutions-Based Strategy for Implementation

<table>
<thead>
<tr>
<th>CORE AREAS</th>
<th>INTERVENTION</th>
<th>FUNDS ALLOCATED</th>
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<tbody>
<tr>
<td>Financial Resources</td>
<td>Medicare &amp; Medicaid Incentives</td>
<td>$27 B</td>
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<td>Program for Meaningful Use</td>
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<tr>
<td>Technical Assistance</td>
<td>Regional Extension Centers</td>
<td>$643 M</td>
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<td>Human Resources</td>
<td>Workforce Training</td>
<td>$118 M</td>
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<td>Information Sharing</td>
<td>National Health Info. Network &amp; Standards of Certification</td>
<td>$64.3 M</td>
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<td>Exchange</td>
<td>Health Information Exchange</td>
<td>$564 M</td>
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<tr>
<td>Technology</td>
<td>Strategic Health Info. Technology</td>
<td>$60 M</td>
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<td>Advanced Research Projects</td>
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<td>Examples Break-Throughs</td>
<td>Beacon Communities Programs</td>
<td>$235 M</td>
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Source: Office of the National Coordinator, Dr. Blumenthal
Ponce School of Medicine HIT Initiative

- Consortium with Colegio de Medicos Cirujanos de Puerto Rico, Puerto Rico Primary Care Association, & Virgin Islands Medical Society, PR Hospital Association, University of Puerto Rico Medical Sciences Campus, Universidad Central del Caribe & San Juan Bautista Medical School
- Collaboration with ONC-funded HIE Plan for Puerto Rico, the proposed Puerto Rico Health Information Network (PRHIN), CMS, and the Department of Health, Medicaid Program
- Eighth largest REC out of 62 Centers throughout the United States
- Goal of reaching 4,038 out of 100,000 nationwide
- Working with ONC Certified EHRs (local, national, international)
## Our Services: Enabling Our Providers to Become Meaningful EHR Users

<table>
<thead>
<tr>
<th>Support for EHR Planning &amp; Implementation</th>
<th>EHR “Go-Live” Implementation Support</th>
<th>Attainment of Meaningful Use</th>
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<tbody>
<tr>
<td>• Assistance to providers in EHR Evaluation and Selection</td>
<td>• Practice Support at time of EHR Installation</td>
<td>• Monitoring of Progress towards meaningful use as measured by External Reports</td>
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<td>• Guidance on EHR/Vendor Selection and Group Purchasing Opportunities</td>
<td>• Technical and Staff Support in EHR Implementation and Adoption</td>
<td>• Practice-Specific Technical Assistance to support progress towards meaningful use</td>
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<td>• EHR Selection and Scheduling of “Go-Live” EHR Date</td>
<td>• Monitoring and reporting of provider’s use of e-prescription</td>
<td>• Assistance with certification and attainment of Meaningful Use</td>
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<tr>
<td>• Continuing Education Programs to support EHR adoption and Meaningful Use</td>
<td>• Assistance with utilization of quality reporting functionalities</td>
<td>• Ongoing monitoring of quality reports, and continuing compliance with meaningful use</td>
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<td>• On-Site Technical Assistance to prepare for EHR Implementation</td>
<td>• Coordination of Access and participation to Health Information Exchange (HIE)</td>
<td>• Ongoing Technical Support and Continuing Education Updates</td>
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<tr>
<td>• On-Site Assistance with Workflow and Practice Redesign</td>
<td>• Assistance in compliance with federal and state privacy and security requirements</td>
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the Entire EHR Implementation Process

1. **Plan**
   - Readiness assessment
   - EHR system selection

2. **Transition**
   - Practice workflow redesign
   - HIT education & training

3. **Implement**
   - EHR implementation
   - Partnering with state and local HIEs

4. **Operate & Maintain**
   - Achieving meaningful use
   - Prepare for future pay for performance
Puerto Rico’s Unique Position

- ACCREDITED SCHOOLS OF MEDICINE AND ALLIED HEALTH SCIENCES
- CLINICAL AREAS OF EXCELLENCE
- RESEARCH CENTER INFRASTRUCTURE
- CONTINUING MEDICAL EDUCATION/DISTANCE EDUCATION
- LOCAL COMPANIES WITH CERTIFIED PRODUCTS
- LEADERSHIP IN HEALTH INFORMATION TECHNOLOGY
- TRAINED BI-LINGUAL HUMAN RESOURCES
- ACCESSIBLE AND AFFORDABLE PROGRAM OFFERINGS
POTENTIAL PROGRAMS

- Mini-Residency Training Programs for Physicians and Health Professionals
- Continuing Education Programs for Physicians and other Health Professionals
- Distance Learning/E-Education Certificate and Degree Programs
- Clinical Research on Prevalent Diseases in Latino/Minority Health
- Development and Management of Disease and Population Health Registries
- Health Information Technology Training and Technical Assistance
- Design and Management of Regional Health Information Exchange Organizations
Implications for Puerto Rico and Beyond

- Creation of Centers of Excellence in area of Health Information Technology and Health Information Exchange
- Workforce Development for New Careers in Health Informatics
- Design and Evaluation of Models of Care to address priority health care problems affecting Latino populations
- Development of Training Capabilities to serve Latino Professionals in the U.S. and in Latin American and Caribbean countries
- Tele-Medicine Applications to support Regional Healthcare Systems
Thank You!

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