



# Ponce School of Medicine & Health Sciences

## **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



**Today**

A system plagued by inefficiencies

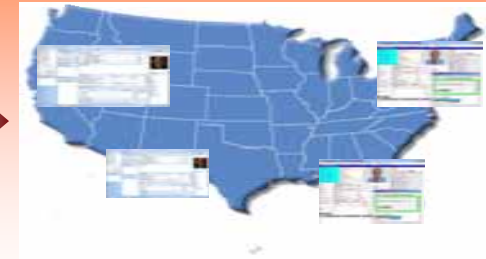
## HITECH Act



**2009-10**

EHR Incentive Program  
62 Regional Extension  
Centers and State HIE  
Programs

## EHRs & HIE



**2014**

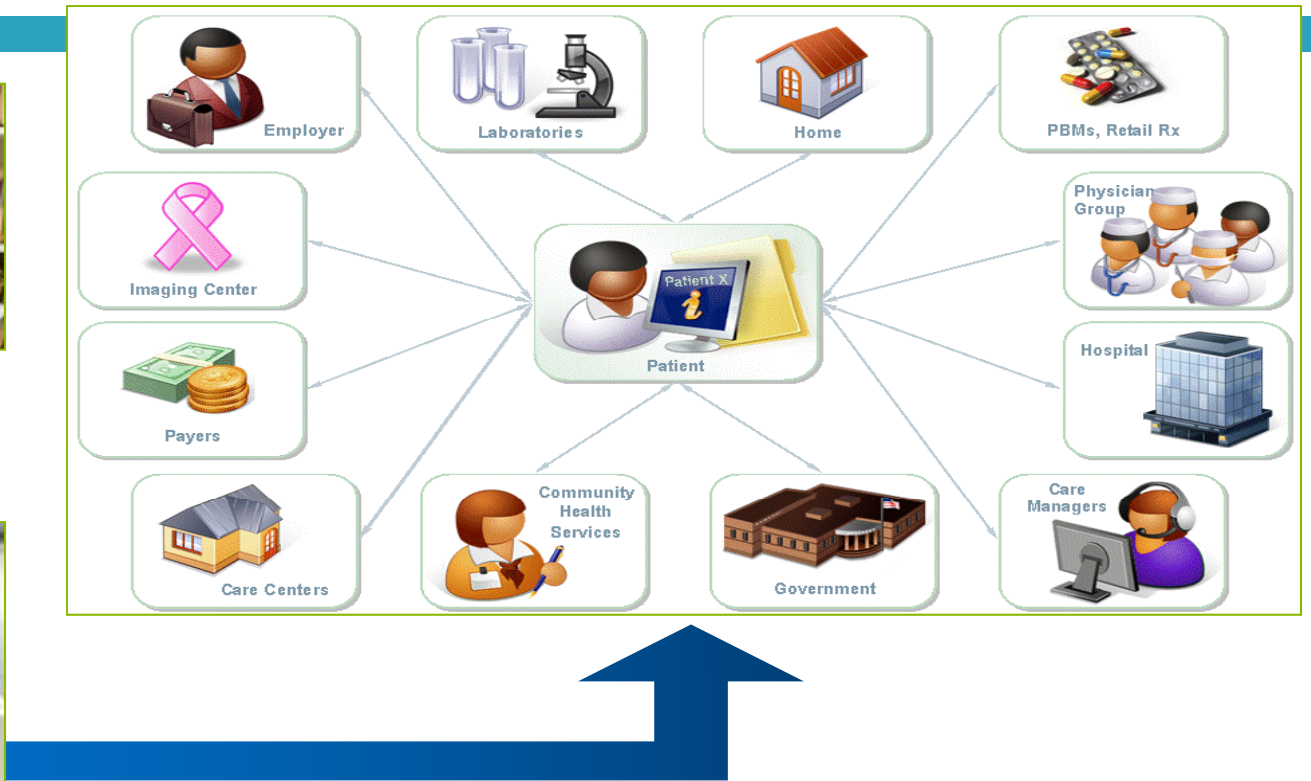
Goal: Widespread  
adoption and  
meaningful use of EHRs

# THE EVOLUTION OF HEALTHCARE IN 21<sup>ST</sup> CENTURY

3










# Patient-Centric Care Health Information Exchange





## Federal HITECH Legislation: A Solutions- Based Strategy for Implementation

CORE AREAS	INTERVENTION	FUNDS ALLOCATED
Financial Resources 	Medicare & Medicaid Incentives Program for Meaningful Use	\$ 27 B
Technical Assistance 	Regional Extension Centers	\$643 M
Human Resources 	Workforce Training	\$118 M
Information Sharing 	National Health Info. Network & Standards of Certification	\$64.3 M
Exchange 	Health Information Exchange	\$564 M
Technology 	Strategic Health Info. Technology Advanced Research Projects	\$60 M
Examples Break-Throughs 	Beacon Communities Programs	\$235 M

Source: Office of the National Coordinator, Dr. Blumenthal



## Ponce School of Medicine HIT Initiative

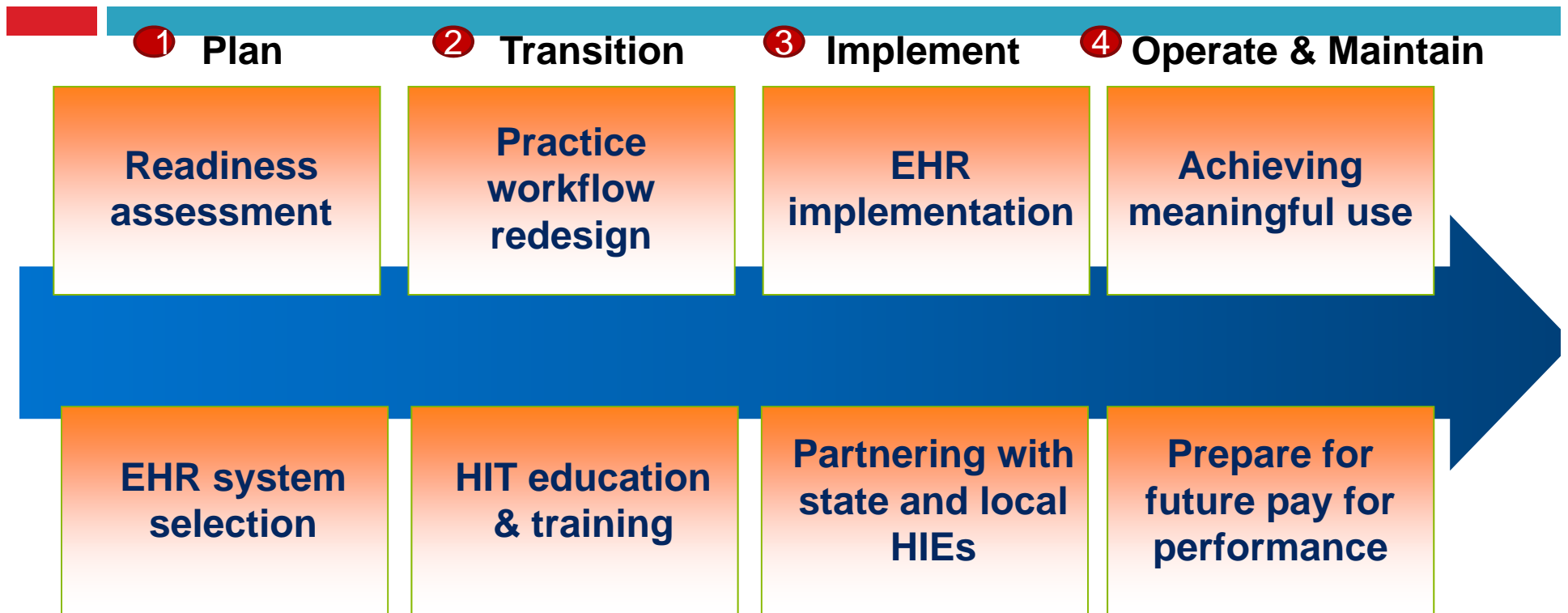
- Consortium with Colegio de Medicos Cirujanos de Puerto Rico, Puerto Rico Primary Care Association, & Virgin Islands Medical Society, PR Hospital Association, University of Puerto Rico Medical Sciences Campus, Universidad Central del Caribe & San Juan Bautista Medical School
- Collaboration with ONC-funded 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

Support for EHR Planning & Implementation	EHR “Go-Live” Implementation Support	Attainment of Meaningful Use
<ul style="list-style-type: none"> <li>• Assistance to providers in EHR Evaluation and Selection</li> <li>• Guidance on EHR/Vendor Selection and Group Purchasing Opportunities</li> <li>• EHR Selection and Scheduling of “Go-Live” EHR Date</li> <li>• Continuing Education Programs to support EHR adoption and Meaningful Use</li> <li>• On-Site Technical Assistance to prepare for EHR Implementation</li> <li>• On-Site Assistance with Workflow and Practice Redesign</li> </ul>	<ul style="list-style-type: none"> <li>• Practice Support at time of EHR Installation</li> <li>• Technical and Staff Support in EHR Implementation and Adoption</li> <li>• Monitoring and reporting of provider’s use of e-prescription</li> <li>• Assistance with utilization of quality reporting functionalities</li> <li>• Coordination of Access and participation to Health Information Exchange (HIE)</li> <li>• Assistance in compliance with federal and state privacy and security requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Monitoring of Progress towards meaningful use as measured by External Reports</li> <li>• Practice-Specific Technical Assistance to support progress towards meaningful use</li> <li>• Assistance with certification and attainment of Meaningful Use</li> <li>• Ongoing monitoring of quality reports, and continuing compliance with meaningful use</li> <li>• Ongoing Technical Support and Continuing Education Updates</li> </ul>

# the Entire EHR Implementation Process





# 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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