



Maryland Healthcare-Associated Infections Prevention Plan

Presentation to the Maryland Health Quality and Cost Council

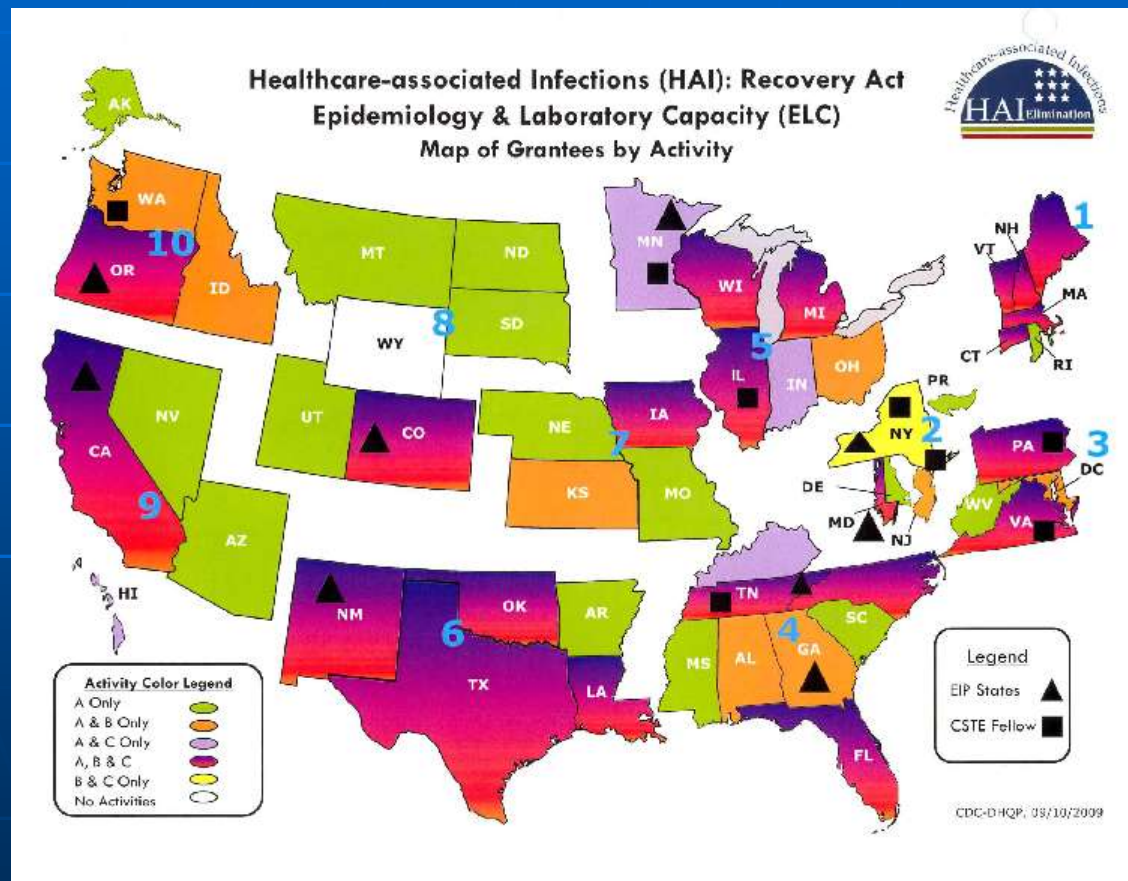
Pamela W. Barclay
Director, Center for Hospital Services
Maryland Health Care Commission

December 18, 2009



Reducing Healthcare-associated Infections in Maryland

Epidemiology and Laboratory Capacity for Infectious Diseases



Grant Proposal Filed in June 2009 by

- Maryland Health Quality and Cost Council
- DHMH Infectious Disease and Environmental Health Administration
- Maryland Health Care Commission

• CDC Awards Maryland \$1.2 million for 28-month project (August 2009-December 2011)

• Funds Awarded Support Work in Three Areas

- Activity A: Coordination and Reporting of State HAI Prevention Efforts
- Activity B: Detection and Reporting of HAI Data
- Activity C: Establishing a Prevention Collaborative

Activity A: Coordination and Reporting of State HAI Prevention Efforts

- Develop and Submit the State HAI Prevention Plan no later than **January 1, 2010**
- State plans will:
 - Be consistent with the HHS Action Plan
 - Contain measurable 5-year goals and interim milestones for preventing HAIs
 - Be reviewed by the Secretary of HHS with a summary report submitted to Congress by **June 1, 2010**
- States receiving Preventive Health and Health Services (PHHS) Block Grant funds required to certify that they will submit a plan to the Secretary of HHS not later than January 1, 2010 (under FY 2009 Omnibus Bill)



HHS Action Plan to Prevent Healthcare-Associated Infections (June 2009)

Department of Health and Human Services

ACTION PLAN TO PREVENT HEALTHCARE-ASSOCIATED INFECTIONS

Agency for Healthcare Research and Quality

Office of the Assistant Secretary for Public Affairs

Office of the Assistant Secretary for Planning and Evaluation

Centers for Disease Control and Prevention

Centers for Medicare & Medicaid Services

Food and Drug Administration

National Institutes of Health

Office of the National Coordinator for Health Information Technology

Office of Public Health and Science

Tier One Priorities*

HAI Priority Areas

- Catheter-Associated Urinary Tract Infection
- Central Line-Associated Blood Stream Infection
- Surgical Site Infection
- Ventilator-Associated Pneumonia
- MRSA
- *Clostridium difficile*

Implementation Focus

- Hospitals

*Tier Two will address other types of healthcare facilities



Maryland HAI Prevention Plan



- Developed by the HAI Advisory Committee (Meetings on December 1st and 10th)
- Uses the CDC framework to ensure progress towards five-year national prevention targets as described in the HHS Action Plan in the following areas:
 - Infrastructure Planning for HAI Surveillance, Prevention , and Control
 - Planning for HAI Surveillance, Detection, Reporting, and Response
 - Planning for HAI Prevention Activities
 - HAI Communication and Evaluation Planning

Infrastructure Planning for HAI Surveillance, Prevention, and Control

Healthcare-Associated Infections (HAI) Advisory Committee

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Healthcare Quality and Patient Safety
Delmarva Foundation for Medical Care

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Office of Infectious Disease Epidemiology and
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Department of Health and Mental Hygiene

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MD Association of Ambulatory Surgery Centers
c/o Dulaney Eye Institute

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University of Maryland School of Law

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Executive Director, Quality and Patient Safety
Adventist HealthCare, Inc.

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PH Informaticist / HAN Coordinator,
Information Resources Management Administration
Department of Health and Mental Hygiene

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Division of Infectious Diseases
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Associate Hospital Epidemiologist, Johns Hopkins
Medical Institutions

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Maryland Patient Safety Center

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Medical Director, Infection Control, University of
Maryland Medical Center
Associate Professor, Department of Epidemiology
and Preventive Medicine, University of Maryland
School of Medicine

Carol B. Payne, Consumer Representative
Baltimore Office, HUD

Renee Webster, Assistant Director,
Hospitals, Laboratories, and Patient Safety
Office of Health Care Quality
Department of Health and Mental Hygiene

- Expand Role of Existing HAI Advisory Committee
- Recruit HAI Prevention Coordinator
- Integrate Laboratory Activities
- Establish Subcommittee Structure to Guide Plan Development and Implementation



Healthcare-Associated Infections Advisory Committee: Organizational Chart

Healthcare-Associated Infections Advisory Committee

- Develop Maryland HAI Prevention Plan

HAI Process and Outcome Measures Subcommittee

- Recommend HAI process and outcome measures
- Develop proposed Maryland prevention targets
- Recommend strategies for validating HAI process and outcome measures
- Recommend the format and frequency for HAI public reporting on process and outcome measures

Infection Prevention Subcommittee

- Recommend uniform, statewide approach for measuring hand hygiene
- Develop HAI Prevention Collaboratives, including the Maryland Hospital Hand Hygiene Collaborative and the Multi-Drug Resistant Organism (MDRO)-*Acinetobacter* Prevention Collaborative
- Develop an inventory of State-level infection prevention and control programs; and, recommend strategies to increase impact where appropriate
- Recommend key strategies for infection prevention and control

IP Training and Work Force Development Subcommittee

- Identify training needs to support planned Maryland HAI data collection and reporting initiatives
- Study the capacity of the current Maryland IP workforce to meet future needs
- Study approaches to increasing IP capacity, including development of career ladders
- Develop best practices for training and certification for health care professionals in HAI prevention

Electronic Laboratory Data Reporting Subcommittee

- Assess current capability of health care providers to transition to an electronic laboratory data reporting environment
- Facilitate electronic transmission of HAI data from clinical laboratories to public health agencies
- Facilitate implementation of electronic laboratory-based data reporting that adheres to Health Level 7 (HL7) standards and existing national surveillance systems (NEDSS and NHSN)

Planning for HAI Surveillance, Detection, Reporting, and Response

- Identify HAI Prevention Targets
- Adopt National Standards to Track HAIs
 - NHSN (Maintain CLABSI/Add SSI/MDRO)
 - Maryland Data Sets (HCW Influenza Vaccination Rates; AST for MRSA in ICUs)
 - Surgical Care Improvement Project Process of Care Measures
- Develop State Surveillance Training Competencies
 - Statewide Training Seminars on NHSN Modules
- Validate HAI Surveillance Data
- Develop Tailored Data Analysis Reports



Planning for HAI Prevention Activities



Save the Date

Launch of:
Maryland Hospital Hand Hygiene Collaborative

November 3, 2009

The Gathering Place
6120 Daylong Lane
Clarksville, MD
21029

Registration
Begins
at 8:00am
Meeting Ends
at 4:00pm

For additional information please
contact Erin Carrillo 410-872-9699 or
carrilloe@dfmc.org

The poster features two circular images: the top one shows hands being washed with soap and water, and the bottom one shows hands being rubbed with a yellow sponge. The text is arranged in a clean, professional layout with a mix of serif and sans-serif fonts.

- Prevention Collaboratives
 - Maryland Hospital Hand Hygiene Collaborative
 - Multi-Drug Resistant Organism (MDRO) – *Acinetobacter* Collaborative
- Identify On-Going Funding to Support Key Collaborative Activities
- Develop State HAI Training Competencies
- Implement HICPAC Recommendations
 - CLABSI
 - SSI
 - MDRO



HAI Communication and Evaluation Planning



- Provide Consumers with Access to Useful Health Care Quality Measures
 - Maryland Hospital Performance Evaluation Guide
- Need Assessment and Evaluation Planning
- Work with Stakeholders to Seek Funding to Implement Priority Patient Safety Initiatives and Research Aimed at Preventing HAIs





Healthcare-
Associated
Infections

Questions ?



MARYLAND
HEALTH CARE
COMMISSION

