



Report and Recommendations from the HAI Advisory Committee and the Hand Hygiene and Infection Prevention Subcommittee

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

Hand Hygiene Initiative



Report and Recommendations on
Implementation of a
Statewide Hospital Hand Hygiene Campaign

Prepared by the
Healthcare-Associated Infections
Advisory Committee
and its
Hand Hygiene and Infection Prevention
Subcommittee
August 31, 2009

Mary Ellen, M.D.
Chair
Mary Colmers, M.D.
Executive Director



- Evidence-Based Medicine Work Group Recommendation calling for implementation of Statewide Hospital Hand Hygiene Campaign adopted at June 10, 2009 Council meeting
- Letter from Secretary Colmers requesting advice and recommendations from the HAI Advisory Committee on Statewide Hospital Hand Hygiene Initiative
 - Guiding Principles
 - Methodology
 - Data Collection

2

Healthcare-Associated Infections Advisory Committee Members

Chair Mary Ellen, M.D. Executive Director, Maryland Health Care Commission	Chair Mary Ellen, M.D. Executive Director, Maryland Health Care Commission
Members Cynthia Adams, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Lynne A. Brown, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital
Members Catherine DeGuzman, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Colmers, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission
Members Michael J. Finkelstein, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Ellen, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission
Members William H. Gendron, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Ellen, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission
Members John H. Haughey, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Ellen, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission
Members Richard L. Johnson, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Ellen, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission
Members Robert L. Johnson, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Ellen, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission
Members Robert L. Johnson, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Ellen, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission
Members Robert L. Johnson, M.D., M.P.H., M.C.E. Chief, Infection Control, Johns Hopkins Hospital	Members Mary Ellen, M.D., M.P.H., M.C.E. Executive Director, Maryland Health Care Commission

Development of the Maryland Hospital Hand Hygiene Collaborative


June 2009
*Hand Hygiene and Infection Prevention Subcommittee Established

August 2009
*Survey of Maryland Hospital Hand Hygiene Monitoring

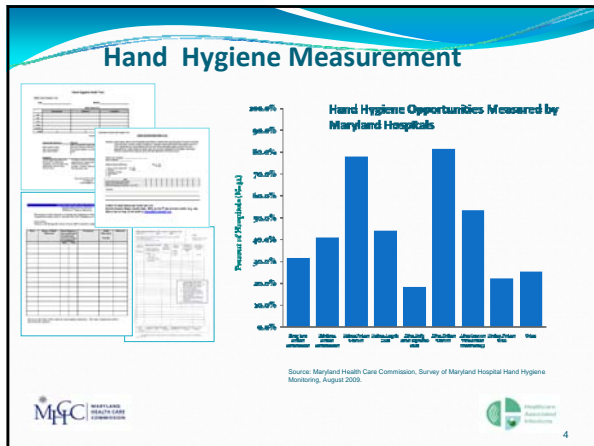
*Subcommittee Report and Recommendations adopted at the August 2009 HAI Advisory Committee meeting

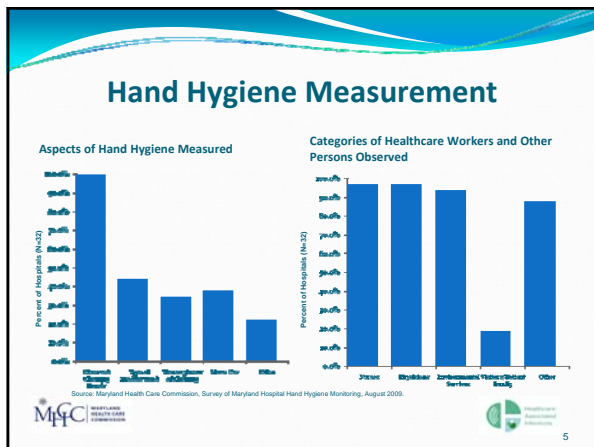
September–October 2009
*HAI Advisory Report and Recommendations adopted at September 10th meeting of the Maryland Health Quality and Cost Council

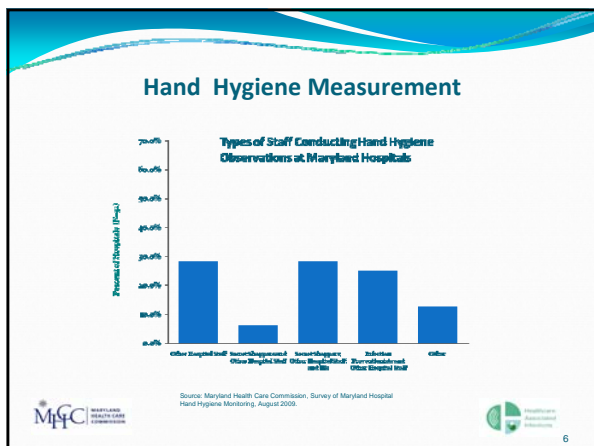
*Implementation Plan Developed by Maryland Patient Safety Center in partnership with the Maryland Hospital Association and Delmarva Foundation for Medical Care




3









Principles to Guide the Development of a Hospital Hand Hygiene Campaign in Maryland



- A statewide Hand Hygiene Campaign should be of **value to participating hospitals** in promoting infection prevention and control, be part of a **larger public health initiative to promote and spread community awareness about the benefits of hand hygiene**; and, **inform State health policy efforts** designed to improve quality and reduce the burden of illness.
- A statewide Hand Hygiene Campaign should **complement and strengthen the on-going work of all Maryland hospitals** to promote adherence to hand hygiene guidelines. **All Maryland hospitals should participate in the statewide hand hygiene campaign.**
- A statewide Hand Hygiene Campaign should adopt a **uniform approach for measuring and reporting hand hygiene compliance** that can be rapidly implemented, and provide performance measure benchmarks to participating hospitals that can drive improvement.
- The development of a statewide Hand Hygiene Campaign should include: support for **training**; provisions for **enhancing the infrastructure** required to report and analyze hand hygiene data; and, an **evaluation of the impact of the campaign** and recommendations for **sustaining an on-going program**, including an assessment of the role of public reporting in promoting and maintaining adherence to hand hygiene guidelines.

7

Public Education



- **Recommendation 1.** In conjunction with the statewide hospital Hand Hygiene Campaign, the Maryland Council on Health Quality and Cost, and the Commission's Healthcare-Associated Infections Advisory Committee should **develop a public awareness campaign to emphasize the importance of hand hygiene in preventing HAIs, including influenza.**

8

Measurement of Hand Hygiene Compliance

- **Recommendation 2.** The Healthcare-Associated Infections Advisory Committee recommends that **hospital hand hygiene programs be supervised by Infection Preventionists.**
- **Recommendation 3.** The Healthcare-Associated Infections Advisory Committee recommends that hospital programs **measuring adherence to hand hygiene protocols be required to use trained non-Infection Preventionist staff to conduct observations.**
- **Recommendation 4.** The Healthcare-Associated Infections Advisory Committee recommends that hospital programs measuring adherence to hand hygiene protocols be required to use trained observers to perform data collection. A **formal, statewide program should be developed to train observers to ensure the collection of consistent and reliable data on hand hygiene adherence.**

9

Measurement of Hand Hygiene Compliance

- **Recommendation 5.** The Healthcare-Associated Infections Advisory Committee recommends that hospital programs be required initially, **at a minimum, to collect data on adherence to hand hygiene protocols:**

after touching a patient or touching a patient's surroundings;

by major discipline of health care worker, including nurses, physicians, environmental services, food services, and ancillary support staff who enter patient environments; and,

for inpatient and intensive care units and the emergency department.

There should be a **minimum of 30 observations per month for each unit.**

Data Collection and Implementation

- **Recommendation 6.** The Healthcare-Associated Infections Advisory Committee and its Hand Hygiene and Prevention Subcommittee should **work with the Maryland Patient Safety Center (MPSC) to implement a statewide Hand Hygiene Campaign.** The MPSC:

should **identify a limited number (e.g., 2-3) of existing tools that could be used to support a statewide hand hygiene campaign;**

develop a common approach to calculate adherence rates that provides comparable data across hospitals;

define the minimum number of inpatient units to be reported by each hospital; and,

develop a training program to support the collection of valid hand hygiene compliance data.
