2016 Hypertension and Oral Health Conference

December 9, 2016

Kristi Pier, MHS, MCHES Director, Center for Chronic Disease Prevention and Control Maryland Department of Health and Mental Hygiene Prevention and Health Promotion Administration

MARYLAND HEALTH AND MENTAL HYGIENE

Welcome

Conference Objectives

- Understand hypertension and risk;
- Understand hypertension guidelines;
- Understand the link between oral disease and hypertension, as well as current collaboration;
- Identify I-2 strategies to incorporate hypertension screening into their practice;
- Understand the role and importance of being a part of the health care team;
- Create I-2 system changes to assure feed-back loop with primary care providers in the identification of hypertension.

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Mission and Vision

Mission

- The mission of the Prevention and Health Promotion Administration is to
 protect, promote and improve the health and well-being of all Marylanders
 and their families through provision of public health leadership and
 through community-based public health efforts in partnership with local
 health departments, providers, community based organizations, and public
 and private sector agencies, giving special attention to at-risk and
 vulnerable populations.
- **Vision**
- The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and wellbeing.

The Importance of Oral Health within Chronic Disease

- Periodontal Disease and Health Disease share several common risk factors, including smoking, age, and diabetes (Retrieved from http://circ.ahajournals.org/content/125/20/2520).
- The U.S. Surgeon General and Institute of Medicine have promoted integration of Oral Health into general health and the medical health care system.

MARYLAND HEALTH AND MENTAL HYGIENE

The Importance of Oral Health within Chronic Disease

- A majority of adults in Maryland reported visiting a dentist in the past year.
- Half of Maryland residents who have not seen a doctor in the past year have seen a dentist.
- Hypertension is a major risk of heart disease, which is the lead cause of death in Maryland.

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Oral Health and Chronic Disease Collaboration

- State and Local Public Health Actions to Prevent Obesity, Diabetes, and Heart Disease and Stroke (1422) Grant (2015-Present)
 - > Prediabetes and Oral Health Conference (June 2015)
 - Hypertension and Oral Health Conference (December 2016)
- Models of Collaboration for State Chronic Disease and Oral Health Programs (1609) Grant (August 2016)

State and Local Public Health (1422)

- Maryland is one of twenty-one (21) state and large city health departments awarded the 1422 grant.
- Work is done in nine counties throughout the State of Maryland:
- Work performed within the grant includes:
 - I. Health systems interventions
 - 2. Community clinical linkages
- Ten (10) Dental Clinics Identified.

MARYLAND HEALTH AND MENTAL HYGIENE

Models of Collaboration (1609)

- Maryland was one of 6 states to receive funding from the CDC to strengthen Chronic Disease and Oral Health Collaborations through the 1609 grant. The funding for this grant is two (2) years with the following intent:
 - Facilitate the integration of oral health and chronic disease program activities;
 - 2. Partnership between Center for Chronic Disease Prevention and Control (CCDPC) and the Office of Oral Health (OOH);
 - 3. Build on existing infrastructure.

MARYLAND HEALTH AND MENTAL HYGIENE

Models of Collaboration (1609)

Long Term Outcomes

- Oral health/chronic disease program integration at DHMH;
- Increased proportion of adult smokers making quit attempts;
- Improved prevention and control of hypertension;
- Reduced prevalence of heart disease;
- Sustained integration of oral health in chronic disease prevention and control;
- Sustained collaboration between OOH and CCDPC;
- Improved quality and lowered risk of complications in the provisions of dental care.

Models of Collaboration (1609)

Maryland's Approach

Building off of work performed through the 1422 grant, the 1609 grant will establish intradepartmental infrastructure and collaborate to:

- Release a Request for Proposals (RFP) to local health departments titled Identifying Hypertension in Oral Health Practices;
- 2. Establish a communication plan;
- 3. Establishment of an Advisory Panel to provide guidance on integration of oral health and chronic disease.

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Identifying Hypertension in Oral Health Practices

Overview

 With funding from the Centers for Disease Control and Prevention (CDC), up to four (4) non 1422 local health departments (LHD) to integrate chronic disease and oral health systems by working with at least five (5) dental practices in their jurisdictions.

Project Period

 The approximate project period is January, 2017-June 29, 2017. It is anticipated that successful projects will be extended and will receive a second year funding July 1, 2017-June 29, 2018.

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Identifying Hypertension in Oral Health Practices

Scope of Work

The purpose of the grant is to encourage LHDs to work with dental practices to institutionalize:

- The screening for high blood pressure for the identification of undiagnosed hypertension;
- 2. The use of a bi-directional referral mechanism;
- 3. Link patients to clinical and/or community-based services.

Identifying Hypertension in Oral Health Practices

Reach

- Each jurisdiction will work with a total of five (5) dental practices:
 > at least two (2) practices engaged by June 30, 2017.
 - Screening processes will align with 1422 jurisdictions, creating uniform processes state-wide.

Outcomes

- Enhanced quality and effectiveness in the delivery and use of clinical services to identify undiagnosed hypertension;
- Standardization of screening for high blood pressure;
- Improved communication.

MARYLAND HEALTH AND MENTAL HYGIENE

Communication Plan

Establishment of a health literacy social marketing campaign with the following objectives:

- 1. Target women and families at risk for hypertension.
- 2. Encourage routine dental visits.
- 3. Increase awareness between oral health and chronic disease.
- Increase awareness of dental provider's ability to screen for hypertension and provide patients with relevant information and resources.

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Advisory Panel

Mission

 To provide guidance for the integration of oral health and chronic disease public health programs to improve the health of Marylanders.

Role of the Advisory Panel

- Establish project guidelines
- Standardize toolkits
- Provide further guidance as necessary.

Expectations of Panel Members

- Participate in quarterly meetings (additional conference calls, as needed).
- Provide guidance and direction to DHMH on the execution of the 1609 grant.

Revisiting Today's Goals

Conference Objectives

- Understand hypertension and risk;
- Understand hypertension guidelines;
- Understand the link between oral disease and hypertension, as well as current collaboration;
- Identify I-2 strategies to incorporate hypertension screening into their practice;
- · Understand the role and importance of being a part of the health care team;
- Create I-2 system changes to assure feed-back loop with primary care providers in the identification of hypertension.

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Prevention and Health Promotion Administration

http://phpa.dhmh.maryland.gov

MARYLAND HEALTH AND MENTAL HYGIENE