

# STRATEGIC FRAMEWORK FOR IMPROVING PERINATAL ORAL HEALTH



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# Background



- Benefits and importance of perinatal oral health and nation's oral health across the lifespan
- Barriers to perinatal oral health:
  - ▣ Oral health finance systems
  - ▣ Workforce preparedness/Willingness
  - ▣ Lack of system integrations and care coordination
  - ▣ Women's knowledge, attitude, and behavior on perinatal oral health

# Background cont.

- Guidelines and Professional Recommendations
  - ▣ New York State Department of Health (2006): Practice Guidelines— Oral Health Care During Pregnancy and Early Childhood.
  - ▣ National MCH OHRC: Oral Health Care During Pregnancy- A Summary of Practice Guidelines (2008)
  - ▣ California Dental Association Foundation (2010): Evidence-Based Guidelines for Health Professionals— Oral Health During Pregnancy and Early Childhood .
- Oral Health Care During Pregnancy National Consensus Statement (HRSA)
  - ▣ Practice guidelines
  - ▣ Endorsements from medical and dental professional organizations (i.e. AAP, ACOG, ADA)

# Background cont.



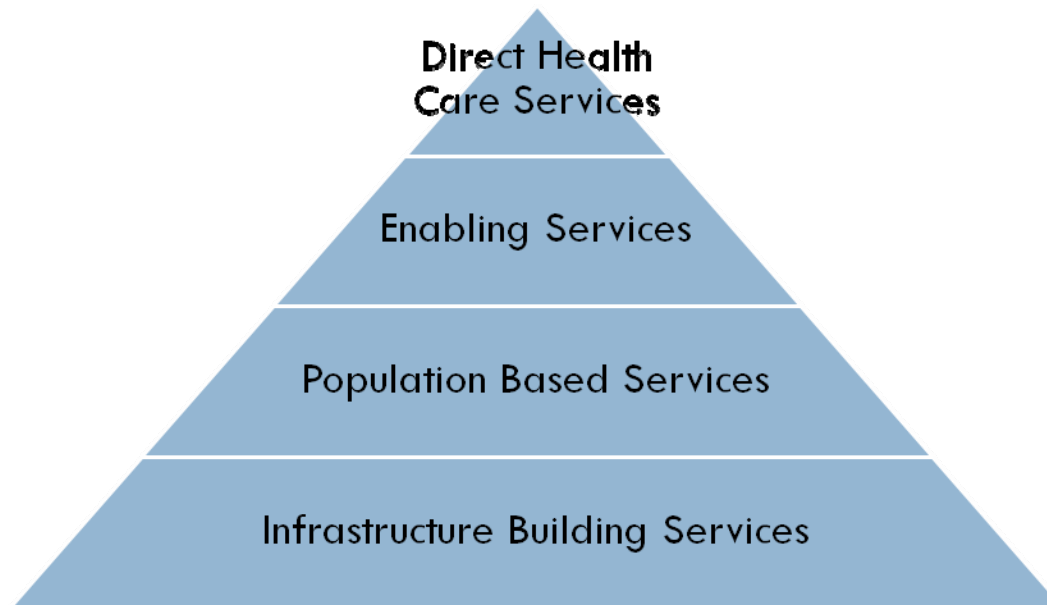
- ASTDD Best Practice Approaches for State and Community Oral Health Programs: A Report on Perinatal Oral Health
  - ▣ ASTDD BPA Committee
  - ▣ ASTDD Perinatal and Early Childhood Committee
    - Conducted surveys among the State Dental Directors to evaluate perinatal oral health infrastructure (2010) and identify State Practice Examples (2011)
    - Reviewed scientific evidence in the literature as well as various public health reports to examine the evidence supporting strategies to promote perinatal oral health

# Strength of Evidence in Perinatal Oral Health Practice Approaches

- Research ++
- Expert Opinion +++
- Field Lessons +
- Theoretical Rationale +++

# Development of Strategic Framework for Improving Perinatal Oral Health

- MCH Pyramid



- A Model Framework for Community Oral Health Programs Based Upon the Ten Essential Public Health Services

# Strategic Framework for Improving Perinatal Oral Health

1. Assess and Monitor Perinatal Oral Health
2. Enhance Infrastructure and Built Partnerships for Perinatal Oral Health
3. Inform and Empower Public to Mobilize Support for Perinatal Oral Health
4. Ensure Perinatal Oral Health Workforce and Systems
5. Promote Research and Evidence Based Perinatal Oral Health Practices
6. Promote Patient-Centered Dental Home and Medical Home Approach in Delivery of Perinatal Oral Health Care.

# 1. Assess and Monitor Perinatal Oral Health

- Integrate perinatal oral health into other health-assessment and data collection efforts conducted by public health systems
  - Assess and monitor
    - perinatal oral health needs,
    - oral health risks, and
    - access to dental services during pregnancy
    - the progress towards short-term and long-term goals
- State Practice Examples:
  - PRAMS/BRFSS including perinatal oral health questions
  - AK CUBS Program



## 2. Enhance Infrastructure and Build Partnerships for Perinatal Oral Health

- Evaluate perinatal oral health resources, opportunities, and identify common concerns and goals:
  - ▣ State MCH programs and chronic health prevention programs
  - ▣ Non-governmental institutions and organizations
  - ▣ Academic institutions
  - ▣ Professional organizations and networks
  - ▣ Public and private insurance payers
  - ▣ Dental providers in private and public sectors

## 2. Enhance Infrastructure and Build Partnerships for Perinatal Oral Health cont.

- New York State Practice Examples:

- Development of Perinatal Oral Health Outreach Networks

- the HRSA TOHSS grant

- Over 540 individuals and 328 organizations and programs that serve for women and children during pregnancy and early childhood

- Oral health is included in Medicaid Prenatal Care Standards

### 3. Inform and Empower Public to Mobilize Support for Perinatal Oral Health



- Adopt, endorse, and promote perinatal oral health guidelines and recommendations.
- Mobilize communities and develop advocates to promote perinatal oral health programs and interdisciplinary system integrations
- Improve perinatal oral health information for pregnant women that are appropriate for their cultures and literacy levels.

# 3. Inform and Empower Public to Mobilize Support for Perinatal Oral Health cont.

- State Practice Examples:
- New York
  - ▣ Development of Educational Resources
    - Professional practice guidelines
    - low literacy oral health educational materials
  - ▣ Development of local perinatal oral health coalitions
    - Chemung County Perinatal Oral Health Demonstration Project
    - Private Practice Driven Access to Perinatal Oral Health Care Demonstration Project
- Colorado
  - ▣ Healthy Teeth, Happy Babies
    - Bilingual public health campaign to reduce oral disease in infants and pregnant women since 2006

## 4. Ensure Perinatal Oral Health Workforce and Systems

- Ensure availability of professional education and trainings.
- State Practice Examples:
  - ▣ NY: A satellite broadcast for perinatal, child health and dental care providers across the state (March of Dimes grant)
  - ▣ NJ: Children's oral health education program/OBGY collaborative
  - ▣ RI: Mini Perinatal Oral Health Residency
  - ▣ WV: West Virginia Childhood Oral Health Project

## 4. Ensure Perinatal Oral Health Workforce and Systems cont.



- Expand the diversity of the dental workforce.
- Increase numbers of safety-net dental clinics.
- Implement strategies to develop and sustain case management, care coordination and referrals.

## 5. Promote Research and Evidence-Based Perinatal Oral Health Practices

- Utilize research- and surveillance-based data to define and address perinatal oral health needs, disparities and barriers.
- Evaluate data from existing perinatal oral health programs to develop effective perinatal oral health services and workforce models.
- Promote research to improve quality and effectiveness of perinatal oral health care.
- State Practice Examples:
  - ▣ The Mother and Youth Access (MAYA) project (CA)
  - ▣ Oral Health for Pregnancy, Babies, and Toddlers (OR/WA)

## 6. Promote Patient-Centered Dental Home or Medical Home Approach in Delivery of Perinatal Oral Health Care



- Develop strategies for outreach, care coordination, and provider communication
- Women are provided patient-centered, comprehensive, coordinated, culturally effective, and compassionate dental services.
- Women improve their self-care skills.



# Thank You

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