

Oral Health Care During Pregnancy: A National Consensus Statement



Introduction

Pregnancy is a unique period during a woman's life and is characterized by complex physiological changes, which may adversely affect oral health. At the same time, oral health is key to overall health and well-being. Preventive, diagnostic, and restorative dental treatment is safe throughout pregnancy and is effective in improving and maintaining oral health.

However, health professionals often do not provide oral health care to pregnant women. At the same time, pregnant women, including some with obvious signs of oral disease, often do not seek or receive care. In many cases, neither pregnant women nor health professionals understand that oral health care is an important component of a healthy pregnancy.

In addition to providing pregnant women with oral health care, educating them about preventing and treating dental caries is critical, both for women's own oral health and for the future oral health of their children. Evidence suggests that most infants and young children acquire caries-causing bacteria from their mothers. Providing pregnant women with counseling to promote healthy oral health behaviors may reduce the transmission of such bacteria from mothers to infants and young children, thereby delaying or preventing the onset of caries.

For these reasons, it is essential for health professionals (e.g., dentists, dental hygienists, physicians, nurses,



midwives, nurse practitioners, physician assistants) to provide pregnant women with appropriate and timely oral health care, which includes oral health education.

This national consensus statement was developed to help health professionals, program administrators and staff, policymakers, advocates, and other stakeholders respond to the need for improvements in the provision of oral health services to women during pregnancy. Ultimately, the implementation of the guidance within this consensus statement should bring about changes in the health-care-delivery system and improve the overall standard of care.

This consensus statement resulted from the Oral Health Care During Pregnancy Consensus Development Expert Workgroup Meeting convened by the Health Resources and Services Administration's Maternal and Child Health Bureau in collaboration with the American College of Obstetricians and Gynecologists and the American Dental Association and coordinated by the National Maternal and Child Oral Health Resource Center. The meeting was held on October 18, 2011, at Georgetown University in Washington, DC. A companion document, *Oral Health Care During Pregnancy: A National Consensus Statement—Summary of an Expert Workgroup Meeting*, which includes information about the meeting, resources, the meeting agenda, and a participant list, is available at <http://www.mchoralhealth.org/PDFs/OralHealthPregnancyConsensus.pdf>.



- Share pertinent information about pregnant women with oral health professionals, and coordinate care with oral health professionals as appropriate.

Provide Support Services (Case Management) to Pregnant Women

- Help pregnant women complete applications for insurance or other sources of coverage, social services (e.g., domestic violence services), or other needs (e.g., transportation, translation).
- If the woman does not have a dental home, explain the importance of optimal oral health during pregnancy. Help her obtain care by facilitating referrals to oral health professionals in the community, including those who serve pregnant women enrolled in Medicaid and other public insurance programs, or by contacting a dental office to schedule care.

Improve Health Services in the Community

- On the patient-intake form, include questions about oral health (e.g., name and contact information of oral health professional, reason for and date of last dental visit, previous dental procedures).
- Establish partnerships with community-based programs (e.g., Special Supplemental Nutrition



Program for Women, Infants and Children [WIC], Early Head Start) that serve pregnant women with low incomes.

- Provide a referral to a nutrition professional if counseling (e.g., guidance on food choices or nutrition-related health problems) would be beneficial.
- Integrate oral health topics into prenatal classes.
- Provide culturally and linguistically appropriate care. Take the time to ensure that women understand the information shared with them.



Work in Collaboration with Prenatal Care Health Professionals

- Establish relationships with prenatal care health professionals in the community. Develop a formal referral process whereby the prenatal care health professional agrees to see the referred individual in a timely manner (e.g., that day, the following day) and to provide subsequent care.
- Share pertinent information about pregnant women with prenatal care health professionals, and coordinate care with prenatal care health professionals as appropriate.
- Consult with prenatal care health professionals, as necessary—for example, when considering the following:
 - Co-morbid conditions that may affect management of oral problems (e.g., diabetes, hypertension, pulmonary or cardiac disease, bleeding disorders).
 - The use of intravenous sedation or general anesthesia.
 - The use of nitrous oxide as an adjunctive analgesic to local anesthetics.

Provide Oral Disease Management and Treatment to Pregnant Women

- Provide emergency or acute care at any time during the pregnancy, as indicated by the oral condition.
- Develop, discuss with women, and provide a comprehensive care plan that includes prevention, treatment, and maintenance throughout pregnancy. Discuss benefits and risks of treatment and alternatives to treatments.

- Use standard practice when placing restorative materials such as amalgam and composite.
- Use a rubber dam during endodontic procedures and restorative procedures.
- Position pregnant women appropriately during care:
 - Keep the woman's head at a higher level than her feet.
 - Place woman in a semi-reclining position, as tolerated, and allow frequent position changes.
 - Place a small pillow under the right hip, or have the woman turn slightly to the left as needed to avoid dizziness or nausea resulting from hypotension.
- Follow up with pregnant women to determine whether preventive and restorative treatment has been effective.

Provide Support Services (Case Management) to Pregnant Women

- Help pregnant women complete applications for insurance or other sources of coverage, social services (e.g., domestic violence services), or other needs (e.g., transportation, translation).
- If the woman does not have a prenatal care health professional, explain the importance of care. Facilitate referrals to prenatal care health professionals in the community, especially those who accept Medicaid and other public insurance programs.

Improve Health Services in the Community

- On the patient-intake form, record the name and contact information of the prenatal care health professional.
- Accept women enrolled in Medicaid and other public insurance programs.
- Establish partnerships with community-based programs (e.g., WIC, Early Head Start) that serve pregnant women with low incomes.
- Provide a referral to a nutrition professional if counseling (e.g., guidance on food choices or nutrition-related health problems) would be beneficial.
- Provide culturally and linguistically appropriate care. Take the time to ensure that women understand information shared with them.



Guidance for Health Professionals to Share with Pregnant Women

Guidance provided to pregnant women should be modified based on risk assessment. Creating opportunities for thoughtful dialogue between pregnant women and health professionals is one of the most effective ways to establish trust and build a partnership that promotes health and prevents disease.

Share the information on the following two pages with pregnant women. In addition to discussing the information with pregnant women, health professionals may photocopy the pages, or download and print them, to serve as a handout.

Sources

- American Academy of Pediatric Dentistry. 2011. Guideline on perinatal oral health care. *Reference Manual* 33(6):118–123. http://www.aapd.org/media/Policies_Guidelines/G_PerinatalOralHealthCare.pdf.
- CDA Foundation. 2010. *Oral Health During Pregnancy & Early Childhood: Evidence-Based Guidelines for Health Professionals*. Sacramento, CA: CDA Foundation. http://www.cdafoundation.org/Portals/0/pdfs/poh_guidelines.pdf.
- Kumar J, Iida H. 2008. *Oral Health Care During Pregnancy: A Summary of Practice Guidelines*. Washington, DC: National Maternal and Child Oral Health Resource Center. http://www.mchoralhealth.org/PDFs/Summary_PracticeGuidelines.pdf.
- Kumar J, Samelson R, eds. 2006. *Oral Health Care During Pregnancy and Early Childhood: Practice Guidelines*. Albany, NY: New York State Department of Health. <http://www.health.state.ny.us/publications/0824.pdf>.
- Northwest Center to Reduce Oral Health Disparities. 2009. *Guidelines for Oral Health Care in Pregnancy*. Seattle, WA: University of Washington School of Dentistry. http://depts.washington.edu/nacrohdsites/default/files/oral_health_pregnancy_0.pdf.



- Drink water throughout the day, especially between meals and snacks. Drink fluoridated water (via a community fluoridated water source) or, if you prefer bottled water, drink water that contains fluoride.
- To reduce the risk of birth defects, get 600 micrograms of folic acid each day throughout your pregnancy. Take a dietary supplement of folic acid and eat foods high in folate and foods fortified with folic acid. Examples of these foods include
 - Asparagus, broccoli, and green leafy vegetables, such as lettuce and spinach
 - Legumes (beans, peas, lentils)
 - Papaya, tomato juice, oranges or orange juice, strawberries, cantaloupe, and bananas
 - Grain products fortified with folic acid (breads, cereals, cornmeal, flour, pasta, white rice)

Practice Other Healthy Behaviors

- Attend prenatal classes.
- Stop any use of tobacco products and recreational drugs. Avoid secondhand smoke.
- Stop any consumption of alcoholic beverages.

Resources

Cavity Keep Away (brochure and poster in English and Spanish) produced by the California Dental Association Foundation. <http://www.cdafoundation.org/Learn/EducationTraining/PerinatalOralHealthEducation/PatientEducationMaterial.aspx>.

Dental Care Before, During, and After Pregnancy (handout) produced by the South Carolina Department of Health and Environmental Control, Division of Oral Health. <http://www.scdhec.gov/administration/library/CR-009602.pdf>.

For the Dental Patient: Oral Health During Pregnancy—What to Expect When Expecting (handout) produced by the American Dental Association. <http://www.ada.org/993.aspx>.

Good Oral Health for Two (handout) produced by the Northeast Center for Healthy Communities, Greater Lawrence Family Health Center. http://www.mchoralhealth.org/pdfs/goodoralhealthfortwo_eng.pdf (English), http://www.mchoralhealth.org/pdfs/goodoralhealthfortwo_sp.pdf (Spanish).

Healthy Smiles for Two (brochure) produced by the South Dakota Department of Health, Oral Health Program. http://doh.sd.gov/OralHealth/PDF/SmilesforTwo_Brochure.pdf.

Nothing But the Tooth (video) produced by the Texas Department of State Health Services, Nutrition Services Section

and Texas Oral Health Coalition. <http://www.youtube.com/watch?v=4m41tR3s9sE> (English), <http://www.youtube.com/watch?v=vuYTLjXG-do> (Spanish).

Patient Education Tools (articles in Chinese, English, Hmong, Russian, Spanish, and Vietnamese) produced by the California Dental Association. http://www.cda.org/page/patient_education_tools.

Pregnancy and Dental Care (poster and wallet card) produced by the New York State Department of Health. <http://www.health.state.ny.us/prevention/dental/publications.htm>.

text4baby (mobile information service) produced by the National Healthy Mothers, Healthy Babies Coalition. <http://www.text4baby.org>.

Two Healthy Smiles: Tips to Keep You and Your Baby Healthy (brochures) produced by the National Maternal and Child Oral Health Resource Center. <http://www.mchoralhealth.org/PDFs/pregnancybrochure.pdf> (English) and http://www.mchoralhealth.org/PDFs/pregnancybrochure_sp.pdf (Spanish).

Finding a Dentist

- <http://www.ada.org/ada/findadentist/advancedsearch.aspx>
- <http://www.knowyourteeth.com/findadentist>

Finding Low-Cost Dental Care

- <http://www.nidcr.nih.gov/FindingDentalCare/ReducedCost/FLCDC.htm>

Finding Health Insurance Coverage

- <http://www.coverageforall.org>

After Your Baby Is Born

- Continue taking care of your mouth after your baby is born. Keep getting oral health care, practicing good oral hygiene, eating healthy foods, and practicing other healthy behaviors.
- Take care of your baby's gums and teeth, feed your baby healthy foods (exclusive breastfeeding for at least 4 months, but ideally for 6 months), and take your baby to the dentist by age 1.
- Ask your baby's pediatric health professional to check your baby's mouth (conduct an oral health risk assessment) starting at age 6 months, and to provide a referral to a dentist for urgent oral health care.

Resource

A Healthy Smile for Your Baby: Tips to Keep Your Baby Healthy (brochures in English and Spanish) produced by the National Maternal and Child Oral Health Resource Center. <http://www.mchoralhealth.org/materials/consumerbrochures.html>.