



UNIVERSITY OF
WASHINGTON
NORTHWEST/ALASKA
CENTER TO REDUCE
ORAL HEALTH DISPARITIES

Klamath County

Early Childhood Caries Prevention Program

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Community Partners

- Klamath County Health Department
- Advantage Dental Plan, Capitol Dental
- WIC
- Oregon Institute of Technology
- CHC and Medical Plans
- University of Washington
- Oregon State Department of Health

Key Objectives of the Program

- Develop community supported strategies to stop the transmission between mothers and children.
- Prevent caries expression in kids through parent education about risks and periodic application of fluoride varnish on erupting teeth.
- Provide a dental home for moms and kids at risk, ensuring success by utilizing a case management model for both clients and providers.

Prescription for good oral health

- All children and adults should use fluoridated toothpaste to brush their teeth just before bedtime...every night!
- Do not rinse the mouth...just spit out excess toothpaste.*
- Do not eat or drink after brushing.

[Daily use of fluoridated toothpaste can reduce dental decay by 15%.
Mothers with healthy teeth are more likely to have healthy children.]

Klamath County Early Childhood Cavity Prevention Program

.....teeth under construction,
healthy smiles in progress.....

Source:
Dr. John Hyatt, MD
Dr. Walter C. Davis, MD, DMD, FRCR
American Academy of Pediatric Dentistry
American Dental Association
American Dental Association
*This is the general recommendation.
Do not brush after eating.

Program Goal

100% of 2-year old
children on
Medicaid will have
no cavities.

Program Components Based on Solid Research

- Home visits
 - Parent education on dental disease transmission/ECC.
 - Follow-up at WIC.
 - Tool Kits
- Case management to eliminate barriers to dental care.
- Fluoride toothpaste provided to mother and child with instructions to apply to teeth daily from 1st tooth.
- Every pregnant woman and newborn assigned a dental home (managed care) for necessary treatment.
- Chlorhexidine rinses during pregnancy and xylitol gum for the new mother. Fluoride varnish for child per risk.

Prenatal tool kit	6-week tool kit	6-month tool kit	1 year tool kit
<ul style="list-style-type: none"> ❑ Healthy Mouth for Your Baby Brochure ❑ Immunization Schedule ❑ Tooth/Gum Brushing and Flossing Chart ❑ Baby T-shirt ❑ Adult Toothbrush ❑ Adult Fluoride Toothpaste ❑ Dental Floss ❑ Rx for Good Oral Health ❑ TUC Prenatal Educational Insert 	<ul style="list-style-type: none"> ❑ Preventing Nursing Bottle Mouth Brochure ❑ Immunization Schedule ❑ Tenders (finger toothbrush) ❑ Infant/Toddler Safety Toothbrush ❑ Adult Toothbrush ❑ Dental Floss ❑ Children's Fluoride Toothpaste ❑ Rx for Good Oral Health ❑ TUC 6-week Educational Insert 	<ul style="list-style-type: none"> ❑ Preventing Nursing Bottle Mouth Brochure ❑ Immunization Schedule ❑ Mouth Mirror ❑ Sippy Cup ❑ Adult Toothbrush ❑ Child Toothbrush ❑ Children's Fluoride Toothpaste ❑ Dental Floss ❑ Rx for Good Oral Health ❑ TUC 6-month Educational Insert 	<ul style="list-style-type: none"> ❑ Preventing Nursing Bottle Mouth Brochure ❑ Immunization Schedule ❑ Kick the Bottle Habit Brochure ❑ Teddy Bear ❑ Adult Toothbrush ❑ Child Toothbrush ❑ Children's Fluoride Toothpaste ❑ Dental Floss ❑ Rx for Good Oral Health ❑ TUC 1 year Educational Insert

Table 1: Contents of Oral Health Toolkits

Adapted from "Teeth Under Construction, Healthy Smiles in Progress". Cowlitz County Health Dept., Longview, WA.

Process

- Medicaid eligible pregnant women are referred through WIC or another partner. Home visits are made prenatally, when the child is 6-weeks, 6-months, 1-year, and 2-years of age.
- Case manager makes appointment(s) for pregnant women at hygiene school (OIT). Includes assessment, radiographs by protocol, cleaning and chlorhexadine therapy. Paid for by dental managed care organization.
- Pregnant women are assigned a dental home (managed care) and scheduled for treatment to reduce dental disease. There are enough dentists.
- Baby goes to the same dental home as the mother.

Challenge: Increase the proportion of pregnant women who receive anticipatory guidance at home



80.5%

339/421*

* 2/2004 to 1/2006

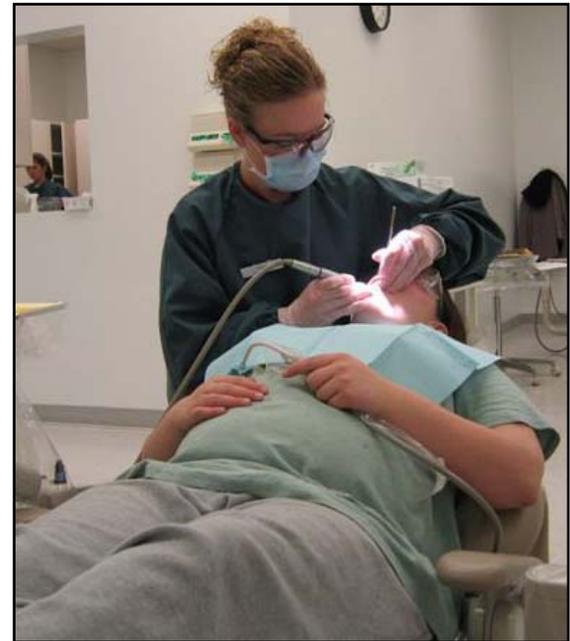
Challenge: Increase the number of pregnant women using dental care

55.8% (eligibles)

69.3%

(of those who
received a
prenatal visit)

No show rate = 9%



Challenge



Keep in contact with the new moms and get the babies in to the dental home

Solution: Staff training, motivational interviewing, better contact information

Challenge: Fluoride Toothpaste in Toddlers



- Topical application of fluoride at home
- Concerns about fluorosis

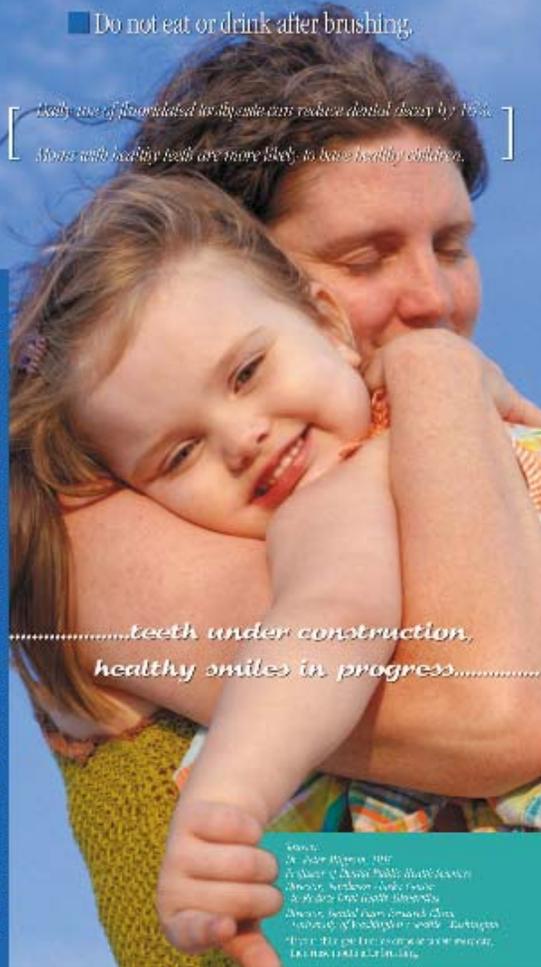
Solution: Educate the professional community on benefits and risks, alternative is caries!

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Dr. Walter C. Mason, MD, DABFDD
American Academy of Pediatric Dentistry
American Dental Association
American Dental Association
*This is the general recommendation.
Dental professionals may recommend

Program Goal

A sustainable program that grows and changes over time to meet the needs of the community

Thanks

- Robert Wood Johnson Foundation
- Center for Health Care Strategies
- National Institute of Dental and Craniofacial Research, NIH