



Preventing Dental Disease in Pediatric Primary Care

Presenter: Madlen Caplow, MPH

Our Mission

Bending the arc of oral health toward equity

Our Vision

All people enjoy good oral and overall health with no one left behind



Why Oral Health?

Longevity

Heart Disease

Healthy Eating

Employment

Cancer



Healthy Aging

Pregnancy

Children's Development

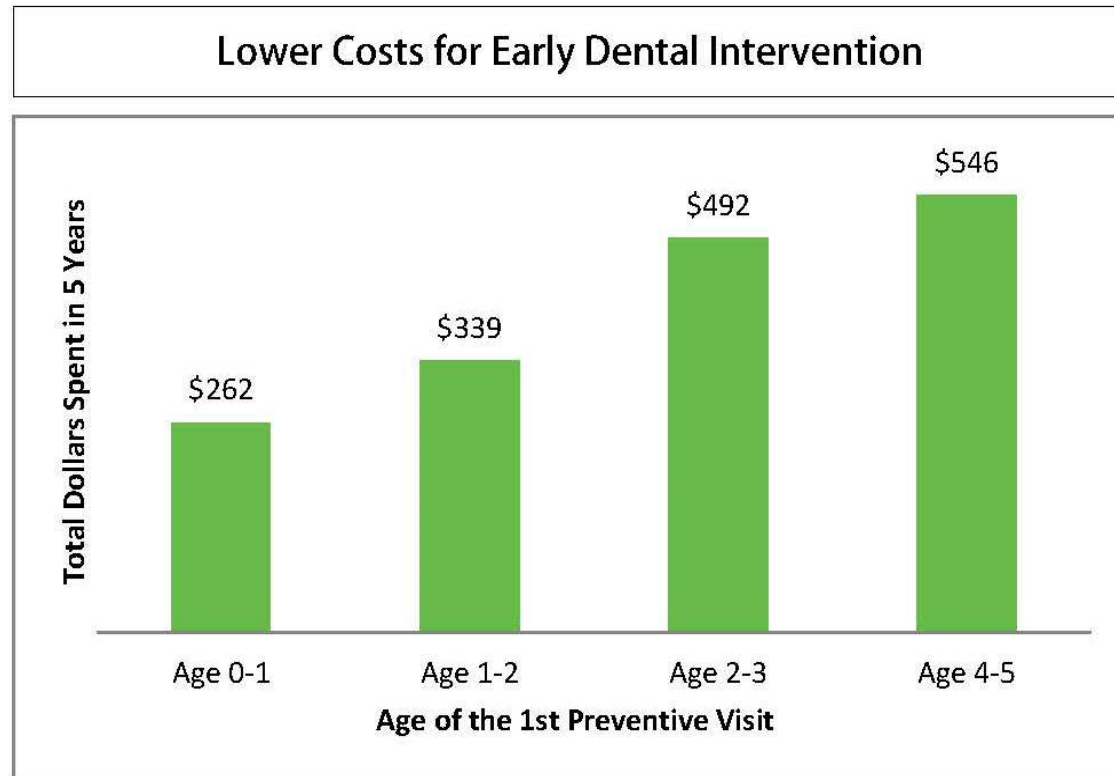
Diabetes

Mental Health

School Readiness

Early Intervention Saves \$

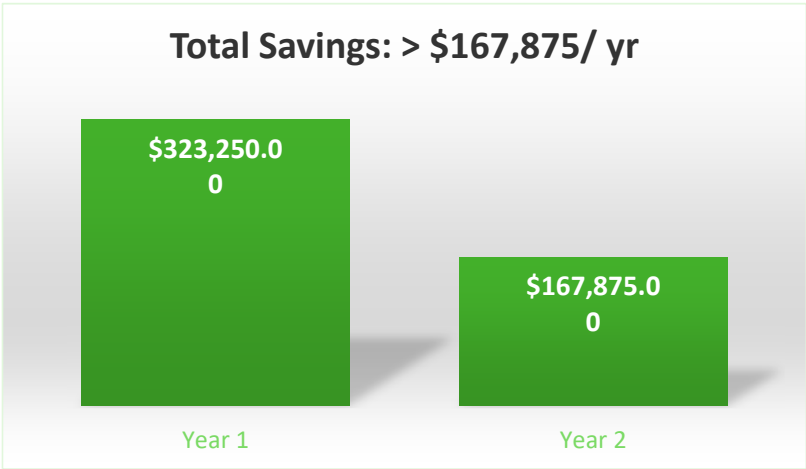
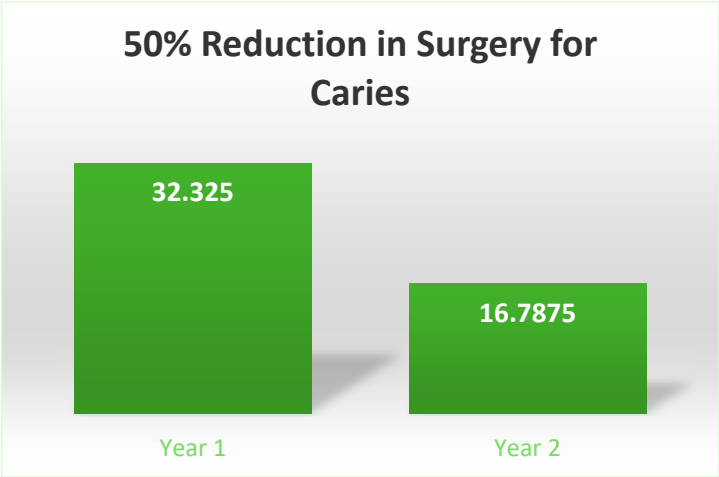
- > The earlier a child receives preventive oral health care, the lower the cost of care over time.



Cost Impact: An Illustration

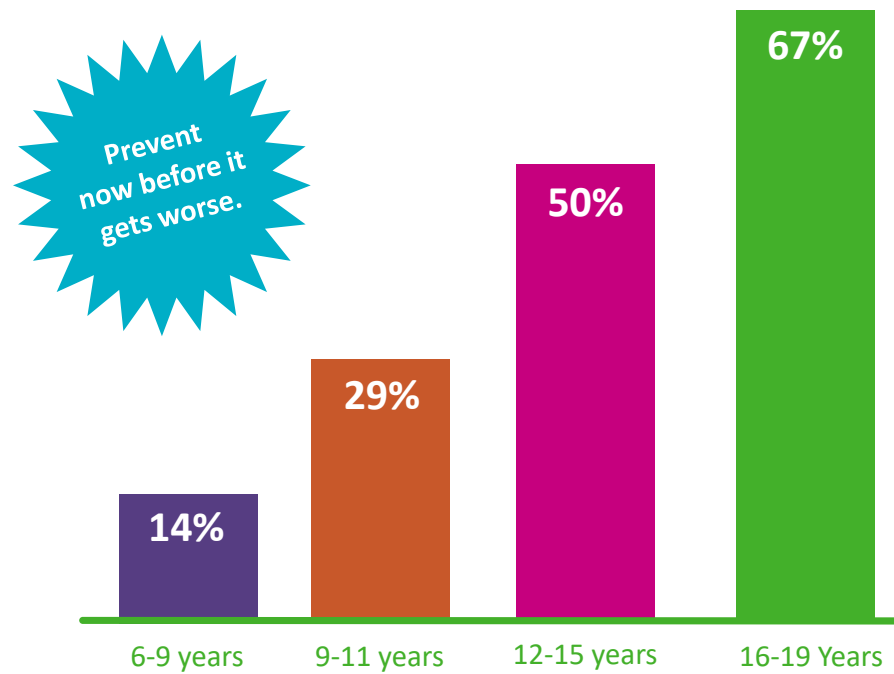
Assumptions:

- > Local FQHC system has 2500 children under age 6
- > 1.5% of children covered by Medicaid receive general anesthesia for caries.
- > In 2011 cost per surgery > \$10,000

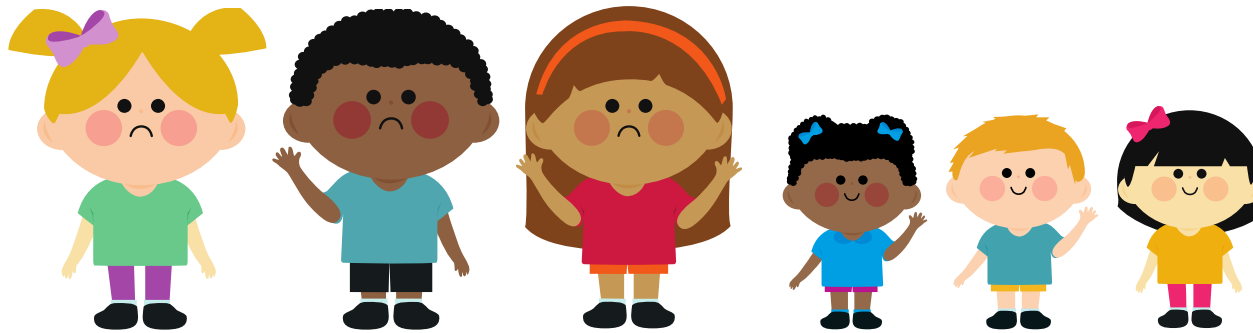


Dental Decay in Permanent Teeth by Age - National

(2012 National Average)



Dental Disease Rates - 2015 Washington 3rd Graders



More than half (53%) experienced tooth decay

One in six (17%) have rampant tooth decay

Race Ethnicity problem for all but more so people of color

HEALTH DISPARITIES ARE WIDESPREAD



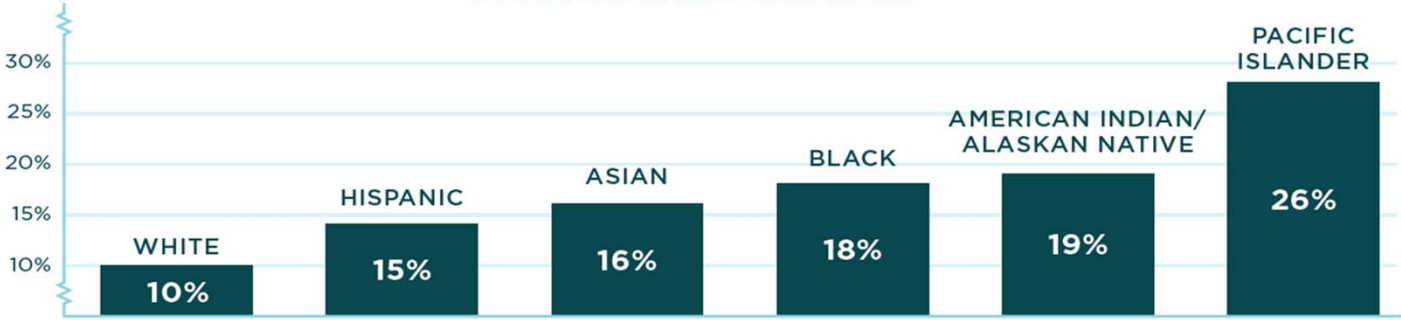
50% HIGHER
Hispanic and American Indian/Alaskan Native children have a **50% higher rate of decay.***

**Compared to White children*

2X

Third grade children from low-income households suffer from rampant decay at twice the rate of children from higher-income households.

CHILDREN OF COLOR HAVE HIGHER RATES OF UNTREATED DECAY.



Smile Survey Data

What is the Impact to Children and Families?

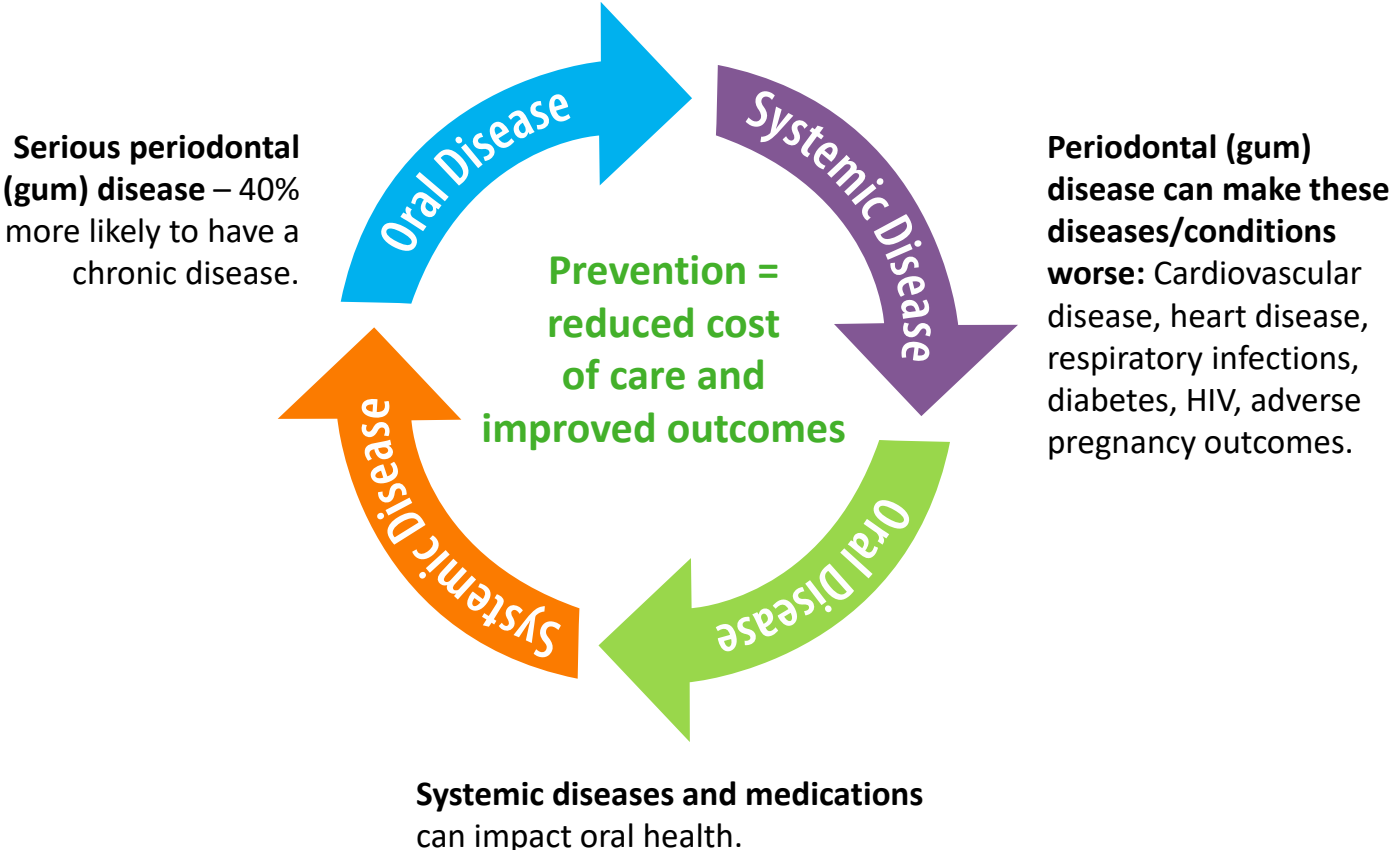
PAIN and Limits ability to:

- > Eat
- > Play
- > Sleep
- > Learn
- > Be self-confident
- > Get a job when older

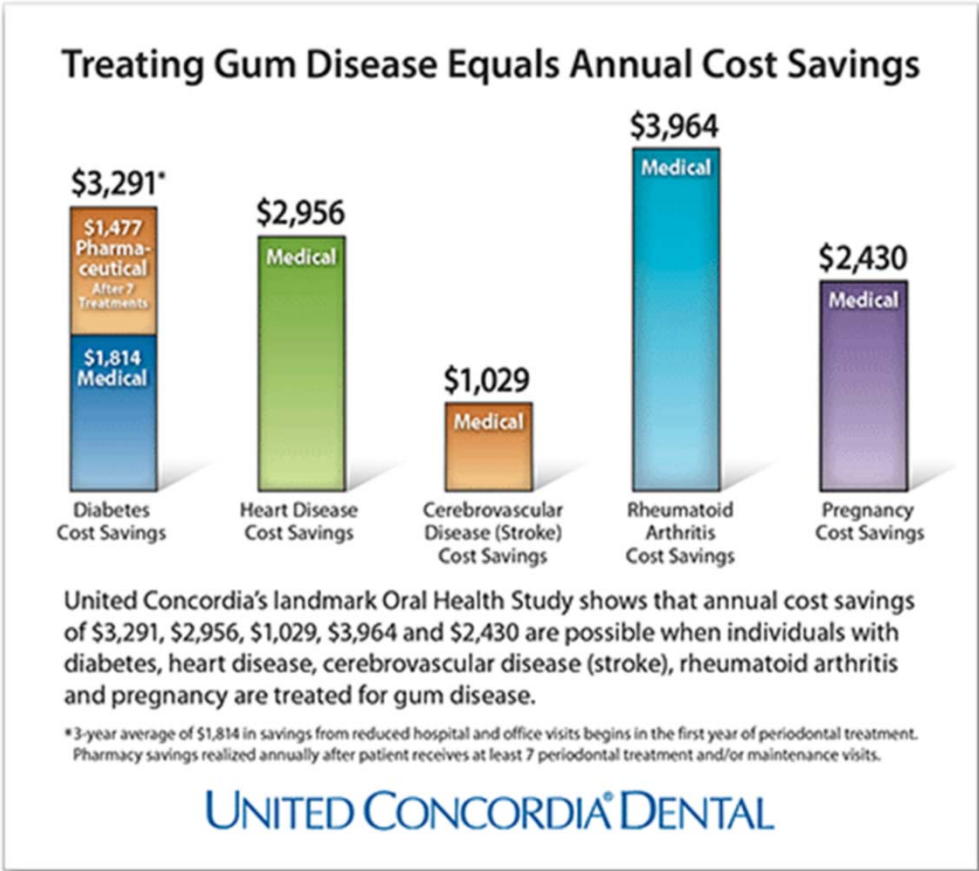


🦷 It is not just about pretty teeth it is about preventing disease!

Oral Disease and Systemic Disease Are Connected



Cost Savings Opportunity



Key Points

Oral disease is...

- Nearly 100% preventable
- Highly prevalent – opportunity to improve health for a large # of people
- Impacting overall health and quality of life
- Contributing to unnecessary healthcare spending
- Takes a village!

Engaging Primary Care



Working together to go further...faster!

National and Local Support for Oral Health Integration



Washington State Common Measure Set includes pediatric oral health services.



2011, Institute of Medicine (IOM) recommends expanding the role of non-dental healthcare professionals in oral health.



The U.S. Preventive Services Task Force (USPSTF) Grade B recommendation for children, “primary care providers should apply fluoride varnish to the teeth of all infants and children from the time of primary tooth eruption to age 5.”



The **Health Resources and Services Administration (HRSA)** issues core clinical competencies and recommendations for integrating oral health in primary care, healthcare education, and practitioner standards.

Why Primary Care?

Primary Care Providers:

- > Are “prevention experts” and play an important role in the prevention and early identification of oral diseases
- > See a child 8-9 times by the age of 3
- > Can increase access to care - help establish a dental home through referral to a dentist
- > Already look in the mouth and addressing key factors contributing to oral disease e.g. nutrition, medications

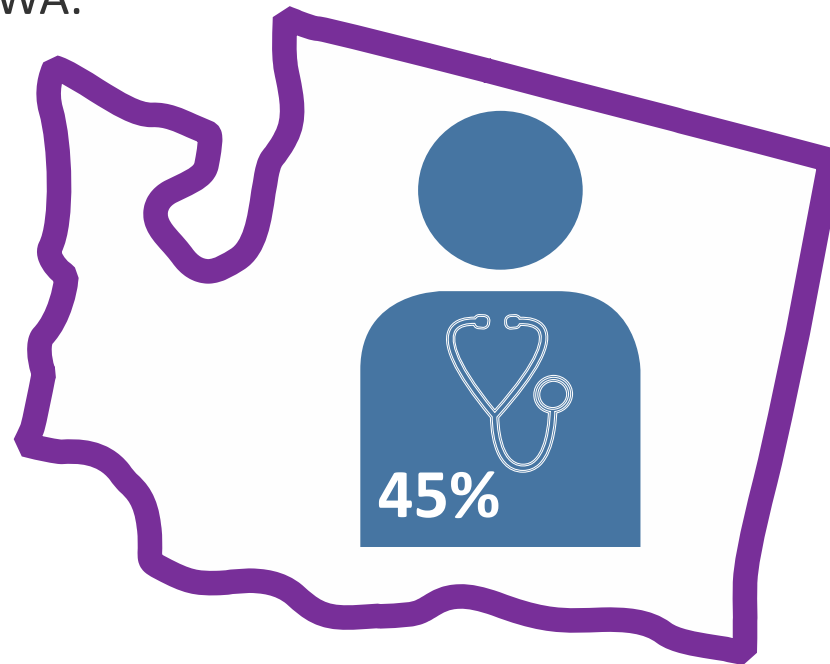
AND...

- > Rural areas often have less access to care
- > Less fluoridated water

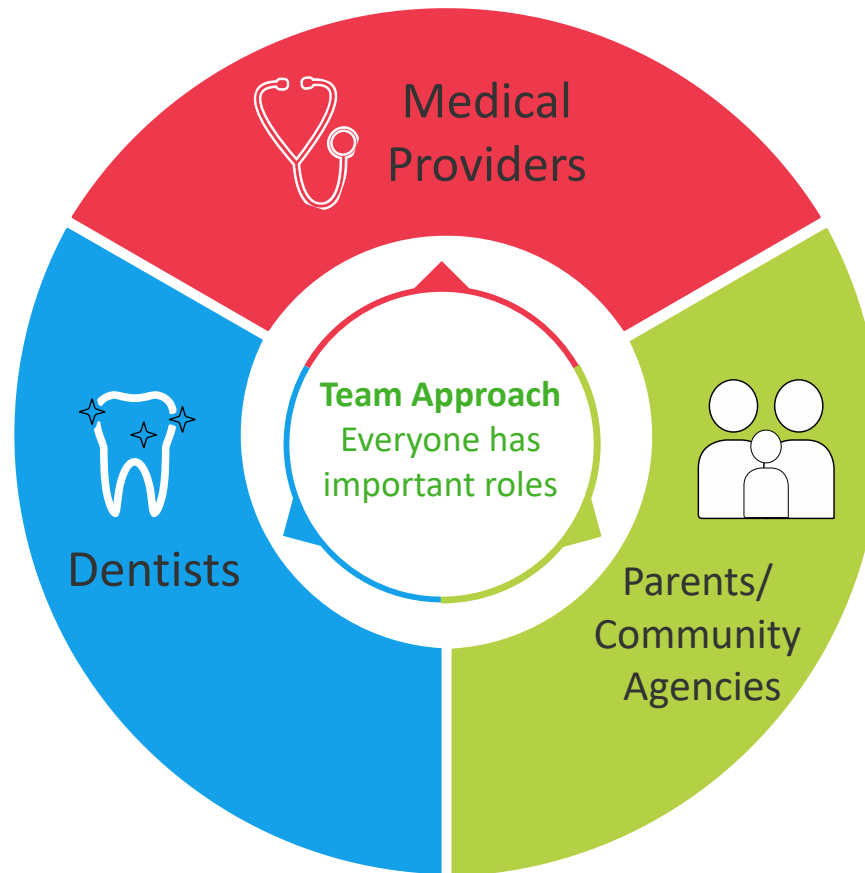


Primary Care Medical Provider Trainings

- > Since 2002, trainings have reached more than 1,612 of the 3,562 practicing Family Physicians and Pediatricians in WA.



Teamwork



Primary Care Has an Important Role to Play!



Put the Mouth Back in the Body

GOAL

Medical team address oral health with children

- > Screening/risk assessment
- > Oral health counseling
- > Fluoride varnish
- > and, DDS referral if needed



Setting Practice Up for Success

Pre-implementation support + Training + Practice coaching

- > Workflow
- > Documentation
- > Billing

...and then provider training

- > Ongoing technical assistance ...

Your Prescription for Good Oral Health



- > Encourage patients to:
 - > Choose healthy snacks and drinks.
 - > Drink water with fluoride.
 - > Limit frequency of snacking and sipping of high sugar/starch foods and drinks between meals.
 - > Brush twice a day with fluoride toothpaste.
- > Apply fluoride varnish.
- > Provide referral for:
 - > 2+ and never seen dentist.
 - > Identified risks.
 - > Pregnant mother.
 - > Sealants (first molar around age 6).

Billable Procedures: WA Medicaid

*\$73,102 annually when 3 oral health services provided to 20 children/week in addition to the well-visit reimbursement

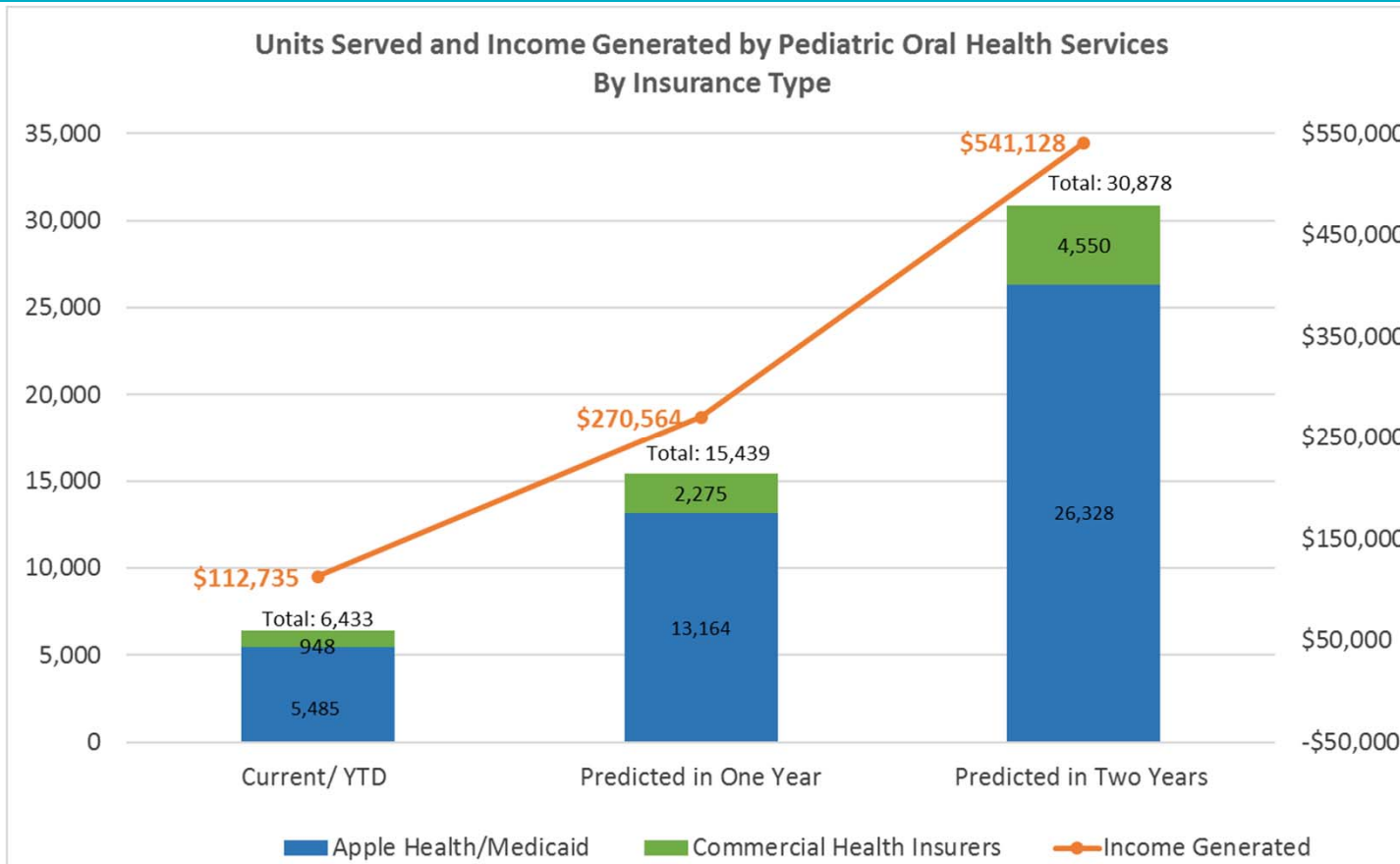
CDT/HCPCS Code	ICD-10-CM Diagnosis Code	Description	Maximum Allowable Fee	Limitations
D0120	Z00.129	Periodic oral evaluation	\$29.46	Once every 6-months through age 5 per provider, per child
D1206	Z00.129	Topical application of fluoride	\$13.25	Three times per 12-months through age 5, per provider, per child**
D9999	Z00.129	Family oral health education	\$27.58	Two times per child, through age 5, but only once per day, per family, per provider
			Potential Total: \$70.29*	

****Note:** CDT D1206, ages 6-18, coverage up to 2 times in 12-months.

[Policy/reimbursement information go to: Physicians-Related Services/Health Care Professional Services Medicaid Provider Guide](#)



Billing Oral Health Services



Profile of Practice

Privately Owned 2 Clinic Medical Group
 12 MD's (10.5 FTEs)
 2 Pediatric Nurse Practitioners
 16,800 patients
 77% Medicaid overall

ARCORA

The Foundation of Delta Dental of Washington

Credits:

- Some of these slides were developed for the Interdisciplinary Children's Oral Health Promotion Project, a joint effort of the UW Medical School Departments of Family Medicine and Pediatrics and the UW Dental School Department of Pediatric Dentistry
- Further support came from the Society of Teachers in Family Medicine (STFM) Group on Oral Health. Their full curriculum, *Smiles for Life*, including adult, pregnancy, a full presentation on fluoride varnish and emergency oral care, can be found at www.smilesforlife2.org/
- Thanks to Dr. Ben Danielson for appearing in the videos.

Contacts:

- > **Madlen Caplow, MPH**
Washington Dental Service Foundation
mcaplow@deltadentalwa.com
206-473-9542
- > **Russell Maier, MD**
rmaier@uw.edu
509-574-6126



ICOHP Coop Agreement



For more information:
KidsOralHealth.org

VIDEO – GIVE YOUR TEETH A BREAK



VIDEO – SHARE THE LOVE, SHARE THE WATER

VIDEO – FIRST VISIT BY FIRST BIRTHDAY



VIDEO – NO ONE EVER HAD A CAVITY



VIDEO – WHAT IF...

What if...