



The Role of Community Health Workers in the Prevention of Oral Disease



PROJECT ECHO
AN INNOVATIVE LEARNING AND KNOWLEDGE SHARING PLATFORM

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Learning Objectives

- Describe the required health center preventive and additional oral services
- Describe the Health Resources and Services Administration (HRSA) Oral Clinical Measures
- Understand the role of community health workers in the prevention of oral disease





General facts about oral health²

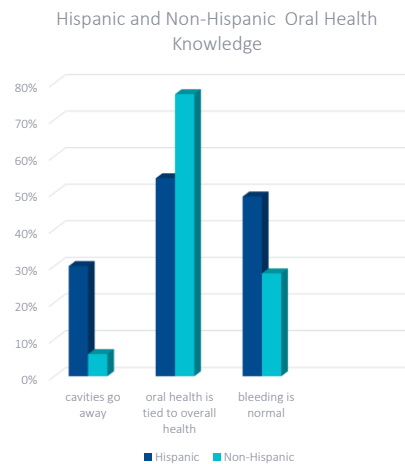
- About 108 million people in the US do not have dental insurance.
- Even those who are covered may have trouble receiving care.
- 141,800 dentists working
- 174,100 dental hygienists
- 4,230 Dental Health Professionals Shortage Areas with 49 million people living in them

Oral Health among Hispanic Families³

- Hispanic families have more barriers to oral health care than other families
- Hispanic children have more untreated caries than children who are not Hispanic
- Hispanics are at higher risk for type 2 diabetes than non-Hispanic Caucasians. People with diabetes have special oral health needs.
- Older Hispanic adults may be unfamiliar with U.S. oral health and dental traditions. Older adults have special oral health needs as they age.
- Good home habits and regular dental care can keep your smile and your body healthy!

Hispanic Oral Health Survey (N=1000; 2011, Hispanic Dental Association Survey)⁴

- > 30% of Hispanics thought cavities could go away by themselves. *
- > Only 54% of Hispanics thought oral health was related to other health problems.
- > 49% of Hispanics thought a little bleeding when brushing was normal.



* In a 2014 updated survey this improved to 21%

What can we do?⁵

Community Health Workers are able to help address oral health...

- > Already a trusted member of the community served and have close understanding of the community.
- > Build individual and community capacity by increasing oral health knowledge and self-sufficiency through outreach, community education, informal counseling, social support and advocacy.
- > Already prevention experts: front-line education and patient self goal-setting to detect disease early, promote prevention, and manage chronic diseases for the rest of the body.
- > Have regular, consistent contact with individual patients and families.



Health
Outcomes Related
to Oral Health

Healthy People 2020 Objective for Sealants⁶

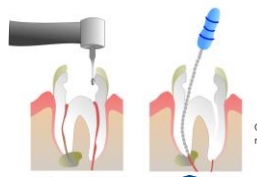
OH-12.2 Increase the proportion of children aged 6 to 9 years who have received dental sealants on one or more of their permanent first molar teeth



Additional Health Services (Optional)⁷



Fillings and single unit crowns



Non-surgical endodontics



Extractions



Periodontal therapies



Bridges

HRSA UDS Clinical Measure⁸

Percentage of children, aged 6 through 9, at moderate to high risk for caries who received a sealant on a first permanent molar during the reporting period.

- *Indicates how well a health center is doing at sealing molars that can be sealed but have not yet been sealed during the reporting period.*

Numerator and denominator

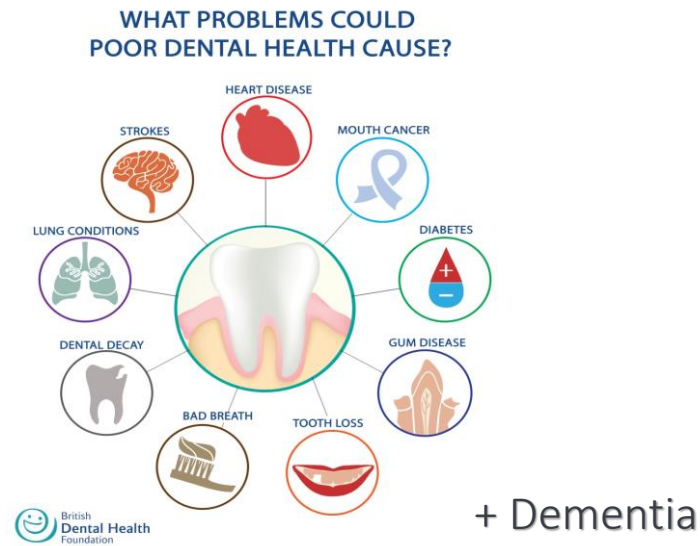
Number of dental patients aged 6-9 in denominator who received a sealant on a permanent first molar in the measurement period

Number of dental patients, aged 6-9 years who had a oral assessment or comprehensive or periodic oral evaluation visit during the reporting period and were documented as being at moderate to high risk for caries

Exclusions: Children for whom ALL first permanent molars are non-sealable

= %

Oral and Overall Health ⁹



Healthy Oral Health Habits¹⁰

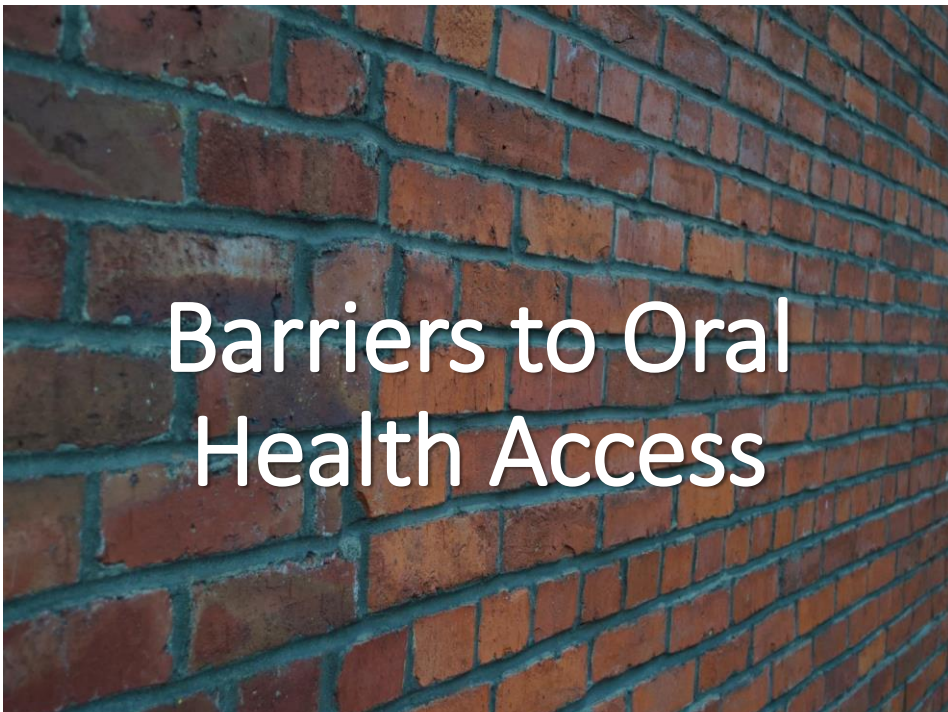
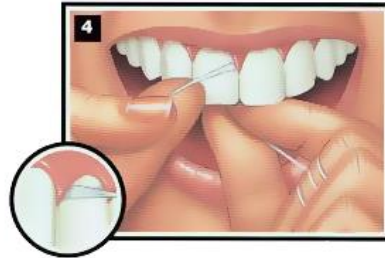
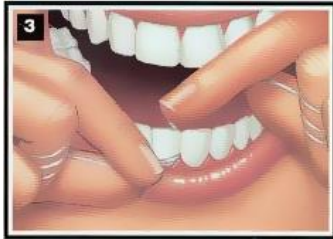
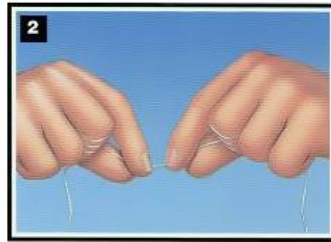
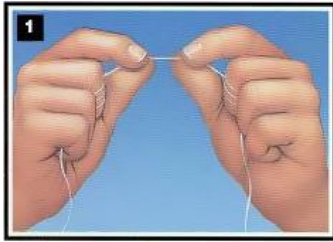


Balance diet and limit sugary snacks and beverages



Regularly visit your dental office for oral exams and professional cleanings

Flossing Properly¹¹



Barriers to Oral Health Access



How is risk defined?¹²



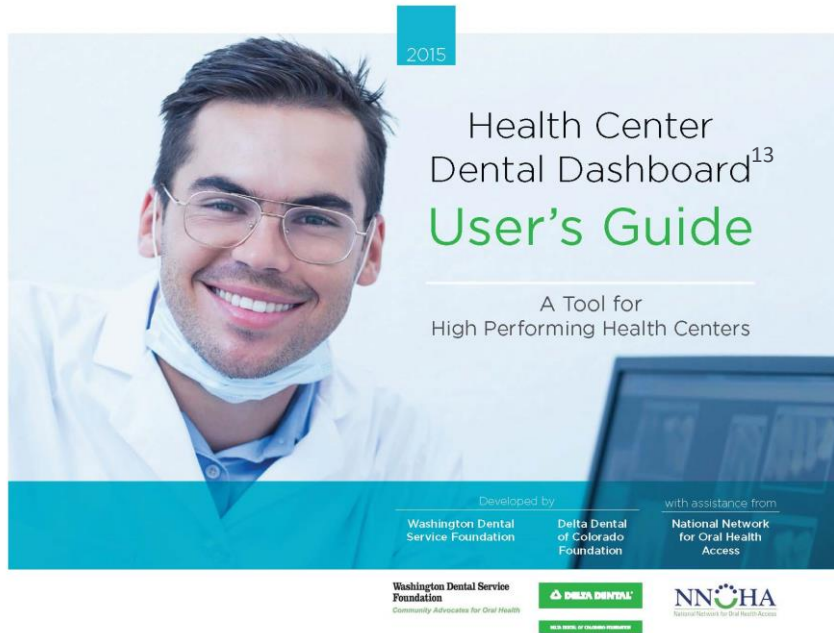


The American Dental Association defines risk as:

- > A risk assessment with a finding of 'moderate' or 'high' risk during the measurement year, OR
- > Documentation of CDT codes for restorative dental services (indicating elevated risk) such as caries, crowns, and root canals during the measurement year, OR
- > Documentation of CDT codes for elevated risk in any of the three years prior to the measurement year.

Resources





The Dental Dashboard

The Dental Dashboard is a set of measures that is an optional tool for Health Centers to use as part of their quality improvement program to...

- > More effectively monitor and measure factors that affect quality
- > Establish baselines for key measures
- > Set targeted improvements for individual measures
- > Develop methods to improve performance
- > Track improvements over time

The Dental Dashboard

Individual Dashboard Measures

The dashboard consists of 15 measures that are organized into three categories:

- » Population health.
- » Fiscal and operational sustainability.
- » Patient satisfaction.



Population Health

Treatment Plan Completion

- » % of dental patients who have Phase I treatment plan completed within six months.

Caries at Recall

- » % of patients with caries diagnosed during a periodic oral exam.

Risk Assessment of all Dental Patients

- » % of all dental patients who have had an oral health risk assessment.

Oral Evaluation and/or Risk Assessment of all Primary Care Patients

- » % of all health center patients who have an oral evaluation and/or risk assessment performed by a medical provider.

Topical Fluoride

- » % of 0-5 year old children (dental and medical) who receive topical fluoride application.

Sealants (6-9 year olds)

- » % of 6-9 year old children, at moderate to high risk, who receive a sealant on one or more permanent first molar teeth.

Sealants (10-14 year olds)

- » % of 10-14 year old children, at moderate to high risk, who receive a sealant on one or more permanent molar teeth.

Self-Management Goal Setting

- » % of dental patients who have at least one oral health self-management goal set by their care team.

Self-Management Goal Review

- » % of health center patients who have oral health self-management goals reviewed by their care team.

Fiscal & Operational Sustainability

Gross Charges (Production) per Encounter

Encounters per Hour

No Shows

Direct Cost per Visit

Recall Rates

Patient Satisfaction

Recommendation to Family and Friends

- » % of patients who would recommend health center services to family and friends.

Health Center Dental Dashboard User's Guide — A Tool for High Performance 16

Dashboard sealants measure for 6-9 year olds

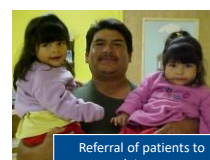
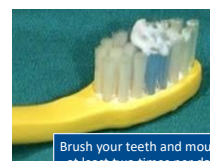


User's guide

- > Complete instructions for accessing the Dental Dashboard are included in the User's Guide.
- > The User's Guide gives more details about:
 - > How the recommended measures were selected
 - > Specifies the numerators and denominators
 - > What codes are needed to track the measures
 - > Tips for how to collect the data



How to encourage patients to choose healthy behaviors

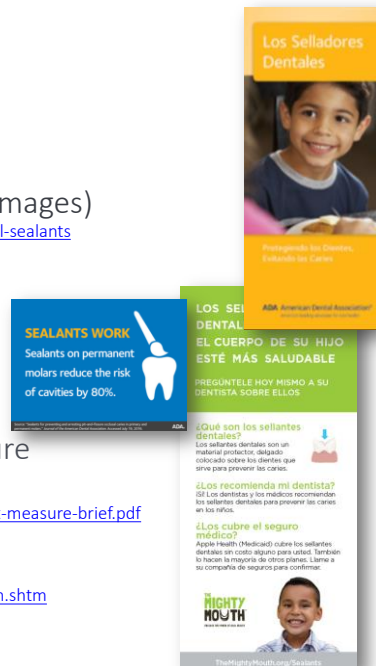


Stories from the field



More Resources

- > ADA Store—Brochures for purchase
<http://ebusiness.ada.org/productcatalog/>
- > ADA Facebook and Twitter ads (free images)
<http://www.ada.org/en/member-center/oral-health-topics/dental-sealants>
- > WDS Foundation—Free materials
<http://ddwa.force.com/brochureswebform>
- > ADA Practice Guidelines (2016)
[http://jada.ada.org/article/S0002-8177\(16\)30473-1/pdf](http://jada.ada.org/article/S0002-8177(16)30473-1/pdf)
- > Medicaid/CHIP Dental Sealant Measure in the Child Core Set
<https://www.medicaid.gov/medicaid/benefits/downloads/sealant-measure-brief.pdf>
- > Texas Health and Human Service
<https://www.dshs.texas.gov/dental/Client-and-Parent-Information.shtm>



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3. <https://www.cdc.gov/features/hispanichealth/>
4. <http://hdassoc.org/oralknowledgegap>
5. <https://www.cdhp.org/blog/376-community-health-workers-hold-promise-for-oral-health-equity>
6. <https://www.healthypeople.gov/2020/topics-objectives/topic/oral-health/objectives>
7. <http://www.webmd.com/oral-health/guide/oral-health-care-providers#1>
8. <https://bphc.hrsa.gov/qualityimprovement/performanceasures/qualitycare.html>
9. <http://www.webmd.com/oral-health/news/20130731/dental-health-dementia>
10. <http://oralhealth.deltadental.com/Adult/Habits/>
11. <http://mypennidentist.org/how-to-floss-properly/>
12. <http://www.ada.org/en/member-center/oral-health-topics/caries-risk-assessment-and-management>
13. <http://www.nnoha.org/resources/dental-dashboard-information/>

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Washington Dental Service Foundation

Community Advocates for Oral Health



*Creating Practical Solutions at the
 intersection of poverty, migration,
 and health*