

PREDICT

Patience-centered **Risk-** and **Evidence-based Dental**
Inter-professional **Care Team**

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Advantage Dental

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Background

- Dental caries is a communicable disease with significant public health implications afflicting children with low socioeconomic status
- Dental caries has marked socioeconomic, racial and rural disparities in disease prevalence and treatment
- Oral health disparities are deeply rooted in differences in the health care system and social and physical environment

Social and Economic Impacts of Oral Disease

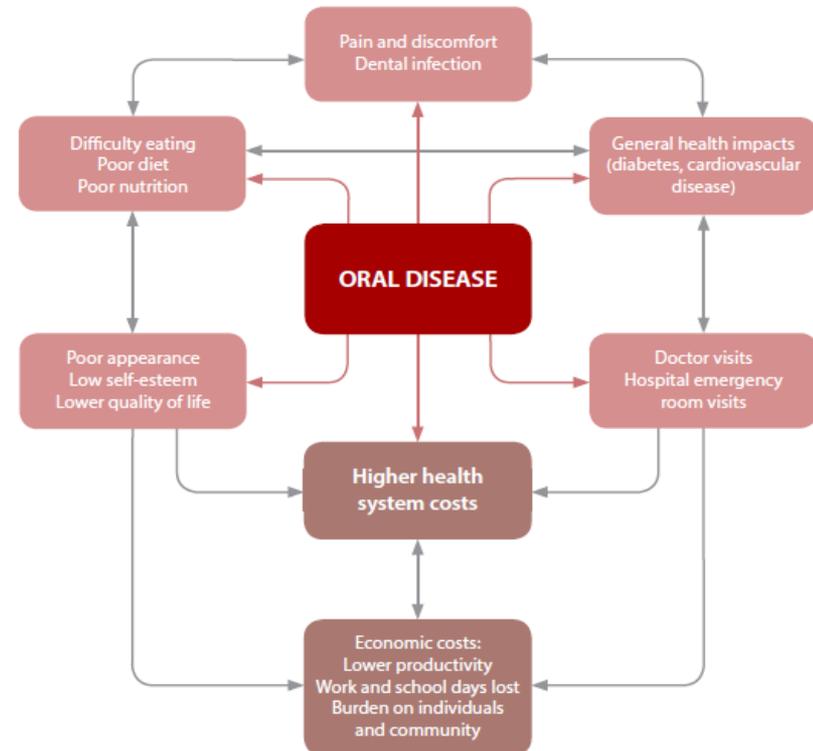


Chart adapted from J.G. Rogers, *Evidence-Based Oral Health Promotion Resource*. Prevention and Population Health Branch, Government of Victoria, Department of Health, Melbourne, 2011. Used by permission.

Strategic Plan for Oral Health in Oregon: 2014-2020

Project Aim

Reduce disparities by increasing the proportion of enrolled children, pregnant women and new mothers enrolled in the Oregon Health Plan who get care at an appropriate level compared to the control counties by:

- Developing delivery system changes – team provides evidence-based and risk-based care in nonconventional community settings (WIC, Head Start) and seamless, timely and appropriate care in dental offices
- Enhancing web-based data management system to coordinate care among the dental team
- Evaluating whether the changes result in reduced disparities in oral health and quality of care



Project Team

Advantage Dental



- Dr. Gary Allen
- Jeanne Dysert
 - Regional Manager
Community Liaison
- Sharity Ludwig
 - Regional Expanded Practice
Dental Hygienist
- Melissa Mitchell
 - Case Management

University of Washington

- Dr. Peter Milgrom
- Dr. Joana Cunha-Cruz
- Dr. Colleen Huebner
- Dr. Douglas Conrad
- Dr. JoAnna Scott
- Dr. Howard Baillit

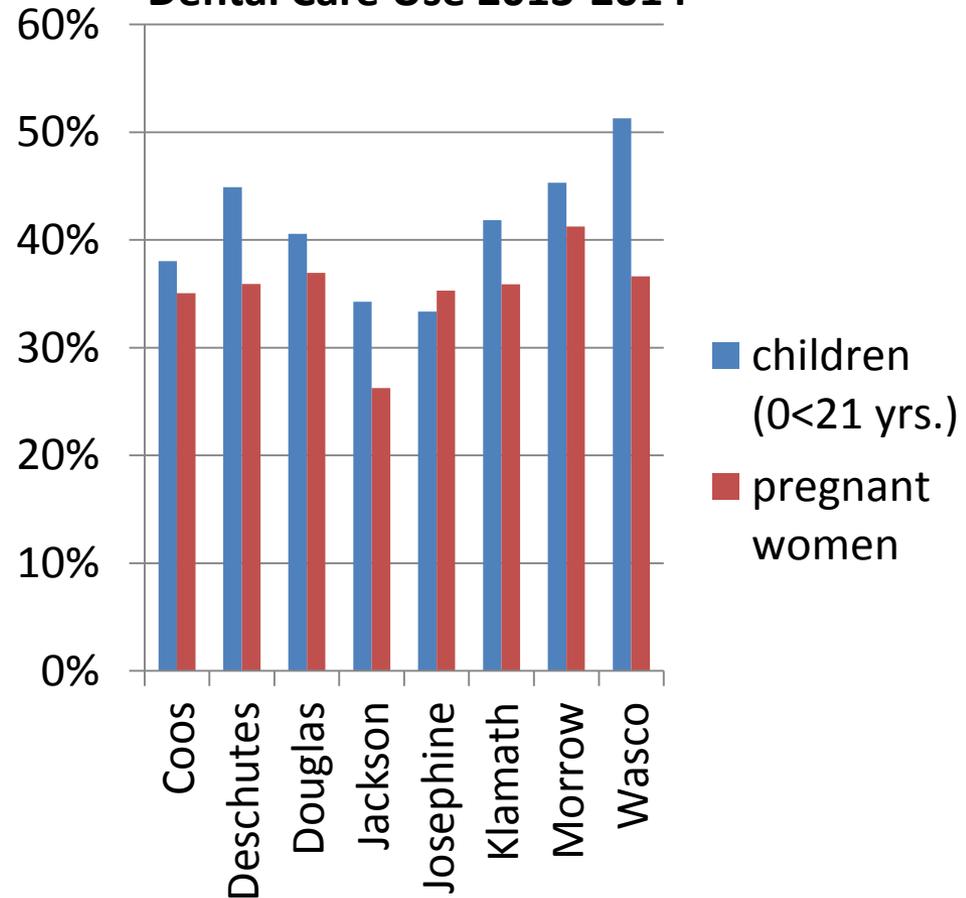
W UNIVERSITY of WASHINGTON SCHOOL OF DENTISTRY OFFICE OF RESEARCH

Northwest Center to Reduce
Oral Health Disparities

Project Measures

- Dental care: Increase the proportion of children, pregnant women and new mothers who receive at least one dental service annually
- Increase capacity by increasing the number of Expanded Practice Permit Dental Hygienists serving Oregon Health Plan members

Dental Care Use 2013-2014



Advantage Dental Services - Dental Service Utilization (Accessing Care study for RWJF grant) 10/1/2013 to 9/30/2014 ; enrolled for at least 90 days

Progress To Date and Next Steps

Progress to date

- **Delivery System**
 - Outlined needed system changes
 - Retained community liaison supervisor, EPDH supervisor and Regional Manager Community Liaisons
 - Developed job description for interdisciplinary teams
- **Monitoring and Evaluation**
 - Randomly selected control and test counties
 - Planned web-based data management system enhancements in the caries database, EHR and coordinated care tool

Next Steps

- **Delivery System**
 - Refine plan for delivery system changes
 - Hire/retain Expanded Practice Dental Hygienists
 - Develop staff training manual
- **Monitoring and Evaluation**
 - Develop routines to collect, analyze and report data
 - Develop manual of operations and evaluation report template
 - Execute the web-based data management system enhancements in the caries database, EHR and coordinated care tool