

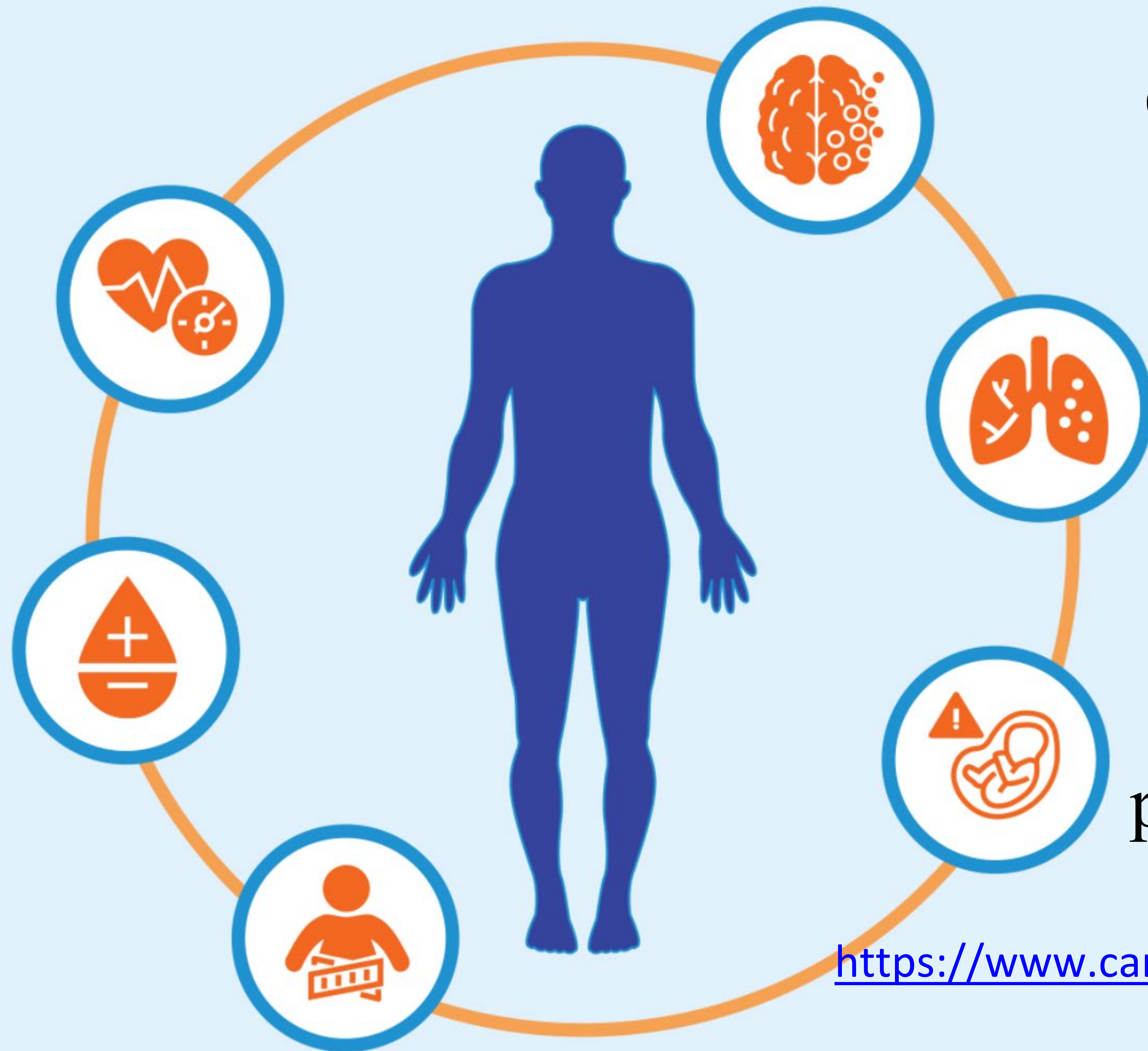
It's Not a Health Care Home without Oral Health



Deb Jacobi, Policy Director at Apple Tree Dental

August 13, 2024

Minnesota's northern lights



Oral health problems can contribute to a variety of other health problems, including high blood pressure, difficulty managing diabetes, risk of developing Alzheimer's disease, and pregnancy complications.

<https://www.carequest.org/topics/medical-dental-integration>

Former US Surgeon General C. Everett Koop: “You’re not healthy without good oral health”



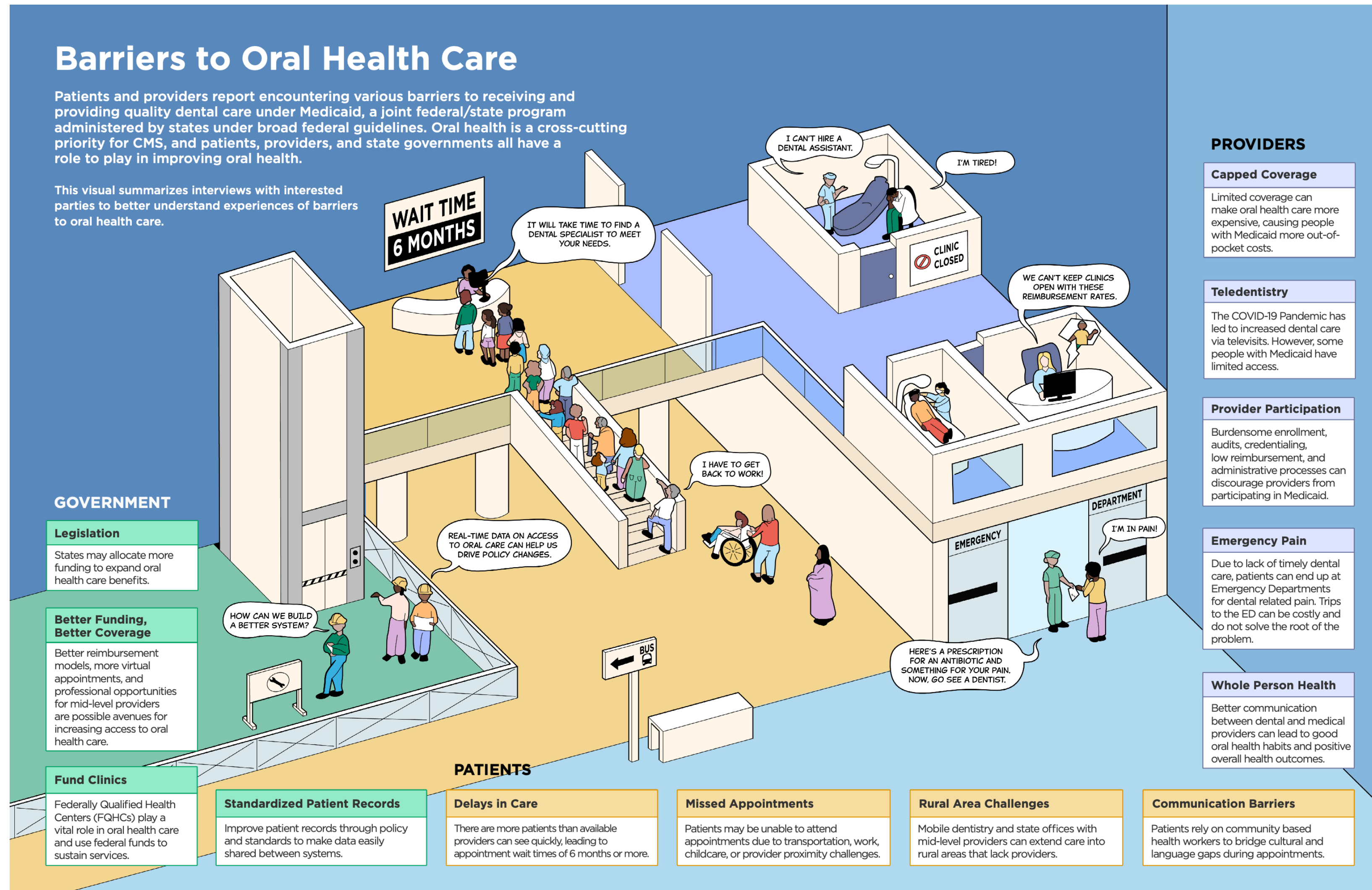
- The mouth *is* part of the body
- Dental care *is* health care

However, historically medical and dental have been siloed:

- Professional Education and Practice
- Policy and Payment

What's a whole person to do?

<https://www.cms.gov/priorities/key-initiatives/burden-reduction/about-cms-office-burden-reduction-health-informatics/barriers-oral-health-care-illustration>



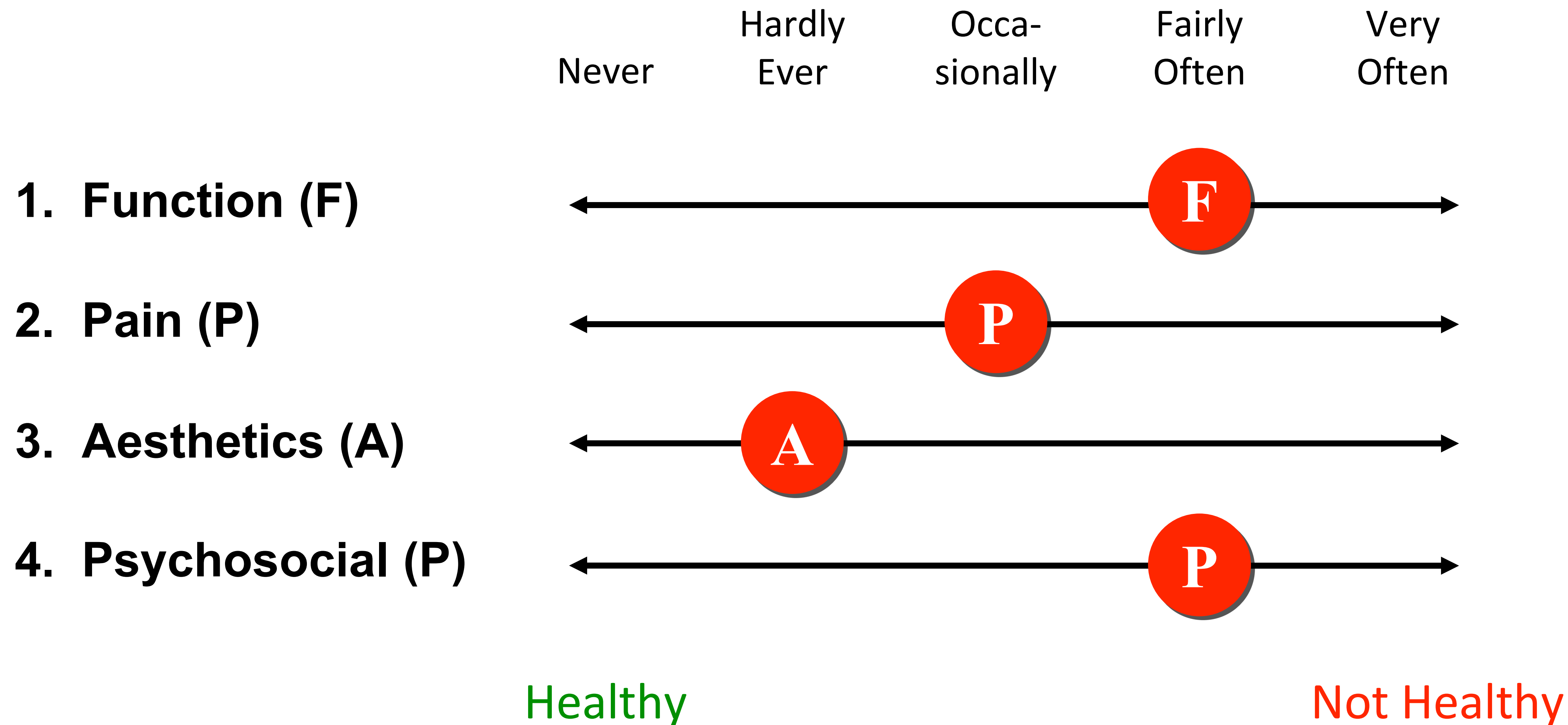
Community Collaborative Practice

- Fundamentally an interprofessional practice model
- Proactive oral health delivery to patients and communities with high needs
- Actively engaged with other health, education, and social services professionals
- Integrates dental care into health care homes

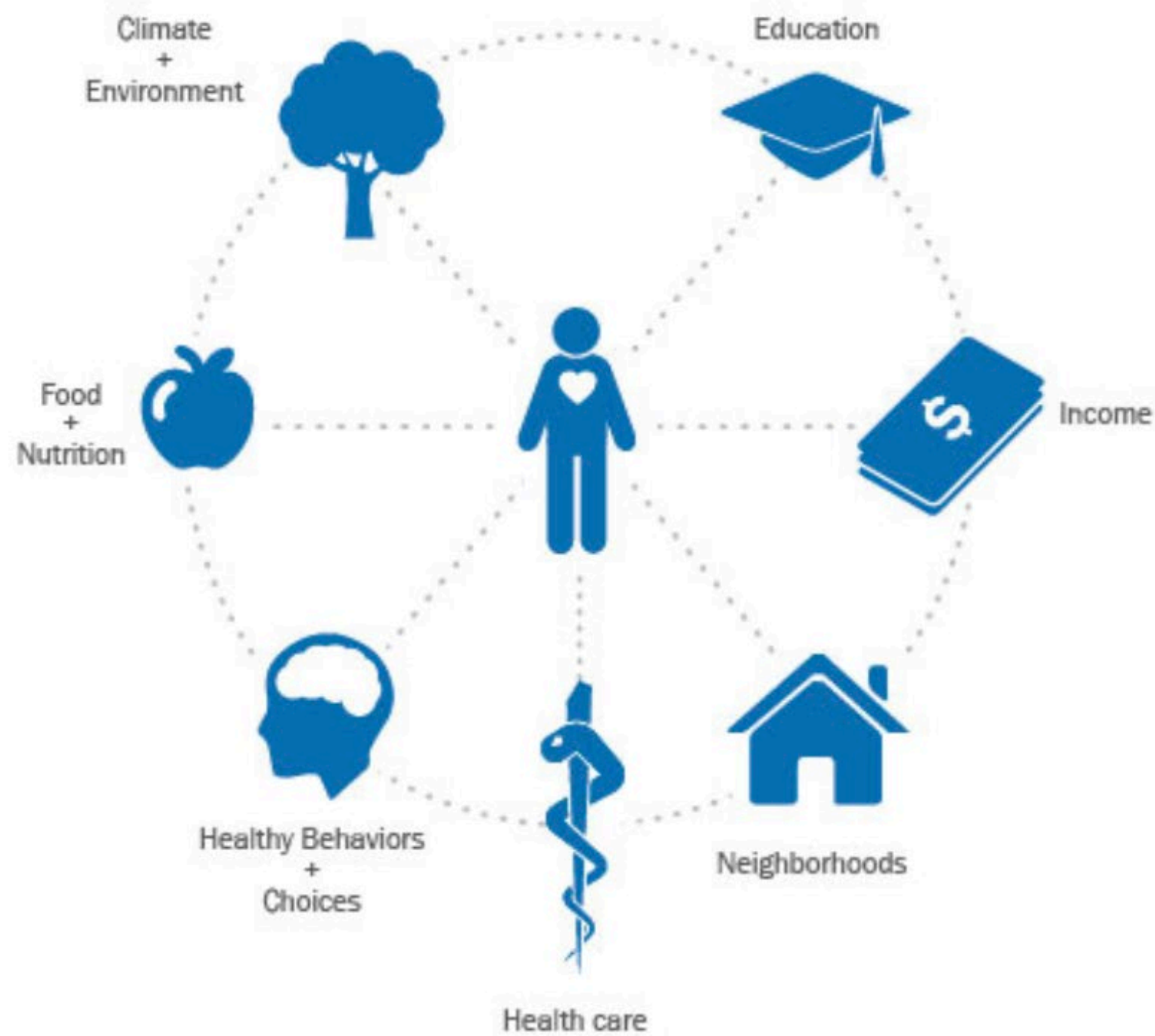


Patient Reported Outcomes - Oral Health Impact Profile

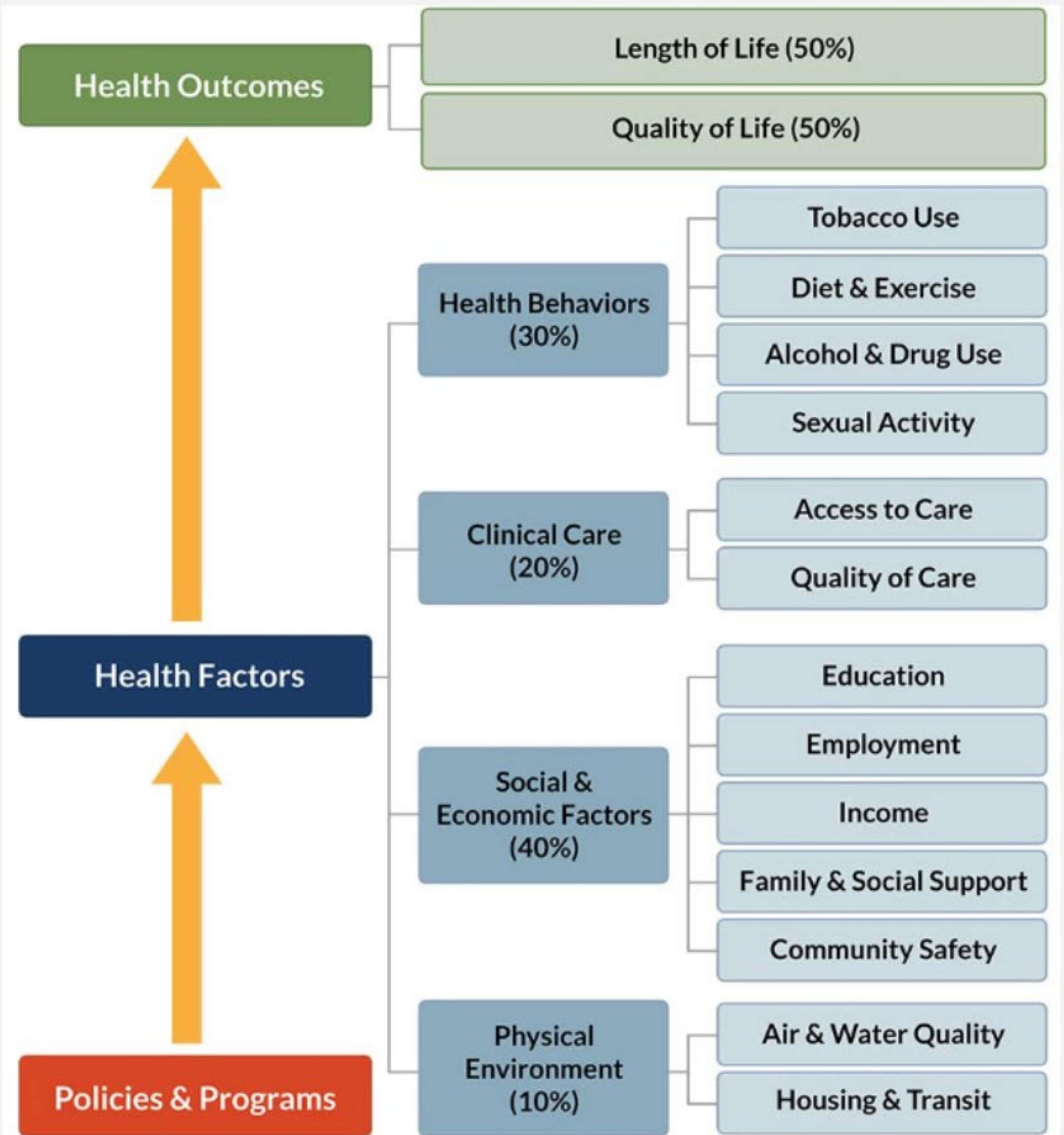
Oral Health Impact (OHIP-5)



We know **good health** depends on **many things**



Social, environmental and individual factors influence both our health and our ability to make healthy choices. Health care is only a small



County Health Rankings model © 2016 UWPHI

Figure 1 | County Health Rankings & Roadmaps | Source: Reprinted with permission from County Health Rankings & Roadmaps, <http://www.countyhealthrankings.org/our-approach> (accessed July 18, 2017).

Opportunities

to move towards what works

- Paradigm shift from surgical to medical management of tooth decay
 - prevention and minimally invasive approaches
- Medical Dental Integration for true Health Homes
 - Medical-Dental Integration Community Conversations
- Advocacy:
 - Minnesota Oral Health Coalition
 - Critical Access Dental Providers Association (CAD-Minnesota)



MINNESOTA STATE ORAL HEALTH PLAN 2020-2030

*Building Collaboration
for Collective Action*



Thank you!

djacobi@appletreedental.org



APPLE TREE DENTAL

Access • Compassion • Excellence

Resources for You

Minnesota Oral Health Coalition

The Minnesota Oral Health Coalition (MOHC) is a statewide organization dedicated to improving the oral health of Minnesotans by broadening and developing stakeholder engagement and collaboration.

The MOHC works to raise oral health to its rightful place within overall health, while solving oral health problems affecting all Minnesotans.

www.minnesotaoralhealthcoalition.org



Resources at Your Fingertips

- Early Childhood Dental Network
- Medical-Dental Integration Community Conversations
- Meet Your Mouth
- Get Your Head Out of the Gutter
- Fluoride Varnish Training & Parent/Guardian Videos
- 21st Century Dental Team & CDHP



Early Childhood Dental Network

- The Early Childhood Dental Network is a collaborative effort to educate children and their caregivers about the importance of oral health and to increase access to dental care for children ages 0-5 on Minnesota Health Care Programs or uninsured
- Join an ECDN near you!
- [Facebook page](#)



With Their Partners the ECDN is

- Supporting mobile outreach clinics to help increase the number of the region's children who receive dental care and who are served by Minnesota Health Care Programs
- Working with [Apple Tree Dental](#) and [Caring Hands Dentistry](#) to expand community-based dentistry and [Children's Dental Services](#) to create and expand school-based oral healthcare
- Working with high schools and colleges to increase the number of students entering the dental field
- Aiding medical clinics with implementing oral health screening during well-child exams
- Providing an oral health advocacy platform



Medical-Dental Integration Community Conversations

- First Wednesday of each month at noon
- Zoom
- Open to everyone
- Wide range of topics & presenters
- Link found on the Minnesota Oral Health Coalition **RESOURCES** website page



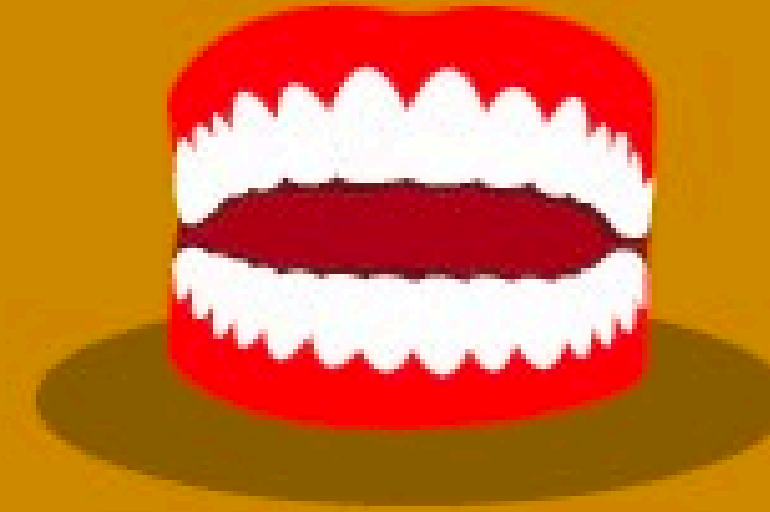
Meet Your Mouth

- Meet Your Mouth is a public awareness campaign aimed at a general audience
- The objective is to “introduce” people to the importance of oral health, particularly the correlation between oral health and overall health
- The featured message is that The Mouth is Part of the Body.
- Meet Your Mouth materials in English, Karen, Hmong, Russian, Somali, Spanish and Vietnamese
- 15 Meet Your Mouth Fact Sheets and 26 infographics



MEET YOUR MOUTH

IT'S PART OF YOUR BODY



Your Mouth and The Golden Years

Older adults are more vulnerable to oral health problems like tooth decay, cavities, gum disease, and oral cancers.

After decades of eating and drinking, your teeth and its enamel break down and become weaker.

- 96% of adults aged 65+ have a cavity
- 28% have untreated tooth decay
- 68% have gum disease

More Information



These ailments are even more likely if you are an older adult who smokes. Protect your teeth by going into the dentist twice a year, brushing every day with a fluoride toothpaste, flossing, using mouth wash, and alerting your dentist with any concerns you have about your teeth.

Oral health can become more strained with other health conditions, such as diabetes, chronic smoking, heart disease, and others.

Your Mouth and Diabetes

People with diabetes have a higher chance of having periodontal (gum) disease, an infection of the gum and bone that hold the teeth in place.

MEET
YOUR
MOUTH



IT'S PART OF
YOUR BODY!

Get Your Head Out of the Gutter

- Public information campaign
- Promoting HPV Vaccination
- Aimed at parents/guardians, CHW, social workers, educators, medical & dental, etc.
- 8.5 X 11 inch flyers
- Deck Cards
- Infographics for social media, newsletters and email





**GET YOUR HEAD
OUT OF THE GUTTER**

HPV, or human papillomavirus, is a common virus that can cause six cancers later in life. You can protect your child from these cancers with HPV vaccine beginning at age 9 years.

HPV infections are very common. Nearly everyone will get HPV at some point in their lives.

HPV vaccination can prevent over 90% of cancers caused by HPV.

HPV can cause cancers of the: Cervix, vagina, and vulva in women, penis in men, anus in both men and women, back of the throat, including the base of the tongue and tonsils (oropharynx), in both men and women.

*It's about protecting our children
It's not about sex*



THE HPV VACCINE IS ABOUT CANCER PREVENTION

HPV Vaccine

- HPV vaccine is recommended for routine vaccination at age 11 or 12 years. (Vaccination can be started at age 9.)
- ACIP also recommends vaccination for everyone through age 26 years if not adequately vaccinated when younger.
- HPV vaccination is given as a series of either two or three doses, depending on age at initial vaccination.
- For adults ages 27 through 45 years, clinicians can consider discussing HPV vaccination with people who are most likely to benefit.



Fluoride Varnish Videos



MINNESOTA
ORAL HEALTH
COALITION

Fluoride Varnish Parent/Guardian Videos

- English
- Somali
- Hmong
- Karen
- Oromo
- Spanish
- Arabic
- Amharic
- Tagalog
- Swahili
- Ojibwa
- Russian
- French
- Mandarin
- Anuak
- Georgian
- Dari
- Ukrainian
- Laotian
- Vietnamese
- Pashto

Found on the MOHC YouTube Channel

Website

TOWARD ACCESS FOR ALL



MINNESOTA

21ST CENTURY DENTAL TEAM

*Bridging goals...
to strategies...to implementation*

Collaborative Dental Hygiene Practice

- Collaborative dental hygiene practice (CDHP) in community settings (Minnesota Statutes 150A.10, Subd. 1a) authorizes Minnesota licensed dental hygienists to practice within a community-focused model resulting in more people with access to preventive services and in finding a dental home.
- Dental hygienists can effectively provide "coordinated care" to under-resourced populations in non-traditional health care settings.
- The CDHP workforce model was authorized by the Minnesota Legislature in 2001.
- Services may be performed by the dental hygienist **without the presence of a dentist and without a prior exam of the patient by a dentist.**

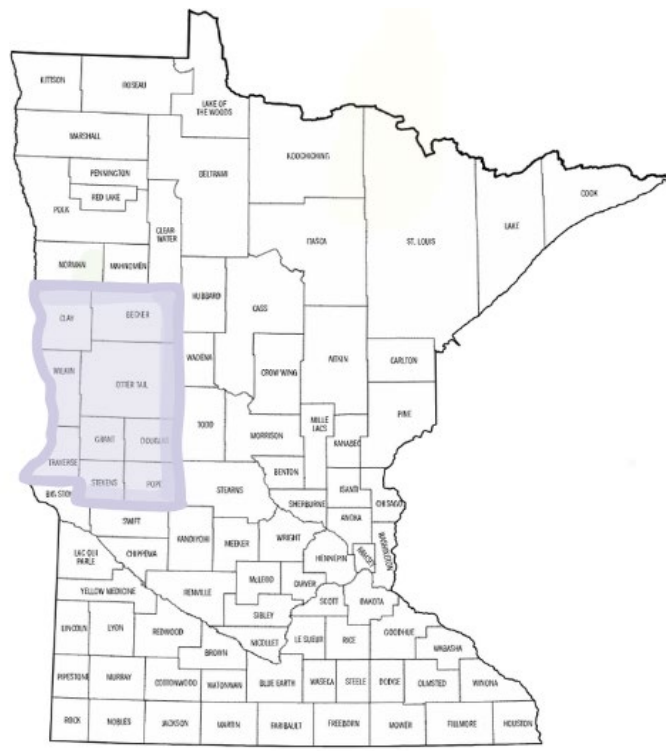


Join the Minnesota Oral Health Coalition

- Open to all
- Newsletters
- Notice of materials, resources, events, educational opportunities and more
- YouTube Channel
- Social Media; LinkedIn, Instagram, Facebook

www.minnesotaoralhealthcoalition.org

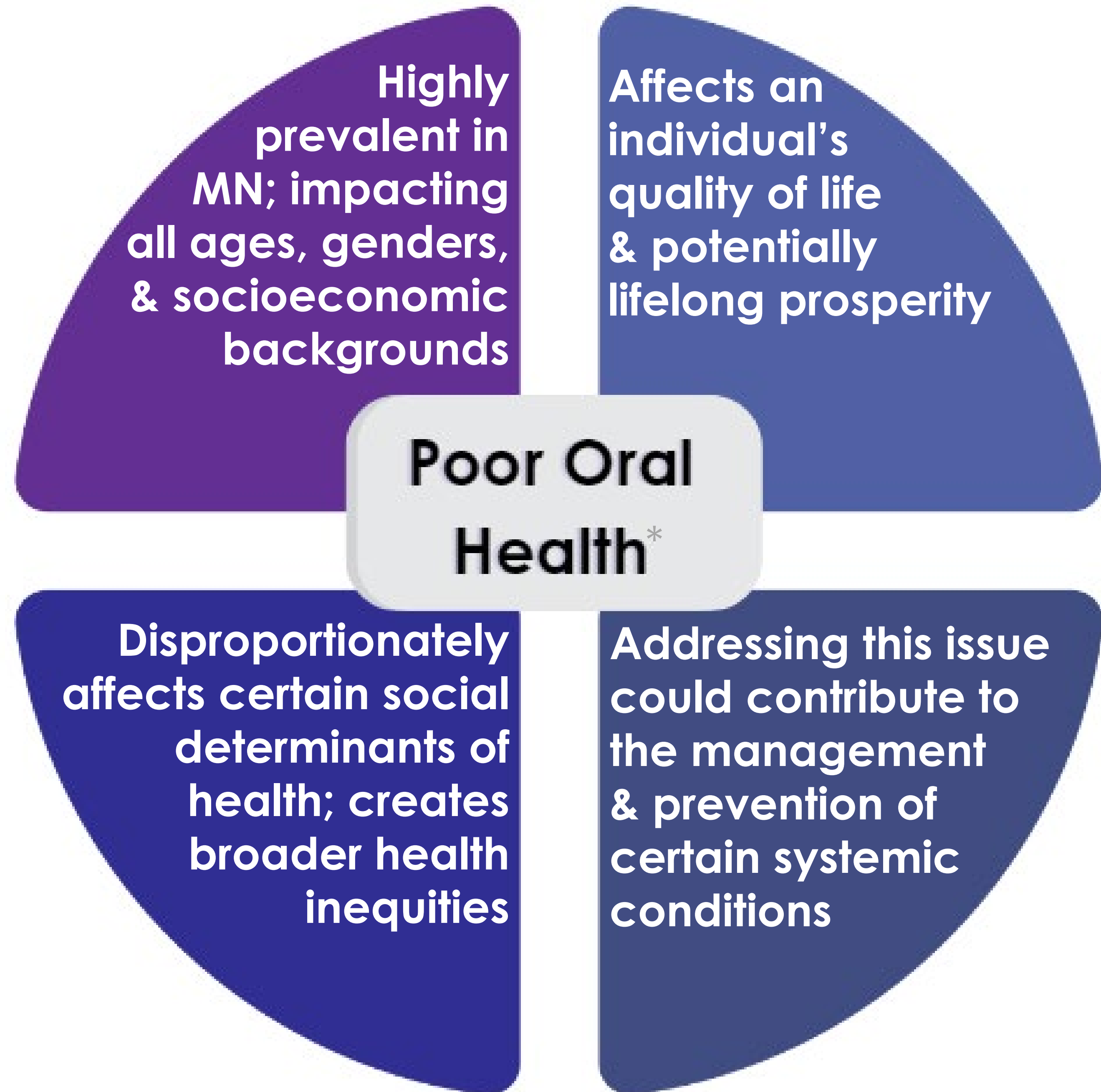




JANE NEUBAUER

Region **4** Dental
Innovations Coordinator

Poor Oral Health: a Public Health Crisis



* CDC Oral Health Disparities

Poor Oral Health: Early Childhood Development & Dental Disease

- **Cavities** are the most common chronic disease of childhood in the United States.
- **Untreated cavities** can cause pain and infections, leading to difficulties with eating, speaking, playing, and learning.
- **Children with poor oral health** often miss more school and receive lower grades compared to their peers who maintain good oral health.*



State of Children's Oral Health – National Data

- >51 million school hours are missed each year due to dental-related illness
- Over 164 million work hours are lost annually due to dental disease
- Pediatric dental disease is a primary reason for emergency room visits for children
- ~17 million children in America have no dental care each year.



Systems & Policy Change Strategies

Designated Community Support

- Child & Teen Check-up Program: oral health collaborations
- Incorporating oral health care & prevention as part of newborn & early childhood home visiting programs + well child visits
 - Providing additional support & resources regarding oral health
- Educating employers on impacts of oral health to workforce
 - & the importance of dental insurance coverage

State & Local Partnerships: SHIP Programs & School Wellness Committees

- Providing oral health resources & support for School Nurses & staff
- Adding 'Oral Health' to Schools' annual Wellness Workplans & District-wide policies:
 - **4 districts** have imbedded these policies
 - *more pending*
- Vaping education & Positive Community Norms social media campaign for vaping cessation

Poor Oral Health: Region 4 Initiatives

3rd Annual Dental Education Collaboration:

1 dental innovation coordinator
+ 6 dental providers
+ 24 schools

= over 5,000 children

visited in early 2024



***“We had a great day of education yesterday at Rossman.
Thanks again for everything. Georgia does a fantastic job!”***

-Detroit Lakes School Nurse

Regional Collaborations: Usual Partnerships

Community Partnerships:

- primary health centers
- mobile clinics
- early childhood education schools



Regional Collaborations: Unusual Partnerships



Jail Project

- Navigating multiple systems to connect care
- opioid epidemic and emergency room presentations
- re-routing the path to reduce drug-seeking habits

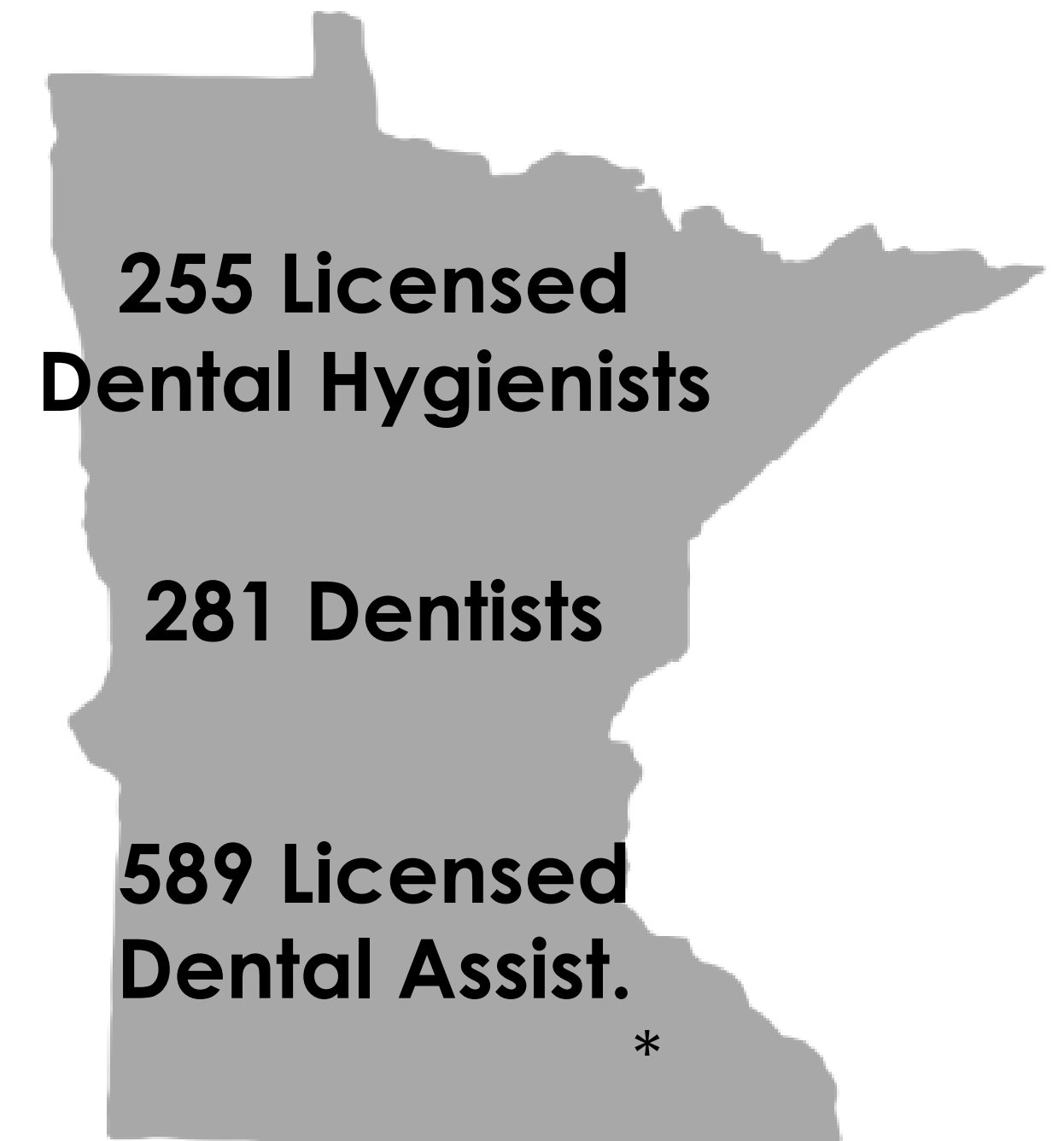
Addressing Poor Oral Health: Workforce Challenges

Regional & Statewide Dental Assistant Workforce Project: Flexible Staffing Model

The objective of the expanded Flexible Staffing concept is to incrementally increase the dental workforce by utilizing **all areas of the dental workforce** to help offset the increased need for dental professionals created by this project

Region 4: Example

The Dental Innovation Coordinator recognized the functionality of this flexible staffing model in one clinic and shared it with another



* Estimates using data from *Minnesota Dental Workforce: Reports*, MDH 2019

Top 10 Strategies for Promoting & Improving Oral Health

- 1) Prevention: ***“An ounce of Prevention is Worth a Pound of Cure.”*** (Benjamin Franklin)
- 2) Education - ***“Education is the most powerful weapon which you can use to change the world.”*** (Nelson Mandela)
- 3) Collaboration: ***“Coming together is a beginning; staying together is progress; and working together is success.”*** (Henry Ford)
- 4) Pediatricians, primary care physicians and many others have an opportunity to increase their knowledge of children's oral health, incorporate it into their daily clinical routine, and improve the overall health of children. ***Assign someone to attend the monthly Medical-Dental Community Conversations!***
- 5) ***Encourage Dental Visits by Age 1:*** Early identification of dental concerns can eliminate most dental diseases in the future.

Top 10 Strategies for Promoting & Improving Oral Health

- 6) **Educate** about the importance of fluoride: Fluoride provides a key role in preventing and controlling caries.
- 7) Promote good oral health and healthy eating from birth. Good oral health and nutrition habits start with young children,.
- 8) Seek and Offer resources: Help families with young children find dental care, especially those utilizing Minnesota Health Care Programs.
- 9) Support and initiate mobile dental clinics in your community which are offered through local, regional and statewide non-profit dental providers.
- 10) Get engaged. We have the Minnesota Oral Health Coalition – ***use it and join it!***

