

# National *Interprofessional Initiative* on Oral Health

*engaging clinicians,  
eradicating dental disease*

## A *Systems* Change Initiative Advancing Interprofessional Education and Integrated Oral Health Care

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Deamonte Driver, 12  
Died February 25, 2007



*Initiative activities are made possible as a result of funding from the DentaQuest Partnership for Oral Health Advancement and the Arcora Foundation*

# How Did We Get Here?

108 Million

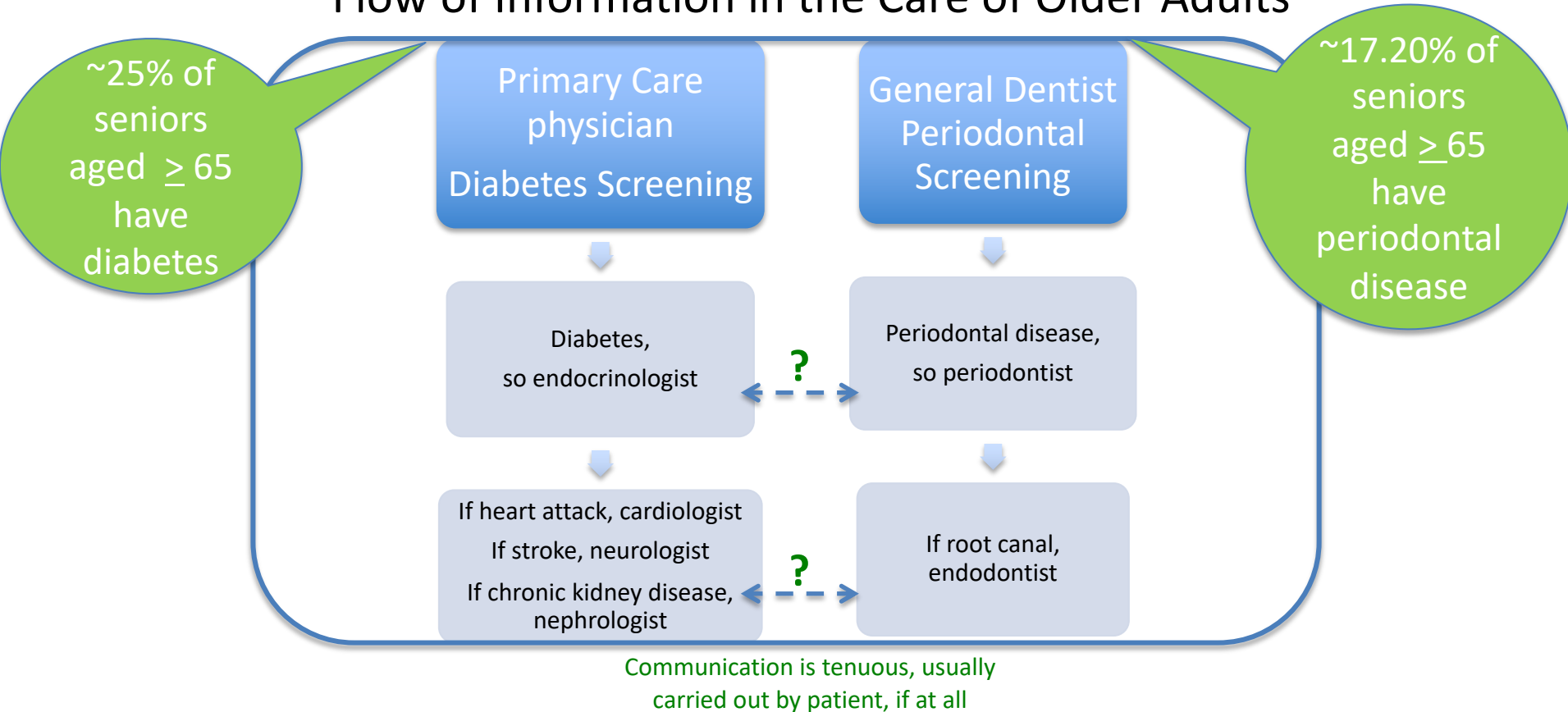
People visit a medical provider but  
not a dental provider



27 Million

Visit a dental provider but  
not a medical provider

# Flow of Information in the Care of Older Adults

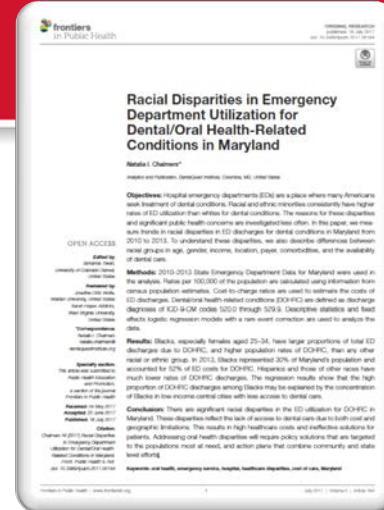
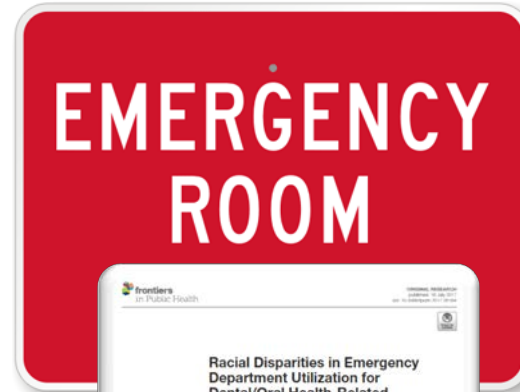
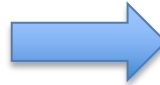




## The Oral Health Needs of Oral Health of Older Adults (> 65)?

- Nearly 1 in 5 have **untreated tooth decay**
- About 2 in 3 (68%) have **gum disease**
- Nearly 1 in 5 **are edentulous**
- Most take both prescription and over the counter drugs, which can cause **dry mouth** increasing risk of cavities
- The median age of **oral cancer diagnosis** is 62

# Health Professional Shortage Areas



Two-thirds of Medicare recipients don't have dental coverage

# Who, What and Why – NIIOH 2009

**Consortium:** *Funders, health professionals + national organizations*  
**Vision:** *Eradicate dental disease*  
**Mission:** *Engage primary care team*  
**Focus:** *Integrate oral health into primary care education + practice*

## **The Short Answer**

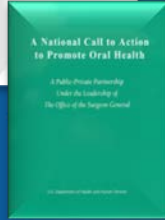
*NIIOH is a systems change initiative that provides “Backbone Support” and facilitates interprofessional agreement and alignment to ready an interprofessional oral health workforce for whole person care*

# The Opportunity for Change

Interprofessional Competencies  
The “What” and  
“How”

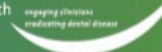


2020  
Surgeon  
General  
Report



MOVEMENT

National Interprofessional Initiative  
on Oral Health

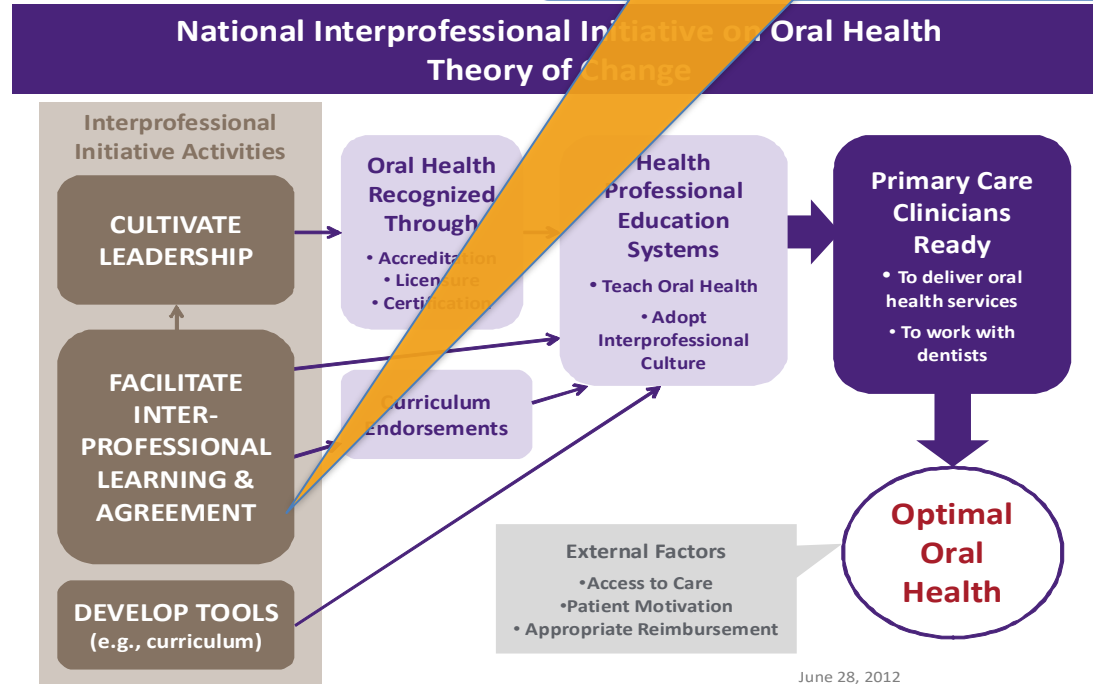


CHANGE

Collective Impact

# Theory

# Collective Impact



Support, align and connect partner efforts to integrate oral health into education and practice.



# Smiles For Life

**Smiles for Life**  
A national oral health curriculum

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Welcome

**Smiles for Life: A National Oral Health Curriculum**

Smiles For Life produces educational resources to ensure the integration of oral health and primary care

 **LEARN ONLINE**

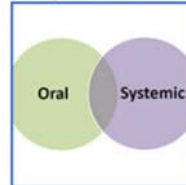
 **TEACH CURRICULUM**

**Answering the Call: Joining the Fight for Oral Health**

Watch this informative and inspiring video which outlines both the challenge and progress in improving oral health as a vital component of effective primary care. Click the full screen icon in the bottom right hand corner of the video thumbnail to view a full-sized. This video is approximately seven minutes in length.

An extended version (21 minutes) of this documentary is also available.

## Relationship of Oral & Systemic Health



**COURSE 1**

## Child Oral Health



**COURSE 2**

## Adult Oral Health



**COURSE 3**

## Acute Dental Problems



**COURSE 4**

## Pregnancy & Woman's Oral Health



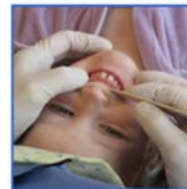
**COURSE 5**

## Caries Risk Assessment Fluoride Varnish & Counseling



**COURSE 6**

## The Oral Exam



**COURSE 7**

## Geriatric Oral Health

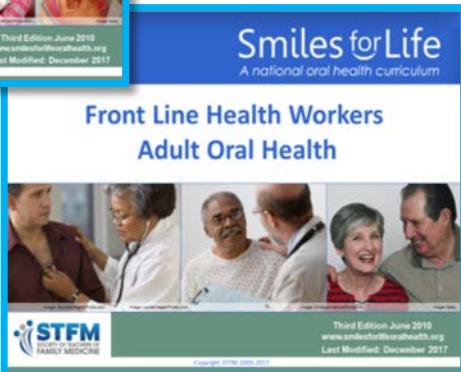


**COURSE 8**

# Resources



## Resources



# Facilitate Interprofessional Agreement

20

Endorsing organizations  
representing

Medicine  
PA's  
Nursing  
Dentistry  
Dental Hygiene  
Pharmacy  
Community Health Centers  
And More!



**Smiles for Life**  
A national oral health curriculum

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History Our Team **Endorsers** Supporters Citation FAQs Utilization Privacy Policy SFL Research Awards

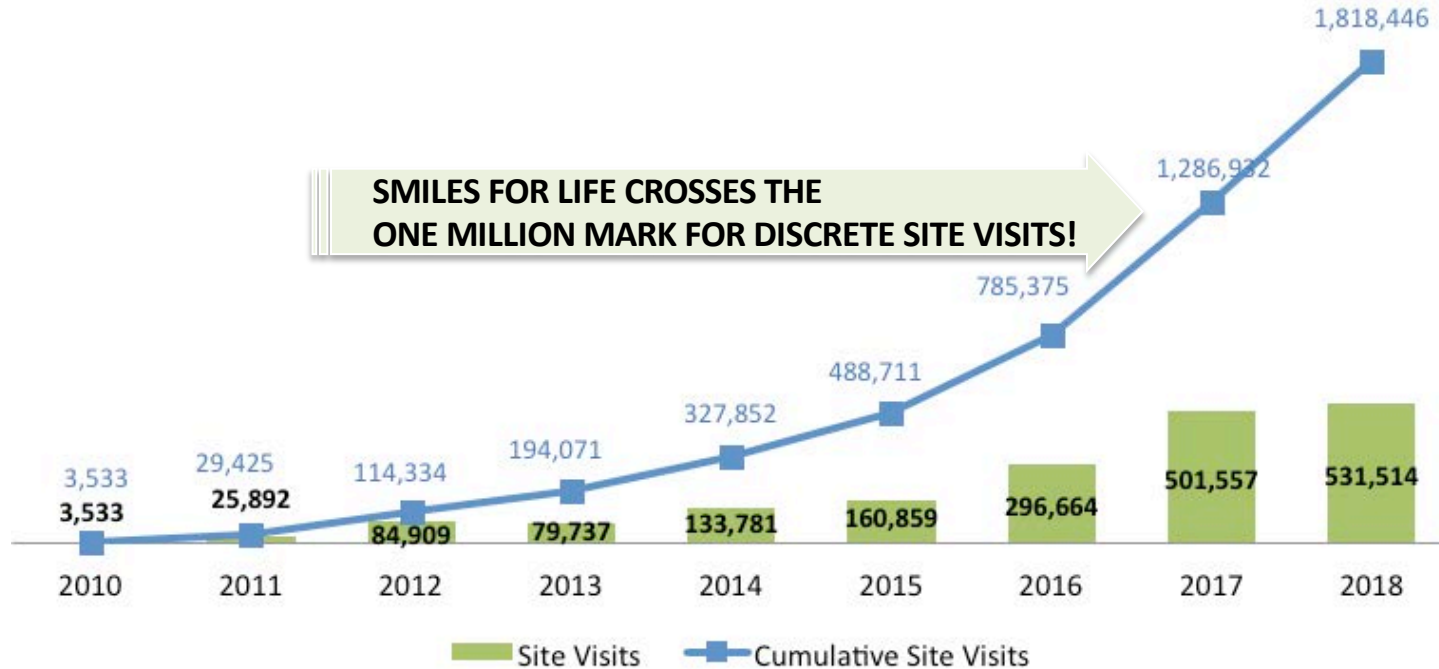
**Endorsed By**

Each course in the Smiles for Life suite is endorsed by the following healthcare organizations who support the role of primary care clinicians in promoting good oral health:

 AMERICAN ACADEMY OF FAMILY PHYSICIANS STRONG MEDICINE FOR AMERICA American Academy of Family Physicians	 NATIONAL ASSOCIATION OF Community Health Centers National Association of Community Health Centers	 STFM SOCIETY OF TEACHERS OF FAMILY MEDICINE Society of Teachers of Family Medicine	 AFPNP ASSOCIATION OF FACULTIES OF PEDIATRIC NURSE PRACTITIONERS Association of Faculties of Pediatric Nurse Practitioners
 AAPA American Academy of Physician Assistants	 adha American Dental Hygienists' Association American Dental Hygienists' Association	 PAEA PHYSICIAN ASSISTANT EDUCATION ASSOCIATION Physician Assistant Education Association	 American Association of Public Health Dentistry American Association of Public Health Dentistry
 astdd Where oral health lives The Association of State and Territorial Dental Directors	 AMERICAN COLLEGE of NURSE-MIDWIVES "With resources, for a lifetime" American College of Nurse-Midwives	 ADA American Dental Association® America's leading advocate for oral health American Dental Association	 Pediatric Nurse Practitioners National Association of Pediatric Nurse Practitioners
 NONPF The National Organization of Nurse Practitioner Faculties	 NASN National Association of School Nurses National Association of School Nurses	 AMERICA'S PEDIATRIC DENTISTS THE BIG AUTHORITY ON LITTLE TEETH American Academy of Pediatric Dentistry	 aacom® AMERICAN ASSOCIATION OF COLLEGES OF OSTEOPATHIC MEDICINE American Association of Colleges of Osteopathic Medicine
 Academy of General Dentistry™ Academy of General Dentistry	 American Academy of Pediatrics DEDICATED TO THE HEALTH OF ALL CHILDREN™ American Academy of Pediatrics	 GAPNA Gerontological Advanced Practice Nurses Association Gerontological Advanced Practice Nurses Association	 AACP American Association of Colleges of Pharmacy Discover • Learn • Grow • Improve Health™ American Association of Colleges of Pharmacy

# Smiles for Life Discrete Site Visits<sup>1</sup>

Discrete Site Visits  
2010 - 2018



Since the site launched in June 2010, there have been:

- **102,082** registered users
- **299,0412** courses completed for CE credit
- **51,872** modules downloaded by educators

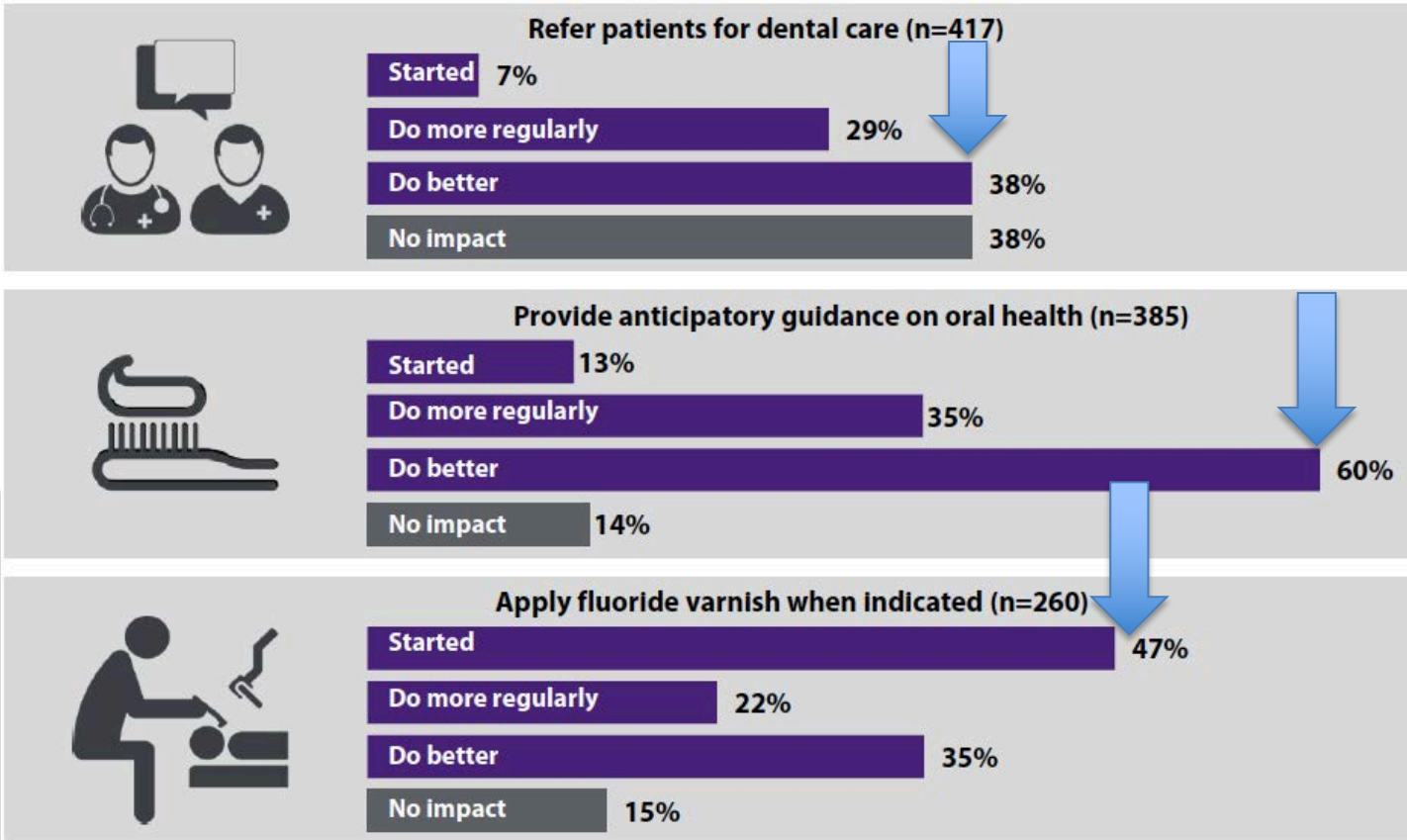
# Smiles for Life Survey

## Key Question:

- How does Smiles for Life influence practice?
  - Providers reported that SFL influenced their practice of oral health activities in one or more of the following ways:
    - Led them to start performing oral health activities
    - Allowed them to perform oral health activities more regularly
    - Helped them perform oral health activities better



# Influence on 6 Key Activities

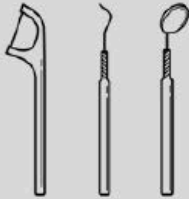
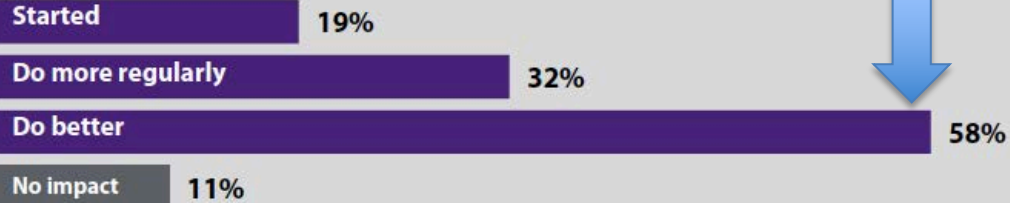




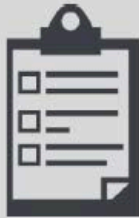
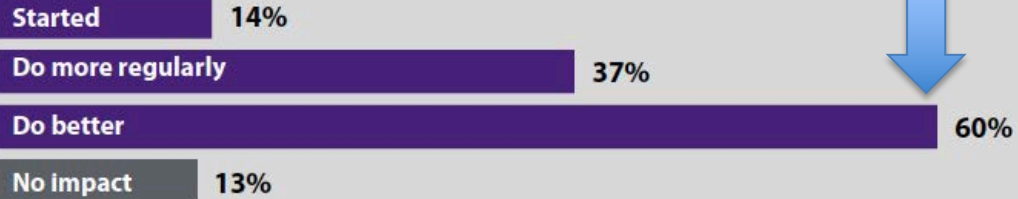
# Influence on 6 Key Activities



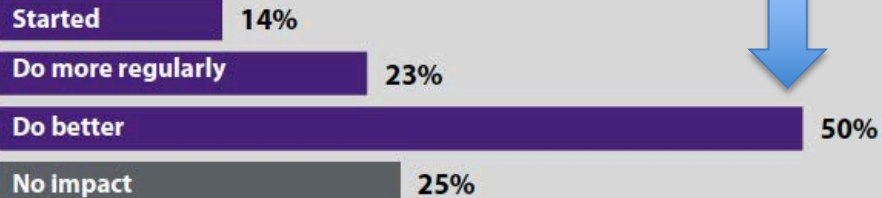
## Conduct caries risk assessments (n=248)

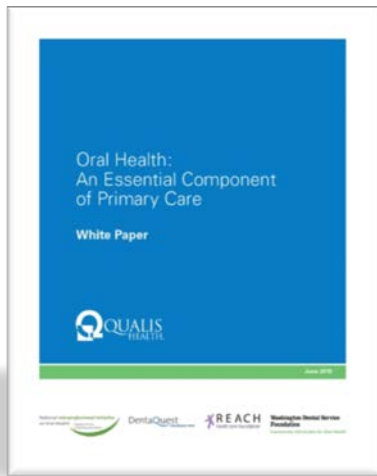


## Conduct annual oral exams with patients (n=203)



## Conduct oral cancer screening exams (n=95)



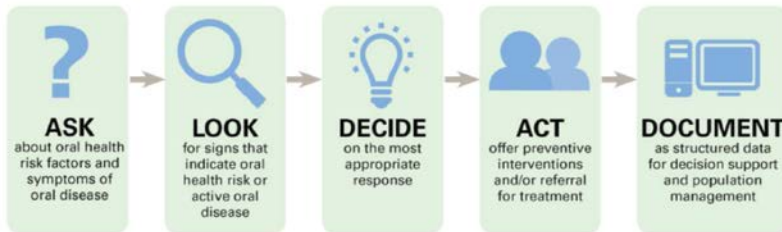


Published  
June 2015

# Oral Health: An Essential Component of Primary Care

## Oral Health Delivery Framework

5 actions primary care teams can take to protect and promote their patients' oral health. Within the scope of practice for primary care; possible to implement in diverse practice settings.



Preventive interventions: Fluoride therapy; dietary counseling to protect teeth and gums; oral hygiene training; therapy for substance use; medication changes to address dry mouth; chlorhexidine rinse.

Citation: Hummel J, Phillips KE, Holt B, Hayes C. Oral Health: An Essential Component of Primary Care. Seattle, WA: Qualis Health; June 2015



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# Field-Testing a Conceptual Framework

Develop

Test

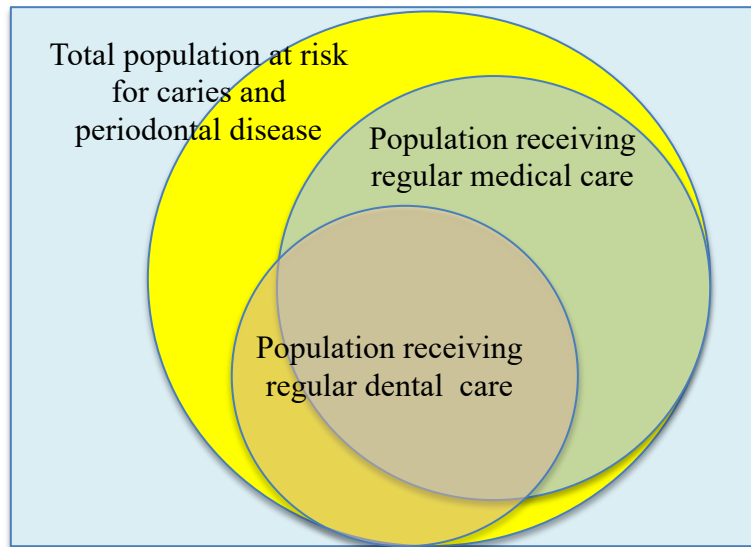
Improve

Disseminate

19 diverse healthcare delivery organizations: Private practices, Federally Qualified Health Centers; medical only and on-site dental

Adults with diabetes (12), pediatrics (5), pregnancy (1), adult well visits (1)  
eCW (5), EPIC (8), NextGen (2), Centricity (2), Success EHS (2)

Using population  
health to address  
“missed opportunities”



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# Field-Testing Results Informed the Creation of the Implementation Guide and Tools

## “Oral Health Integration Implementation Guide”

Toolkit for primary care teams (Released 10/10/16)

### What’s in the Guide?

- Workflow maps
- Referral agreements
- Patient engagement strategies
- Patient/family education resources
- EHR templates
- Case examples
- Impact data and more



Resources available at:

<http://www.safetynetmedicalhome.org/change-concepts/organized-evidence-based-care/oral-health>

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# What we have learned

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- Organizational change process requires **system-wide intervention**
- Having the **right people, right place, right reason** can change ideas and practice
- A key is having the **right tools and strategies** to impact knowledge, skills and attitudes of providers
- We cannot achieve our vision of “**oral health for all**” unless we change our approach to oral health care
- **Integration and collaboration is key**, we can't do this alone



## Where Do We Go From Here?

We need to move beyond symptoms of health disparities to aiming policy and funding at changing the structure that creates those disparities

We need to continue to work together to create a shared vision for whole person care across medical and dental silos and define shared performance measures that can catalyze new evaluation strategies with a focus on prevention, value and population health.

Many Thanks to  
Our Legacy  
Funders

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**DentaQuest** 