COMMUNITY ORAL HEALTH TRANSFORMATION (CORHT) COMMUNITY CALL

Introducing the Three Domains Framework

January 19, 2021

DentaQuest®
Partnership
for Oral Health Advancement

Welcome, Health Center Teams!

Lower Lights Christian Health Center

Five Rivers Health Centers

CAA Community Action Agency of Columbiana County
HELPING PEOPLE. CHANGING LIVES.

city of CINCINNATI HEALTH DEPARTMENT

Rocking Horse Community Health Center

Care Alliance Health Center

DESERT SENITA COMMUNITY HEALTH CENTER
Quality, Local, Affordable Health Care for All

NOAH
Neighborhood Outreach Access to Health

SUNSET HEALTH

CHIRICAHUA COMMUNITY HEALTH CENTERS, INC.
HEALTH FOR ALL

MHC Healthcare
Quality healthcare with a heart!

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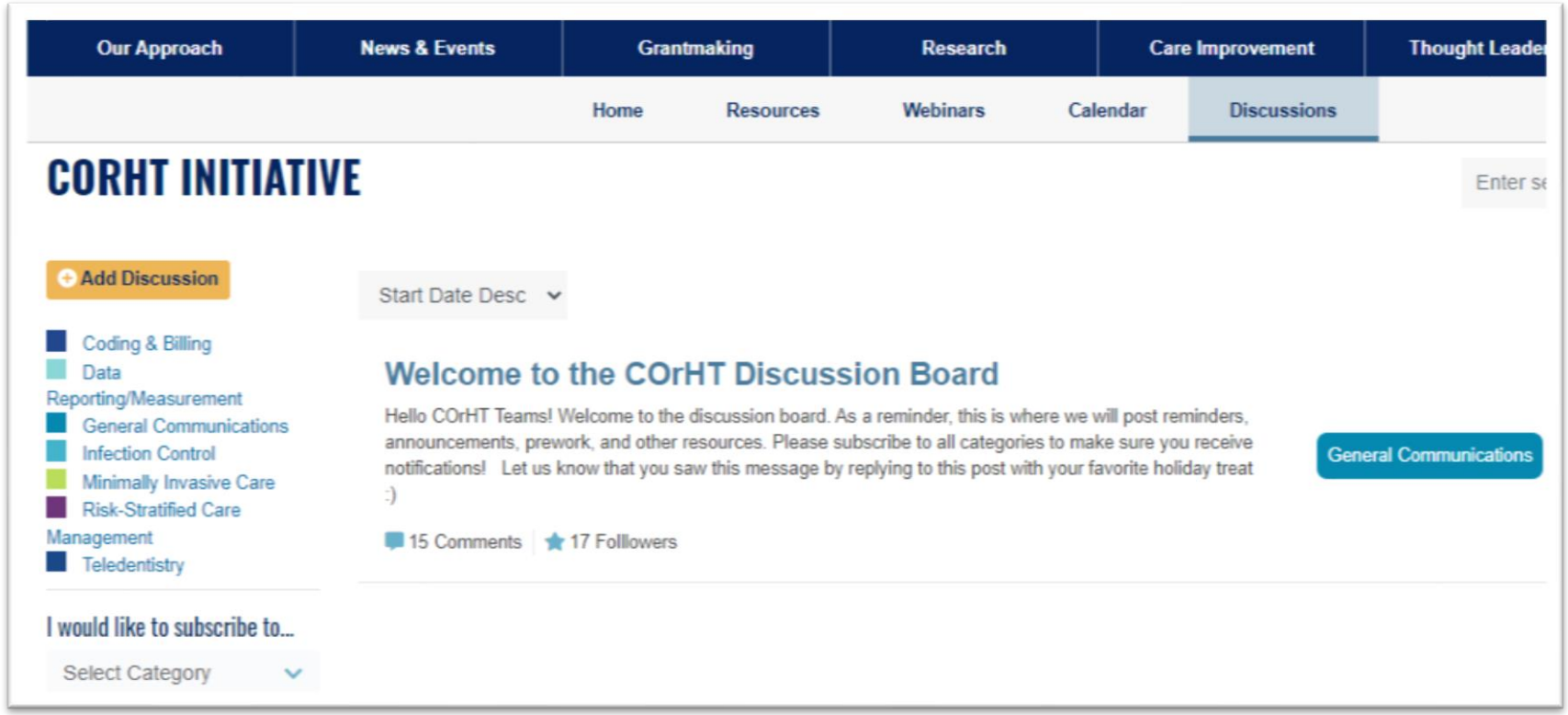
Thank you for posting on the Discussion board!



…and we apologize for the bug resulting in duplicate comments

Meantime fix: Once you click comment, wait a bit so it can [slowly] process and post once

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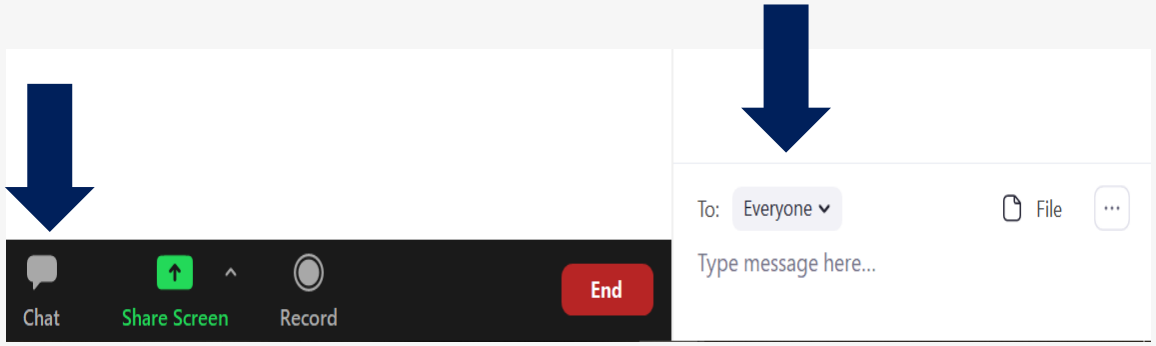
Session Participation and Zoom Features

CHAT



Mute On Entry

Turn Video On

Find this under ‘Resources’ in the online hub

GLOSSARY OF TERMINOLOGY

Term	Definition	Plain Language	Reference
Oral Health	A fundamental component of health, physical and mental well-being, oral health is multi-faceted and includes the ability to speak, smile, smell, taste, touch, chew, swallow and convey a range of emotions through facial expressions with confidence and without pain, discomfort and disease of the craniofacial complex.	Oral health is a key indicator of overall health, well-being and quality of life. Oral health can include but often extends beyond conditions of disease.	FDI World Dental Federation https://www.fdiworldental.org/oral-health/fdi-definition-of-oral-health
Dentistry	Dentistry is defined as the evaluation, diagnosis, prevention and/or treatment (nonsurgical, surgical or related procedures) of diseases, disorders and/or conditions of the oral cavity, maxillofacial area and/or the adjacent and associated structures and their impact on the human body; provided by a dentist, within the scope of their education, training and experience, in accordance with the ethics of the profession and applicable law.	The evaluation, diagnosis, and treatment of conditions in the oral cavity.	American Dental Association https://www.ada.org/en/education-careers/careers-in-dentistry/general-dentistry
Preventistry	Prioritizes preventive care, focuses on value over volume and uses technology to increase access and transform health care systems leveraging four components: care, value, innovation, and transformation.	Dental care that prioritizes prevention and whole-person health.	DentaQuest Partnership for Oral Health Advancement https://dentaquest.com/oral-health-resources/preventistry/
Disease Management	The concept of reducing health care costs and improving quality of life for individuals with chronic conditions by preventing or minimizing the effects of the disease through integrated care. Disease management includes a system of coordinated heath care interventions and communications for defined patient populations with conditions where self-care efforts can be implemented.	Minimizing and managing disease processes using integrated care that empowers patients to stay healthy.	Academy of Managed Care Pharmacy https://www.amcp.org/about/managed-care-pharmacy-101/concepts-managed-care-pharmacy/disease-management
Population Health	The health outcomes of a group of individuals, including the distribution of such outcomes within the group. Population health includes health outcomes, patterns of health determinants, and policies and interventions that link these two.	The health outcomes of a group of individuals, including the distribution of such outcomes within the group.	American Journal of Public Health https://ajph.aphapublications.org/doi/full/10.2105/AJPH.93.3.380
Population Health Management	A systematic process of utilizing data on patient populations to target interventions for better health outcomes at lower cost, with a better care experience.	Systems targeting interventions for the best	National Association of Community Health Centers http://www.nachc.org/wp-

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Agenda

01 **Introducing the Three Domains**

02 **Sharing Experience: The Dimock Center**

03 **Discussion & Taking Action**

04 **Wrap Up & Next Steps**

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Today's Clinical Experts

Sean Boynes, DMD, MS
VP of Health Improvement
DentaQuest Partnership

Sharity Ludwig, EPDH, MS
Director of Clinical Innovations
Advantage Dental

Shireen Khan, DMD, BDS, BSc
Dental Director
The Dimock Center

Discussion Board Prework Questions: Reflection

- Why did you decide to participate in CORHT and adopt the Three Domain Framework?

Alignment with mission to provide whole-person care

Learn about how to provide more personalized care

Learn how to approach MIC & Risk-based care

Expand use of teledentistry beyond emergencies

Move toward value-based care in oral health

- What are you hoping to get from the implementation of the domains approach? What changes do you want to see?

Improved patient engagement

Patients improve in oral and overall health outcomes

Improvement in medical, dental, and behavioral health integration

Meet the preventive dental visit HEDIS measure

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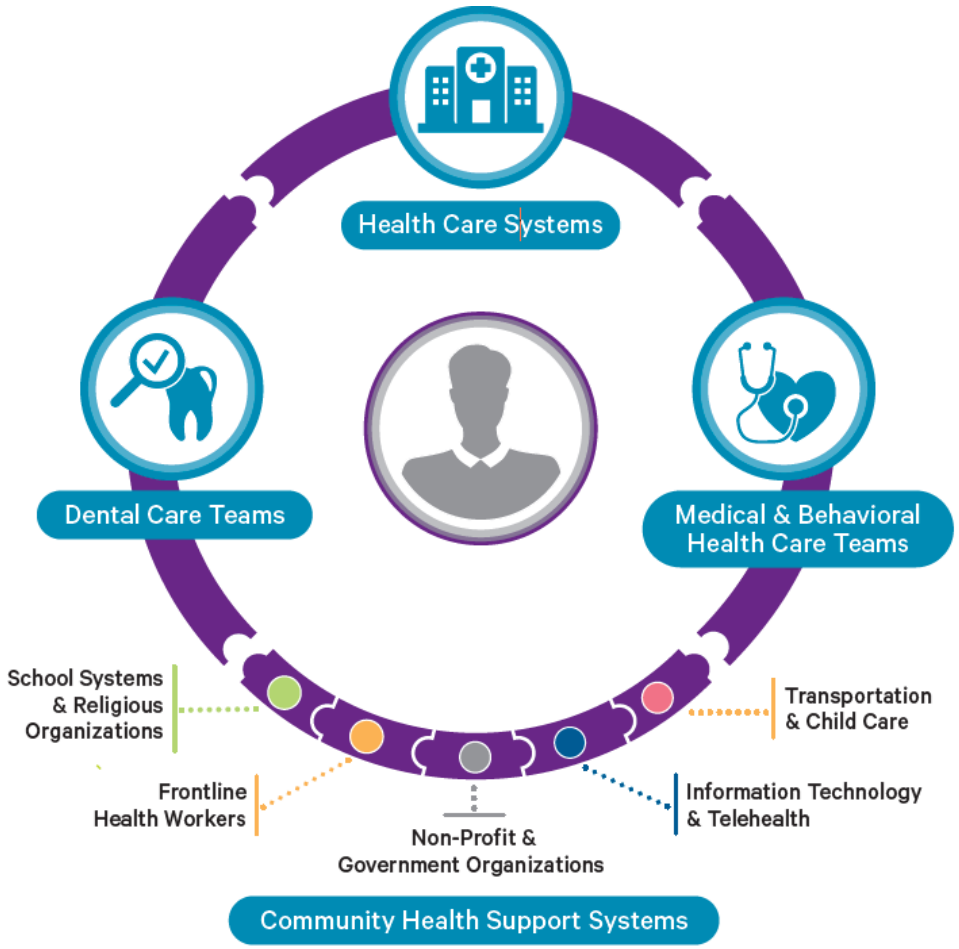
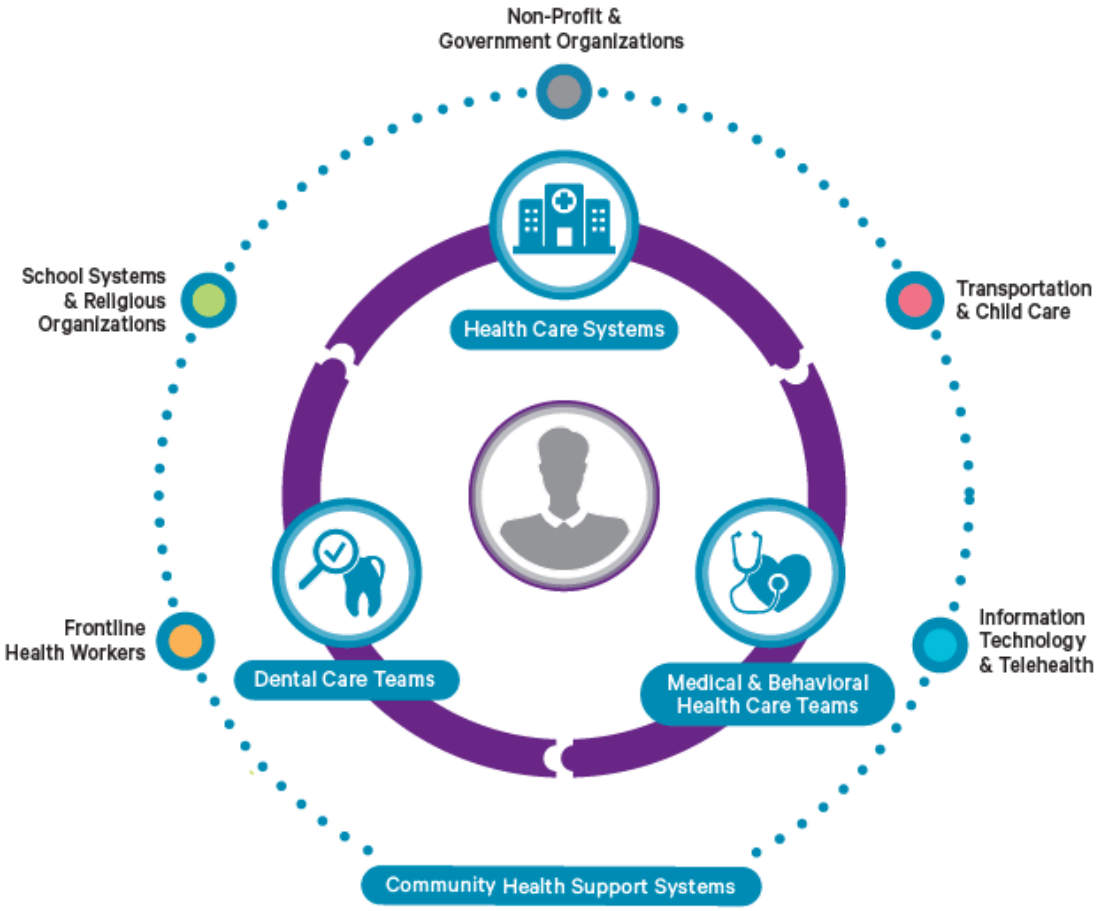
Opportunity with Alignment





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Healthier System

SOCIAL SUPPORT & SOCIAL RISK

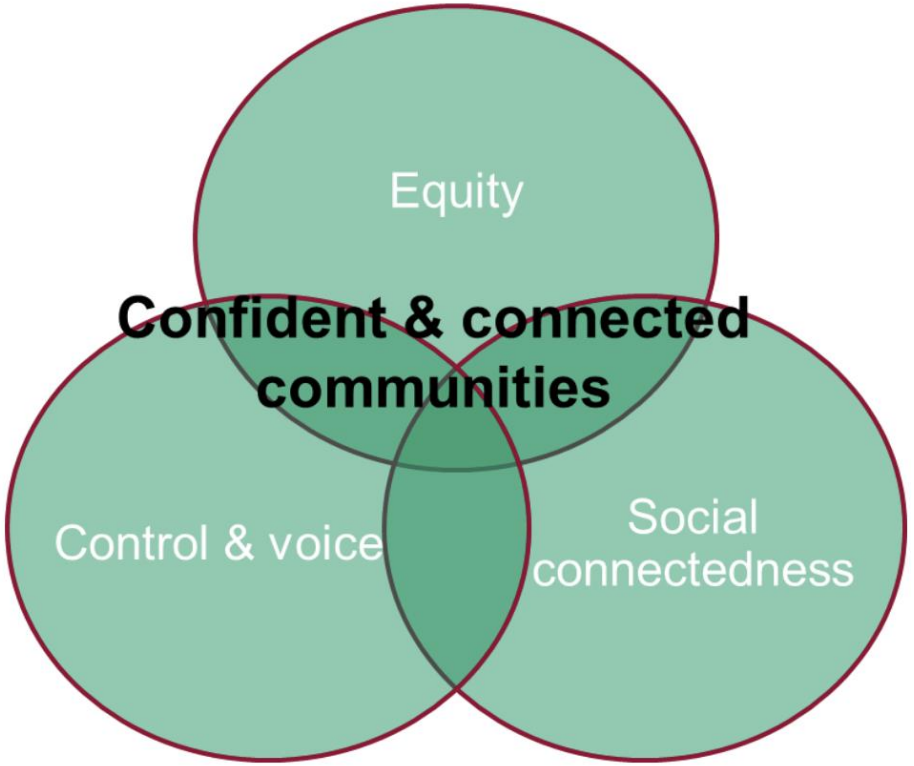
Learn more about these terms in the glossary

Public Health England

Protecting and improving the nation's health

NHS England

A guide to community-centred approaches for health and wellbeing



https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/768979/A_guide_to_community-centred_approaches_for_health_and_wellbeing__full_report_.pdf

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Oral health is a fundamental component of health and physical and mental well-being. **Oral health** is multi-faceted and includes the ability to speak, smile, smell, taste, touch, chew, swallow, and convey a range of emotions through facial expressions with confidence and without pain, discomfort and disease of the craniofacial complex (FDI World Dental Federation).

Dentistry, the professional care of **teeth**, including professional oral hygiene and dental surgery. (Google)

Dentistry is defined as the evaluation, diagnosis, prevention and/or treatment (nonsurgical, surgical or related procedures) of diseases, disorders and/or conditions of the oral cavity, maxillofacial area and/or the adjacent and associated structures and their impact on the human body; provided by a **dentist**… (ADA)

The Three Domain Framework

Tele-Prevention

Domain One builds an accessible, convenient, evidence-based virtual care approach to accompany oral health care delivery using technology for enhanced disease prevention and whole-person health.

Minimally Invasive Care

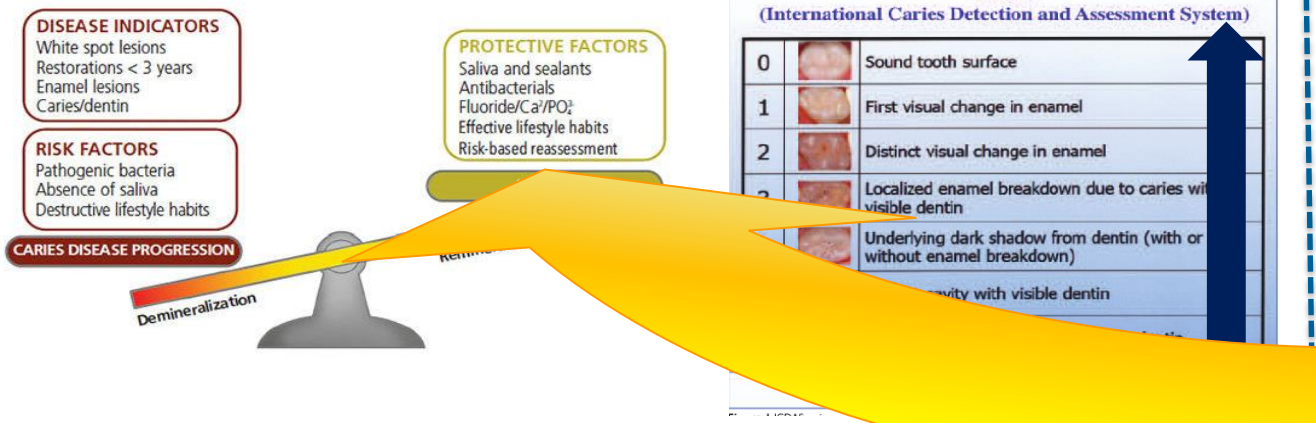
Domain Two focuses on minimally invasive care that reverses or slows early disease stages using a program of anticipatory guidance and collaborative decision-making with patients.

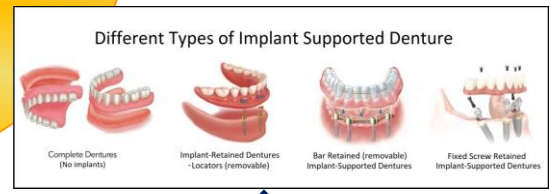
Integrated & Personalized Care

Domain Three introduces personalized oral health care that prolongs the life of hard and soft tissues by reducing tooth/tissue mortality through risk stratification, medical-dental integration, using predictive analytics, and safe, individualized surgical intervention.

The Caries Diseases Paradigm

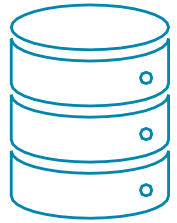
Early Prevention | **Secondary Care** | **Late Stage Non-reversible** | **Surgical Advancement**





Social Determinants of Health | **Healthy Communities** | **Community Assets**

Risk Stratification & Population Health Management



What is risk stratification?

What is population health management?

Why are they important?

How can we start, or improve how we do them?

Our February topic

Domains Characteristics and Traits

FOCUS AREAS	DOMAIN ONE	DOMAIN TWO	DOMAIN THREE
Teleprevention	☑		
Surgical Intervention			☑
Bundled Coding Packages	☑	☑	
Preventistry	☑	☑	
Predictive and Personalized Care	☑		☑
Interoperability	☑		☑
Minimally Invasive Care		☑	☑
Aerosol Production Mitigation		☑	☑
Whole-Person Health	☑	☑	☑
Specialty Referrals	☑	☑	☑
Interprofessional Care Teams	☑	☑	☑
Operational Excellence	☑	☑	☑
Risk-Stratified Care	☑	☑	☑
Social Determinants of Health	☑	☑	☑
Value-based Oral Health Care	☑	☑	☑

DOMAIN ONE: TELEPREVENTION

The Three Domain Framework

Tele-Prevention

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Tele-prevention

Component One: Synchronous Urgent Visit

Emergency care often a gateway for preventive care and dental home

- Patient experiencing tooth pain
- Patient suffering from a broken tooth
- Pediatric patient with dental concern
- Previous referral to specialty care without follow through

Component Two: Synchronous Prevention Visit

This synchronous encounter is proactive and scheduled rather than a reactive urgent telehealth visit.

- Engagement of pregnant patients with dental care
- Disease management follow-up
- Care coordination and management for rising-risk populations
- Referral pathways to specialty services

Component Three: Asynchronous Visits

Asynchronous prevention visits provide appropriate dental care when dental access is limited.

- Hygiene assessment using hub and spoke model
- Medical-Dental colocation with dental auxiliaries
- School based services

Teledentistry Care Steps

T
- Triage patients, emergency and new patients

E
- Educate Patients, Families, Caregivers

A
- A-level training for new staff, peer2peer

C
- Comprehensive Care

H
- Home Care + Coordinate Care

DOMAIN TWO: MINIMALLY INVASIVE CARE

The Three Domain Framework

Tele-Prevention

Minimally Invasive Care

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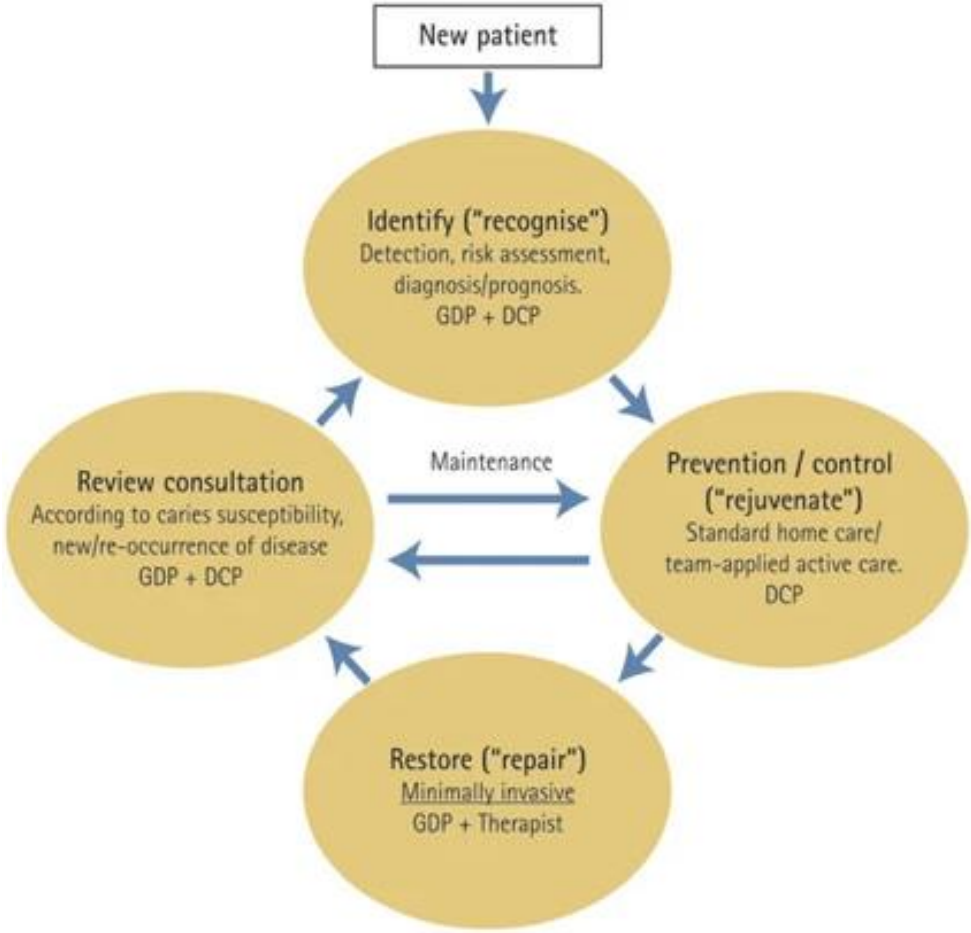
Domain Two and Minimally Invasive Care

- Domain Two focuses on minimally invasive care that reverses or slows early disease stages using a program of collaborative decision-making with patients.
    - *Has been successful in community-based programs*
    - *“Commonly used in European routine dental care settings”*
- Successful programs often perform risk-stratified care to identify and discuss health contributors with patients as a care team.
- Using MIC to create remineralization or periodontal attachment gain is particularly valuable notably at the population level in improving systemic health and impacting cost.

Care flow process for minimally invasive care



Is SDF effective in Real World Practice Settings?

SDF has proven effective in numerous clinical trials, but its efficacy has not been well-established in large practice settings.

Examined the survival of SDF at Advantage Dental clinics

- Followed teeth with SDF applications for between 365 and 720 days.
- Failure is defined as a restorative procedure on the tooth, survival is no failure plus a return visit.
- Limited to patients routinely seen.

SDF alone survived 76% of the time

- Effective even with only a single application
- Worked across risk categories
- Failures tended to result in minor restorations

DOMAIN THREE:
INTEGRATED & PERSONALIZED CARE

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Tele-Prevention

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Learn more about these terms in the glossary

What is Personalized Health Care?

Personalized health care (PHC) is an overarching framework for care that unifies predictive technologies with an engaged patient to coordinate care

The primary aim is promoting health and preventing disease.

Personalized care and Futurist Thinking

Traditional Dentistry

- 30% of procedures are invasive or surgical
- Trial and error
- Wait and see

Implement Domains Approach

- Shift toward prevention and MIC
- Leverage technology for improved financial viability

Domain Three Opportunities

- Focus on improved outcomes
- Reduce errors and adverse events
- Predictive personalized care

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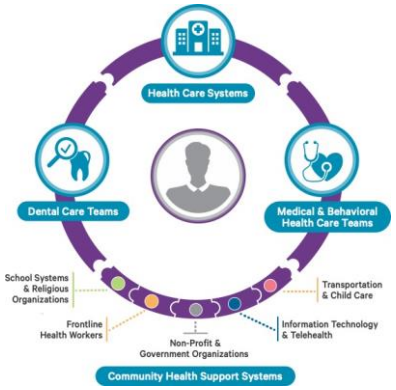
Evolving Care Models from an Oral Health Perspective:
Elements of Integration for Dental Care Teams



Care Delivery & Coordination

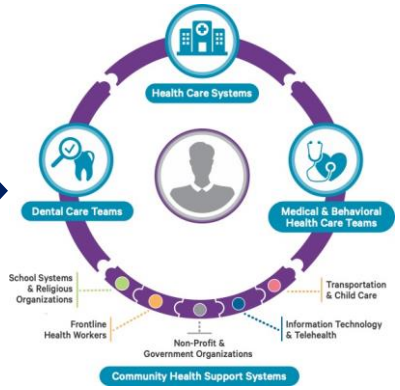
Equity

Data Sharing

Measurement

Payment

Evolving Care Models from an Oral Health Perspective:
Elements of Integration for Dental Care Teams



Current State

	Not Integrated	Low Integration	Moderate Integration	High Integration
Care Delivery & Coordination	No coordination or referrals	Passive referrals Risk assessment Team-based care	Bidirectional referrals Disease management Individuals w/i care teams practicing at top of license	All providers sharing responsibility for care management
Equity	Bifurcated structure to medical and dental coverage	Community engagement Identifying social needs (physical, social, emotional)	Identifying and addressing individual needs (physical, social, emotional)	Person-centered, holistic Strong community engagement
Data Sharing	No data sharing	Practice-to-practice processes for data transfer	System processes for data transfer	Integrated EHRs Interoperability
Measurement	Limited measures (provider performance or population health)	Symmetry or alignment in process metrics (access, service delivery, referral completion, etc.)	Shared process metrics and outcome metrics	Health outcome-based, cost and patient satisfaction levels indicators of success Predictive analytics
Payment	FFS	FFS or lower-level dental APM (including physician-administered oral health services)	APM Shared Performance Incentives	Global Payment and/or Integrated Financing

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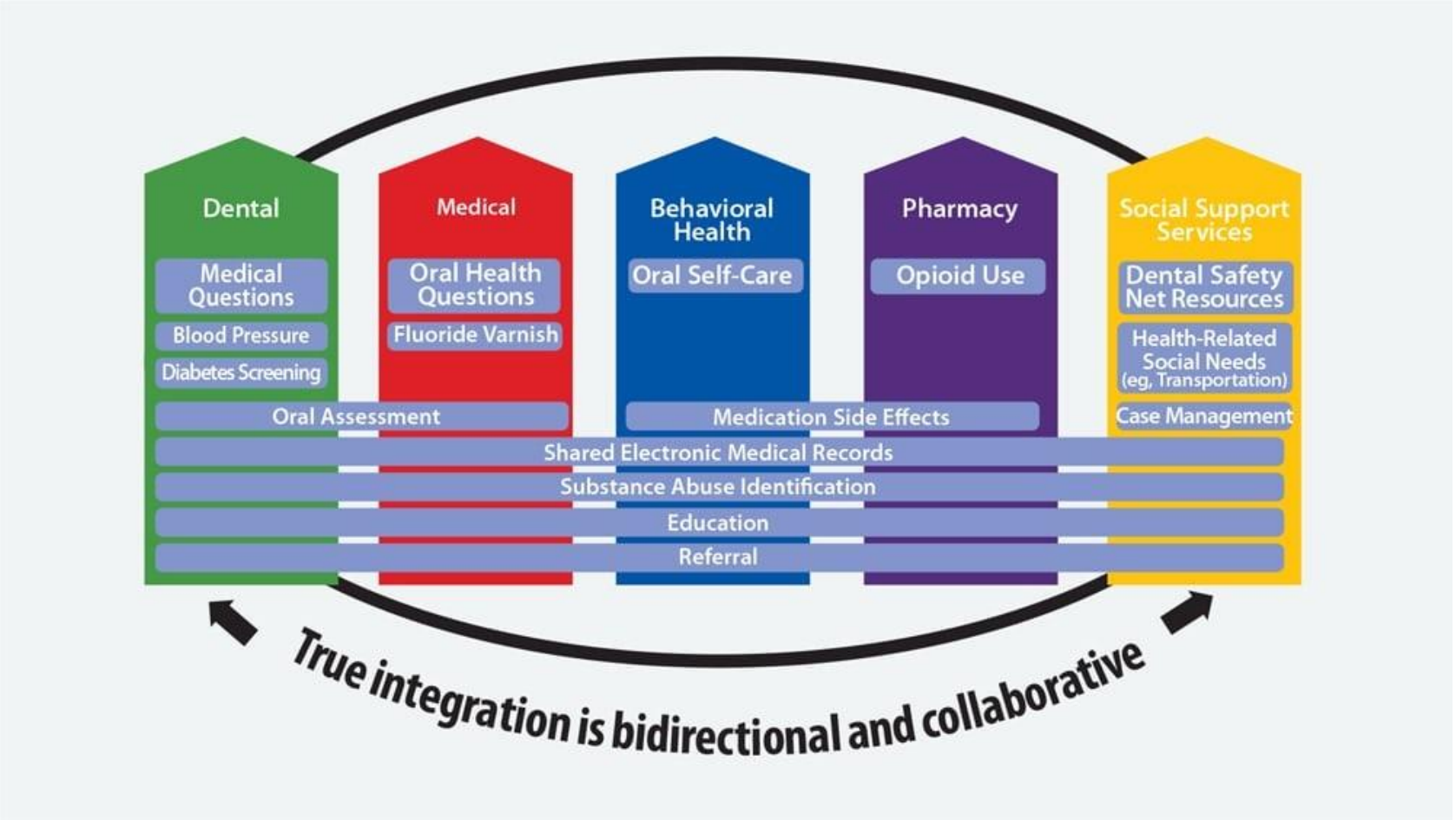
Domain 3 is a Continuum



Questions?

SHARING EXPERIENCE: THE DIMOCK CENTER

Dr. Shireen Khan

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DISCUSSION

Thinking about implementation of the Domains approach, what challenges do you anticipate?

What aspects of the domains approach have the greatest opportunity to transform oral health at your health center?

Taking Action

Based on what you heard today, please **chat in** one thing that you can take back to your clinic and work on immediately.

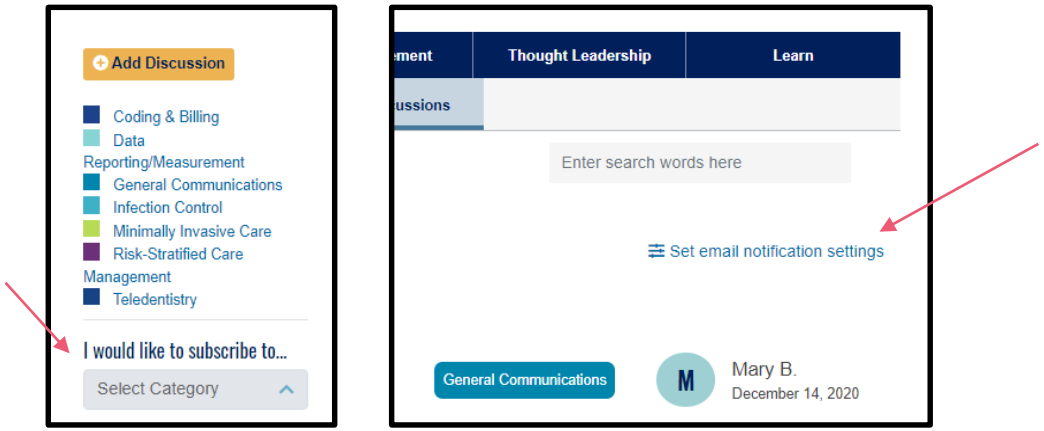
WRAP UP & NEXT STEPS

Data Use Agreement

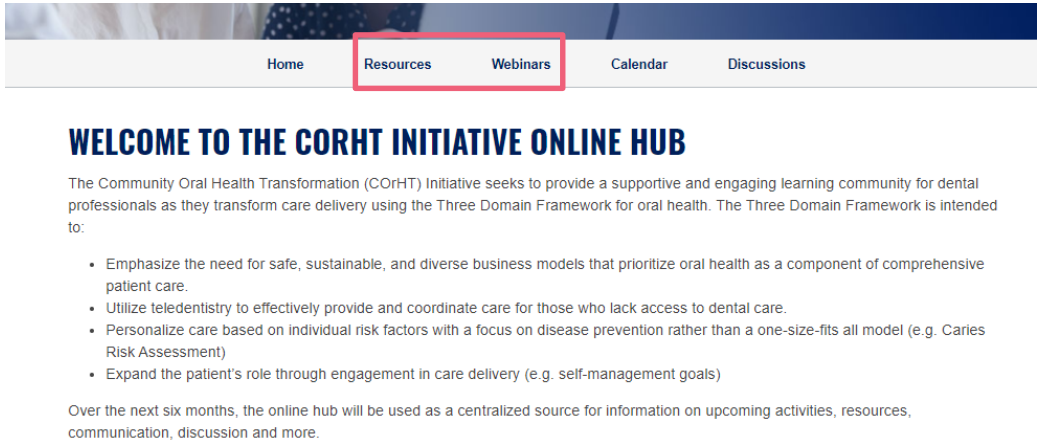
Please complete the Data Use Agreement by 1/25

Next Step: Explore the Online Hub

1. Discussion Board: Subscribe to all categories and check your email notification settings



2. Find community call recordings and slides in ‘Webinars’
3. Access prework, glossary, CE opportunities, and other materials under “Resources”



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CE Opportunities

Looking for more? Here are a few CE opportunities you may want to consider:

1. Elevate Oral Care: Teledentistry and Minimally Invasive Procedures in the Time of COVID-19 (1 CE credit)
2. Elevate Oral Care: Engaging Patients as Partners with Dr. Matt Allen (1 CE credit)
3. Oral Health Value-Based Care: Transformation in Practice (1 CE credit)

Find additional CE opportunities and supplemental resources on the online hub under ‘Resources’

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