THE VALUE OF ORAL HEALTH INFORMATION EXCHANGE

November 17, 2020



Learning Objectives

- 1. Summarize the value of oral health information exchange
- 2. Describe the current challenges and opportunities for oral health information exchange
- 3. Identify opportunities to engage in information exchange at local, state, regional and national levels.

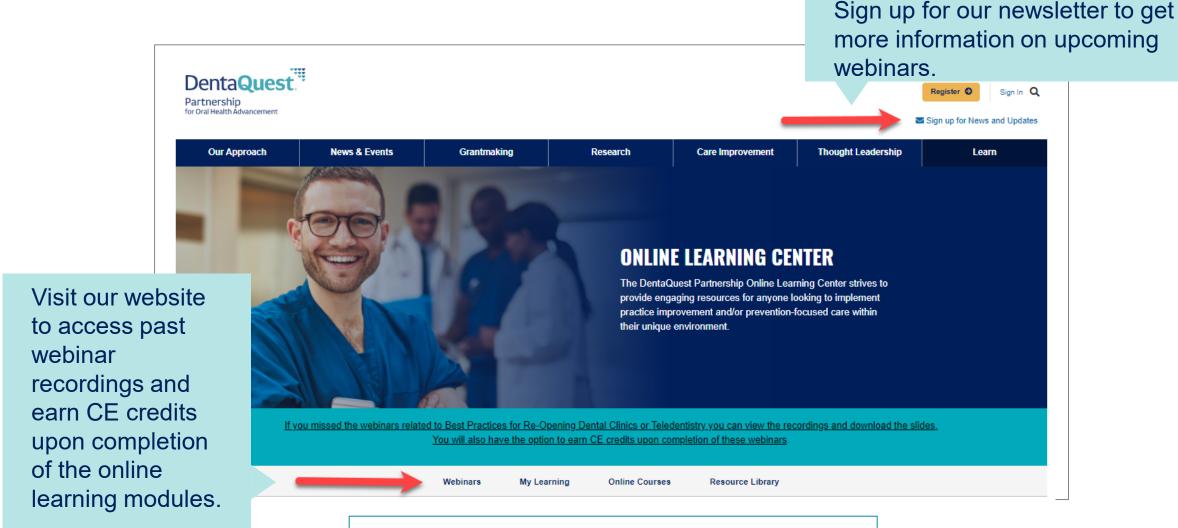
Housekeeping

- Participants are in audio only mode. If you have questions for the panel please use the Q/A feature.
- A copy of the slides and a link to the recording will be shared after the webinar concludes. They will also be available on the dentaquestpartnership.org website under the Learn tab. Select Webinars.
- In order to receive CE credit you must fill out the webinar evaluation, which will be shared at
 the end of the presentation. The evaluation must be completed by EOD Friday, November 25
 to receive CE credit. CE certificates will be distributed a few days after the webinar takes
 place.
- Your feedback is also greatly appreciated.



The DentaQuest Partnership is an ADA CERP Recognized Provider. This presentation has been planned and implemented in accordance with the standards of the ADA CERP.

DentaQuest Partnership Online Learning Center

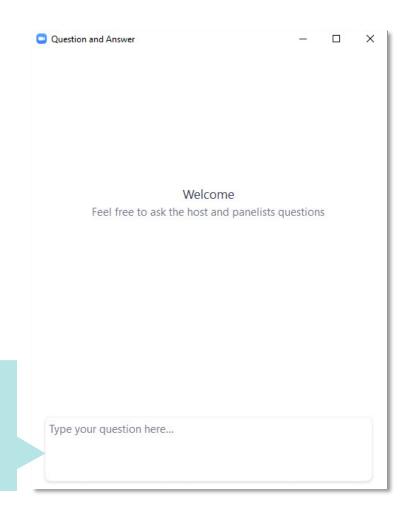


https://www.dentaquestpartnership.org/learn

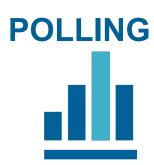
Question and Answer Logistics

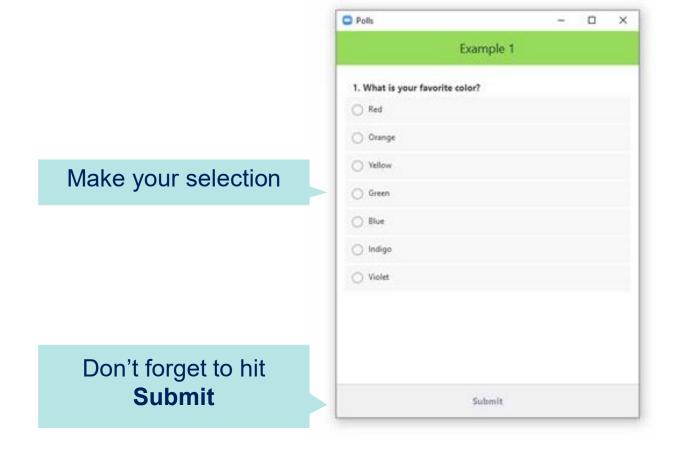
- After the presentations we have time allocated for audience Q&A.
- We are not going to take any questions in between presentations. We will be monitoring the Zoom Q&A box through the entire presentation and we will do our best to answer all of your questions at the end.

Type your question in the Question and Answer box.



Audience Polling





ORAL HEALTH INFORMATION TECHNOLOGY

Virtual Convening November 17 & 19, 2020



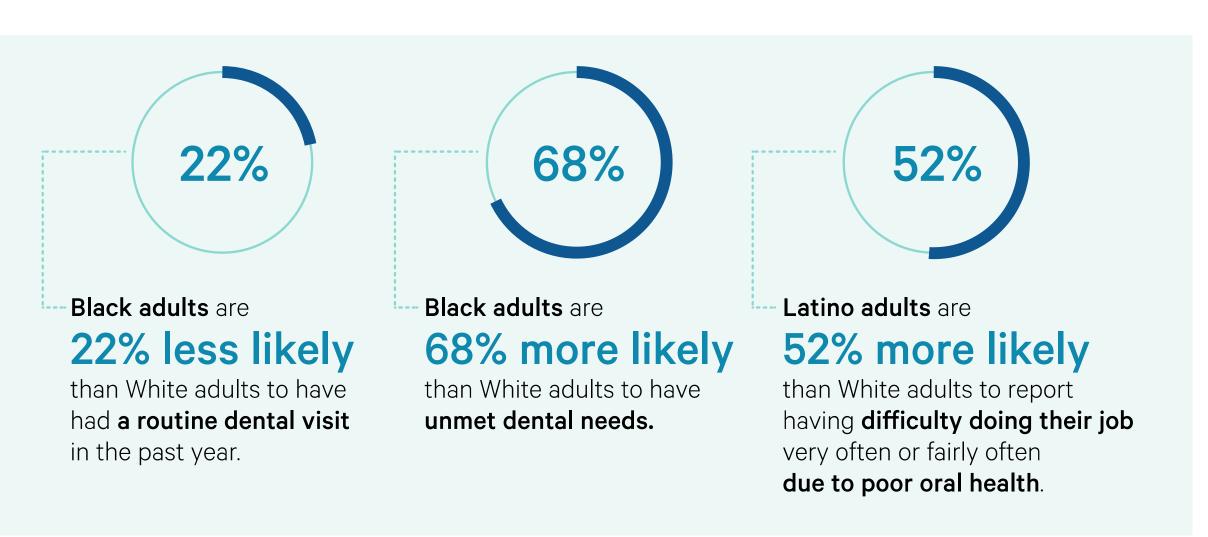


HEALTH CARE IS A HUMAN RIGHT

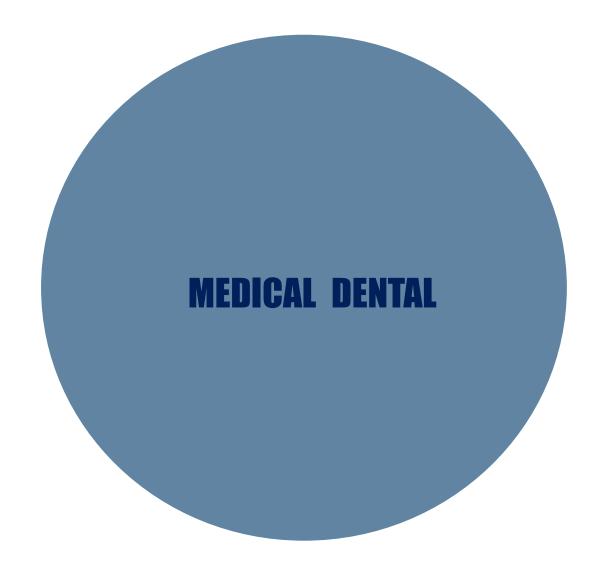




ORAL HEALTH INEQUITIES HAVE A PROFOUND IMPACT



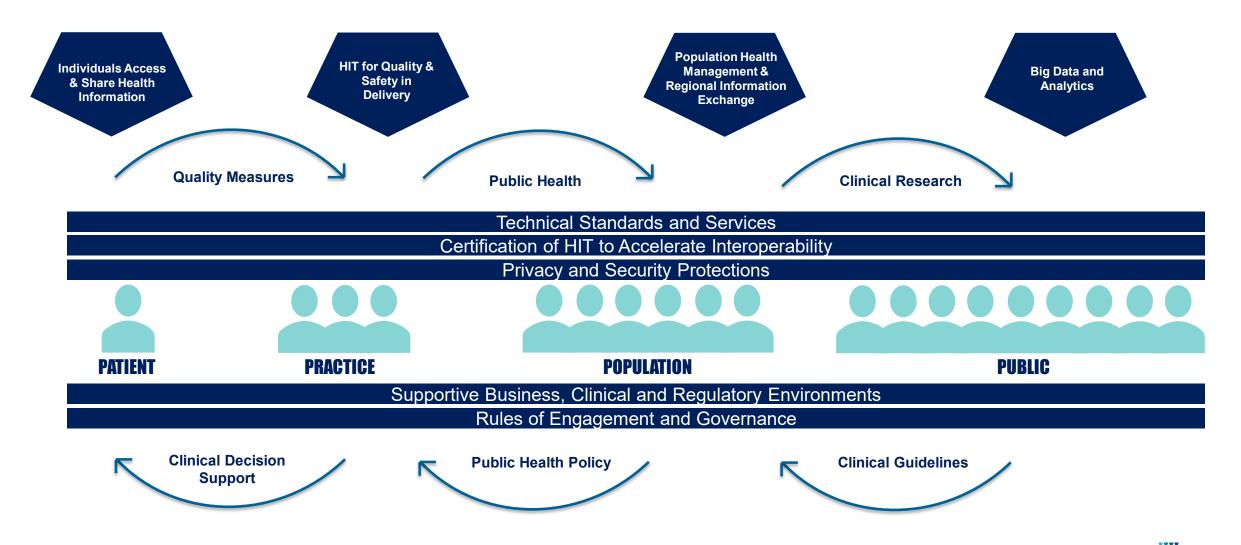
BREAKING DOWN SILOS REQUIRES INTEROPERABILITY



PUT DATA TO WORK



HEALTH INFORMATION TECHNOLOGY ECOSYSTEM



OUR CALL TO ACTION

1. Embrace an innovation mindset

2. Put data to work

3. Clear roadmap for individual and collective work ahead

THANK YOU!

Myechia Minter- Jordan, MD, MBA
President and CEO
DentaQuest Partnership for Oral Health Advancement and
Catalyst Institute, Inc.

Myechia.MinterJordan@dentaquest.com



Benefits of Information Exchange



THE VALUE OF ORAL HEALTH INFORMATION EXCHANGE





Myechia Minter-Jordan, MD, MBA

President and CEO,

DentaQuest Partnership for Oral Health Advancement and Catalyst Institute



Alan Morgan, MPA

Chief Executive Officer, National Rural Health Association



Amit Acharya, BDS, MS, PhD

Executive Director, Marshfield Clinic Research Institute



Sean Boynes, DMD, MS

Vice President, Health Improvement,

DentaQuest Partnership for Oral Health Advancement



National Rural Health Association

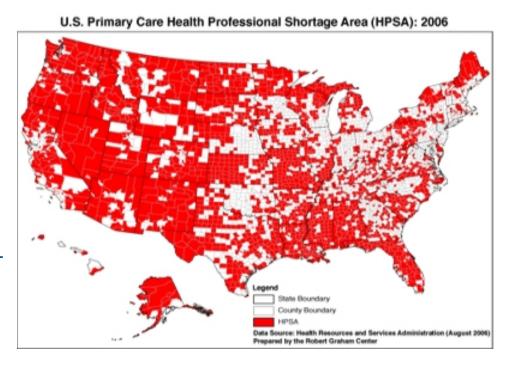
The Rural Policy Perspective

Alan Morgan, MPA
Chief Executive Officer

Workforce Shortages

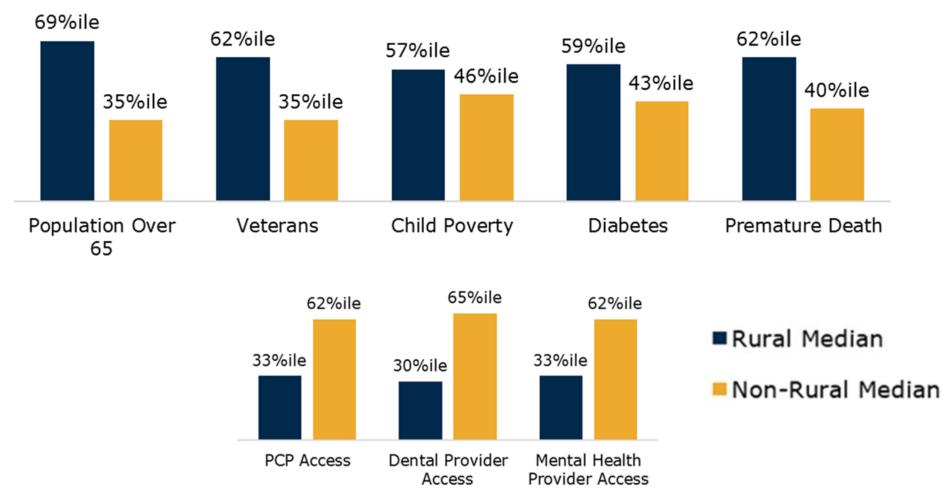
Your voice, Louder.

- Only 9% of physicians practice in rural America.
- 77% of the 2,050 rural counties are primary care HPSAs.
- More than 50% of rural patients have to drive 60+ miles to receive specialty care.



Summary: Rural Populations are Older, Less Healthy, Less Affluent and Have Limited Access to Multiple Types of Care





Source: iVantage Chartis Health Analytics

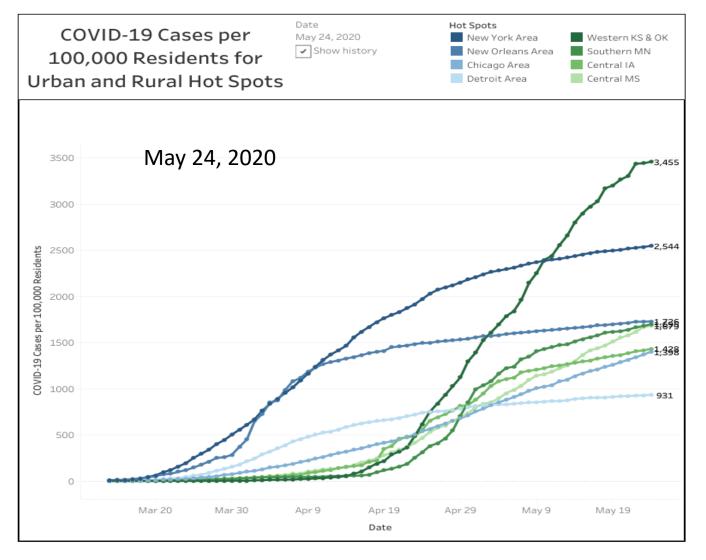


"Coronavirus strains cashstrapped hospitals, could cause up to 100 to close within a year"

Josh Salman and Jayme Fraser USA TODAY NETWORK



Rural COVID concerns increase in May/June



Source: UNC Sheps Center Rural Health Research Program

CMS Center for Innovation

OLDER MODELS

- Frontier Extended Stay Clinic (FESC)
- Frontier Community Health Integration Project (F-CHIP)
- Rural Community Hospital Demonstration Program

NEWER MODELS

- Global Budget Model
 - Sen. Bob Casey (D-PA)
- 24/7 ER Model with Cost-Based Reimbursement
 - Community Outpatient Hospital
 - REACH ACT

Rural has an Older, Sicker and Poorer Population



- The median age of adults living in rural areas is greater than those living in urban:
 - Rural: 51 years
 - Urban: 45 Years
- 18.4% of rural residents are age 65+, whereas its 14.5% in urban
- Rural areas have higher rates of several health risk factors/conditions:
 - Obesity
 - Diabetes
 - Smoking

The State of Rural America

U.S. Census show that after a modest four-year decline, the population in nonmetropolitan counties remained stable from 2014 to 2019 at about 46 million. (2014-2019 rural adjacent to urban saw growth.)



Your voice. Louder.





National Rural Health Association

Alan Morgan, CEO

amorgan@nrharural.org
Twitter: @Amorganrural
#ruralhealth

ORAL HEALTH INFORMATION TECHNOLOGY VIRTUAL CONVENING

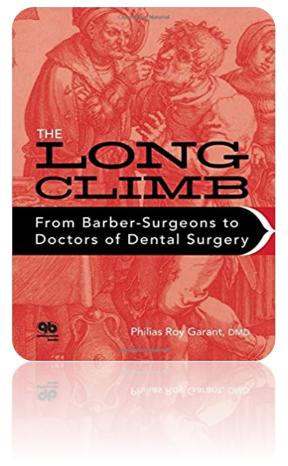
The Value of Oral Health Information Exchange

Amit Acharya, BDS, MS, PhD, FAMIA
Executive Director, Marshfield Clinic Research Institute
Chief Dental Informatics Officer, Family Health Center
Marshfield Clinic Health System











Source: <a href="https://www.hughesfamilydentistry.com/uncategorized/oh-my-how-things-have-changed-some-fun-facts-about-the-history-of-dentistry/https://www.sutori.com/story/the-history-of-dentistry--tqEnrevtkGtVt1QQHSBoiy4W
The Long Climb: From Barber-Surgeons to Doctors of Dental Surgery – Authored by Dr. Garant



Importance of Oral Health

Over the last 25 years, public health leaders including the Surgeon General, the Institute of Medicine, and others have recognized:

- 1) Oral health is a 'Silent Epidemic' that disproportionately affects the poor;
- 2) Poor oral health significantly impacts overall health and has dire economic and human cost to society;
- 3) Cooperation and integration by the dental and medical professions is needed to adequately address the issue.

A Costly Dental Destination

Hospital Care Means States Pay Dearly

A decade of rising dental-related emergency room visits



Source: A Costly Dental Destination: Hospital Care Means States Pay Dearly
Feb 28, 2012

\$88 million FL More than 115,000 hospital ER visits for dental problems produced charges exceeding \$88 million (2010).

\$23 million

The approximately 60,000 emergency hospital visits for non-traumatic dental problems or other oral health issues cost more than \$23 million (2007).

\$5 million A More than 10,000 visits to hospital ERs for dental reasons cost Medicaid or other public programs almost \$5 million (2007).

\$4.7 million MN The 10,000-plus dental-related ER visits to seven hospitals in the state's largest urban area cost more than \$4.7 million (2005).

\$6.9 million MO ER charges for dental-related visits to Kansas City hospitals totaled about \$6.9 million (2001–2006).

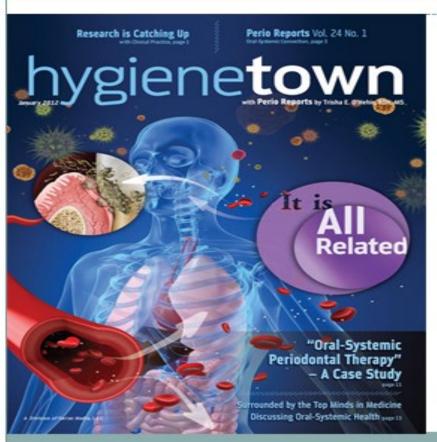
\$4 millionThe cost of dental visits to hospitals was estimated at nearly \$4 million (2005).

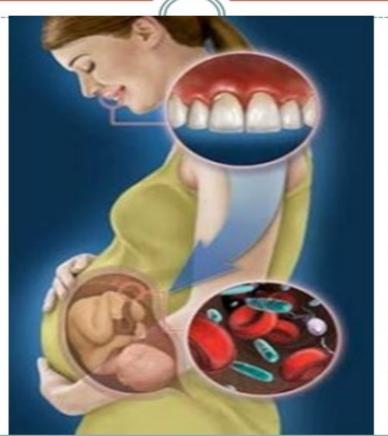
\$31 million

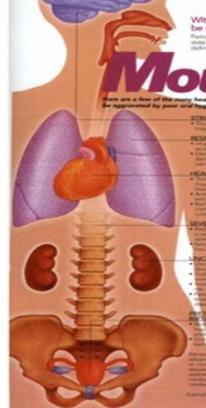
The cost of treating young children for decay-related ailments in hospital emergency rooms or ambulatory surgery centers jumped from \$18.5 million to more than \$31 million (2004–2008).

\$7 million WI More than 32,000 emergency room visits resulting from dental ailments cost nearly \$7 million (2009).**

Oral-Systemic Connection







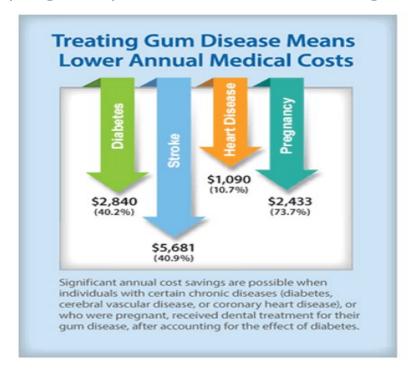
Without good periodontal health, there can not be good general health.

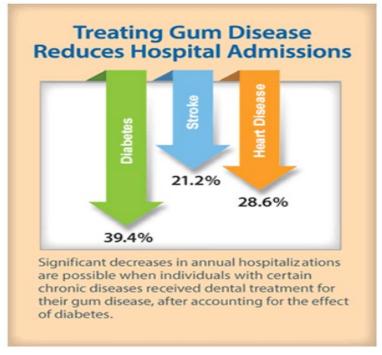
MEVERSE DISTRICTEDIANA



The Economic View

• United Concordia pursued original research conducted by Dr. Jeffcoat, and reported that treating gum diseases could be translated to lowering annual medical saving costs for diabetes, stroke, heart disease and pregnancy outcomes and reducing hospital admissions¹.

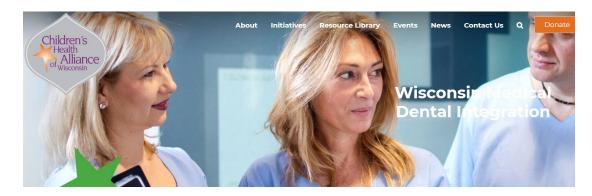






1. Jeffcoat MK, Jeffcoat RL, Gladkowski PA, Bramson JB, Blum JJ. Impact of Periodontal Therapy on General Health: Evidence from Insurance Data for Five Systemic Conditions, American Journal of Preventive Medicine, 47 (2014) pp. 174–182. DOI: 10.1016/j.amepre.2014.04.001

Opportunities for Integrated Care Models







16 healthcare

organizations



















Tier 1
Current State
Stand alone dental without
LPN

Tier 1 has no embedded medical staff and currently it relies on patient engagement and education through the patient friendly handout at a stand alone dental office Tier 2
Salmon Creek

Co-located dental + medical with no nurse

Tier 2 has no embedded medical staff, it relies on the dental team engaging the patient in a colocated facility

Care Gaps Addressed in this Tier

- Nurse Facing:
- Immunizations
- Lab Work
 DM Foot Exam
- The dental team coordinates patient care through a warm handoff to lab or Nurse Treatment Room (NTR) in the co ocated medical office building

Tier 3

Beaverton/Glisan
Co-located or stand alone
with embedded nurse

Tier 3 has two different models
A) Co-located with regular LPN
and B) Stand alone with LPN

Care Gaps Addressed in this Tie

- 1. Nurse Facing:
- Immunizati
- Lab Work- Only Lead LPNs
- DM Foot Exam
- Scheduling Clinician Facing
 Appointments for Patients
 - enter the same
- Patient Education

KAISER PERMANENTE

Tier 4

Cedar Hills

Co-located with embedded

nurse + physician

Care Gaps Addressed in this Tie

. Lab Work- Only Lead LPNs

PC Clinician Facing (through the

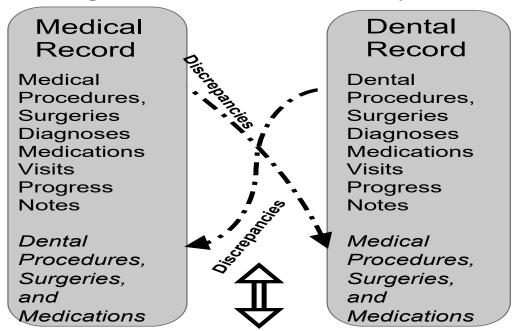
embedded Clinician)
 Well-child

Source: https://oralhealth.hsdm.harvard.edu/files/oralhealth/files/kennethwright.pdf



Integrated Care Models via Electronic Medical-Dental Health Records Virtual Integration

Health Records in Silos
Can Compromise Quality and Safety
through Inconsistencies/Discrepancies



Reports relayed (informally) by patients Databases (patient records, paper or EHRs) not synchronized



Medical care providers' perspectives on dental information needs in electronic health records

Amit Acharya, BDS, MS, PhD; Neel Shimpi, BDS, MM; Andrea Mahnke, MS; Richard Mathias, DDS; Zhan Ye, PhD

he use of electronic health records (EHRs) has demonstrated value in promoting health care providers' efficiency and effectiveness.¹ EHRs have empowered health care providers by allowing greater access to patient health information and communication tools that facilitate shared decision making, resulting in better patient health outcomes. This digital health environment has opened further avenues

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xtra

Supplemental material is available online.

for establishing a medical-dental integrated EHR (iEHR) that encompasses

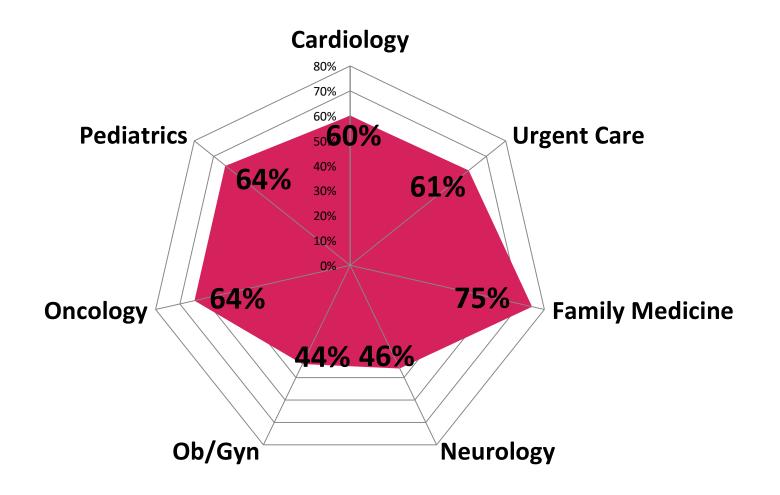
ABSTRACT

Background. The authors conducted this study to identify the most relevant patient dental information in a medicaldental integrated electronic health record (iEHR) necessary for medical care providers to inform holistic treatment.

Methods. The authors collected input from a diverse sample of 65 participants from a large, regional health system representing 13 medical specialties and administrative units. The authors collected feedback from participants through 11 focus group sessions. Two independent reviewers analyzed focus group transcripts to identify major and minor themes.

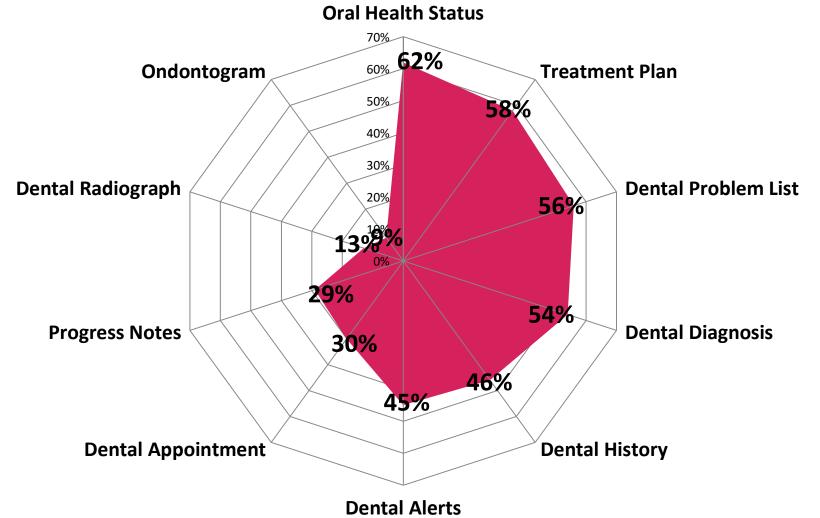
Results. The authors identified 336 of 385 annotations that most medical care providers coded as relevant. Annotations strongly supporting relevancy to clinical practice aligned with 18 major thematic categories with the top 6

Require Patient's Dental Information to Provide Effective Medical Care

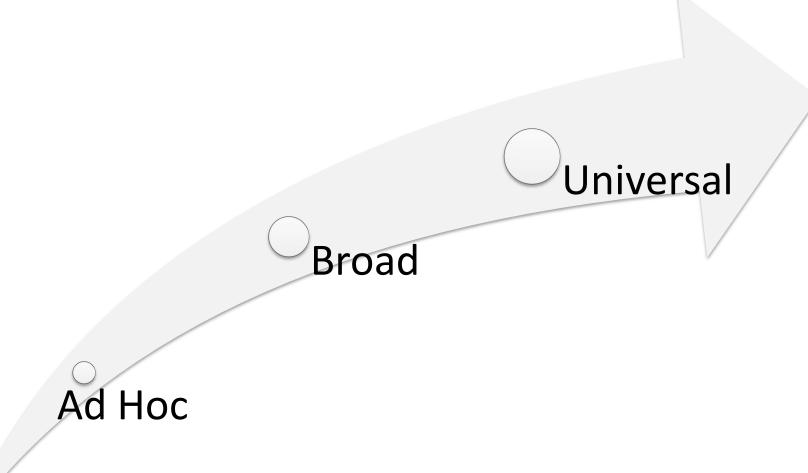




What dental information would medical providers would like to access in an EHR?

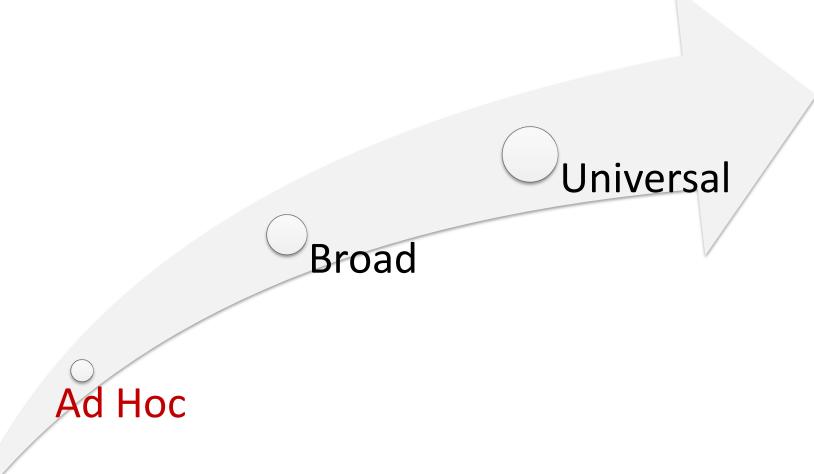


Solutions





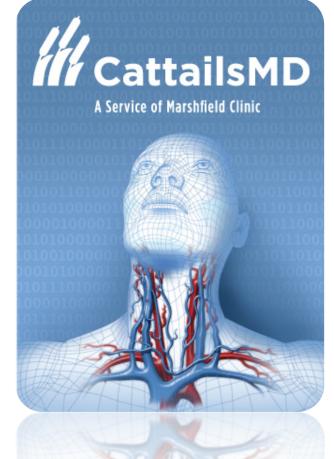
Solutions





Integrated Medical-Dental EHR at Marshfield Clinic Health System

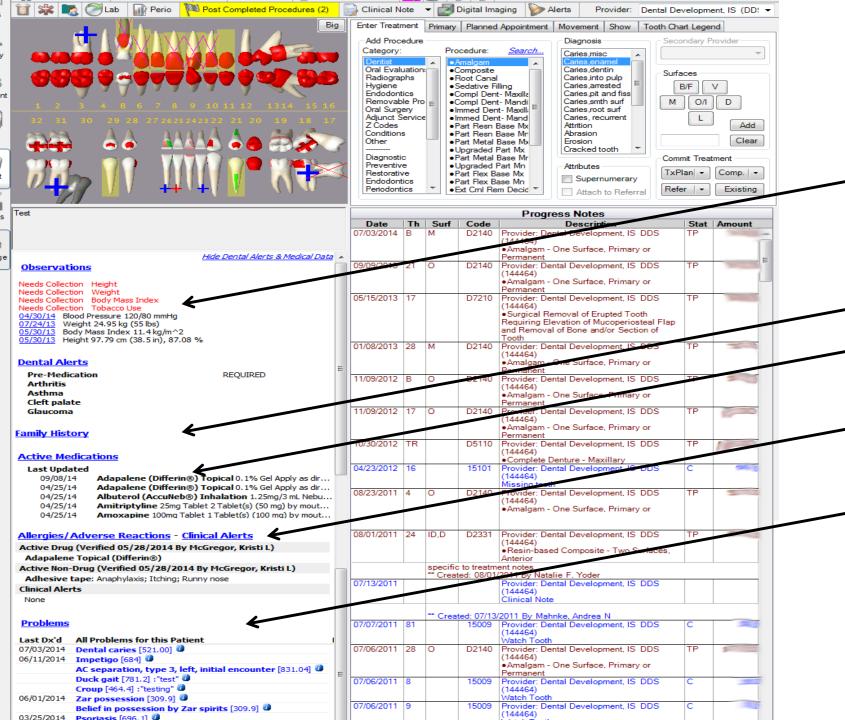
- One of the very unique Medical-Dental EHR Environment to support Comprehensive Patient Care, Research and Education;
- Supports well over 150,000 unique patients;
- Developed from an open source dental software platform,
 Open Dental;
- Grants from Delta Dental of Wisconsin and Family Health Center of Marshfield;











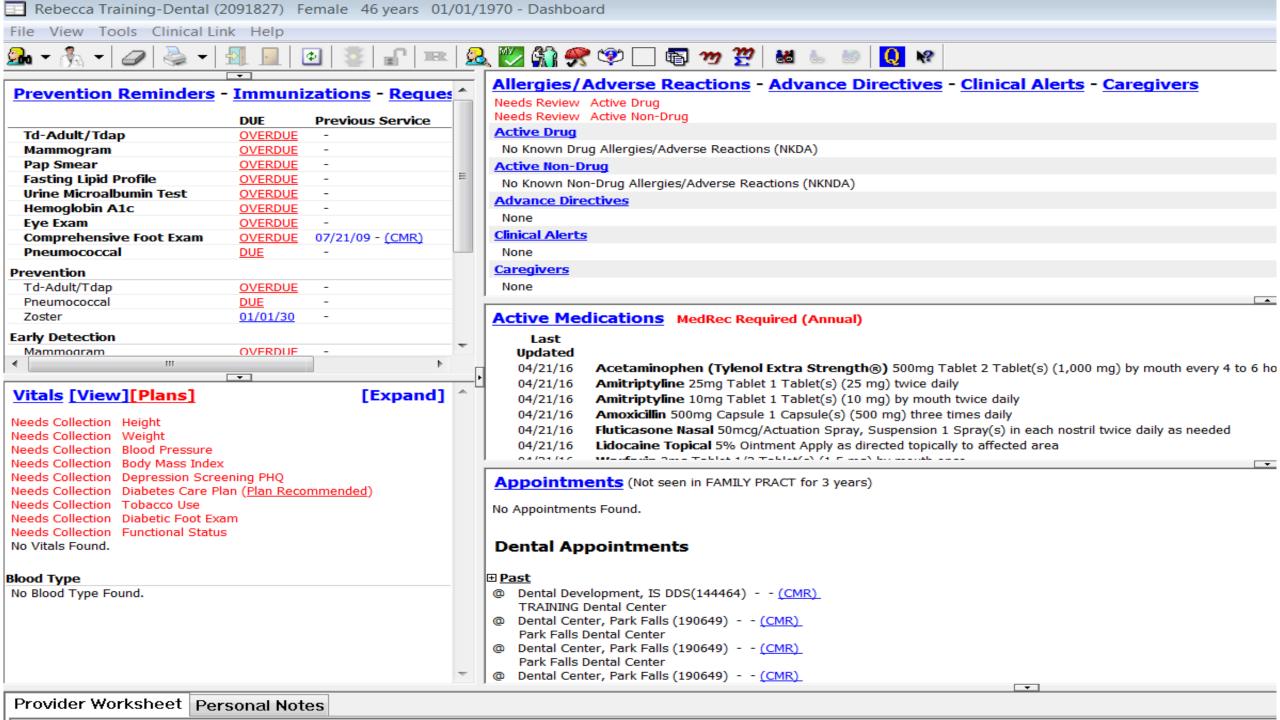
Observation & Vitals

Family History

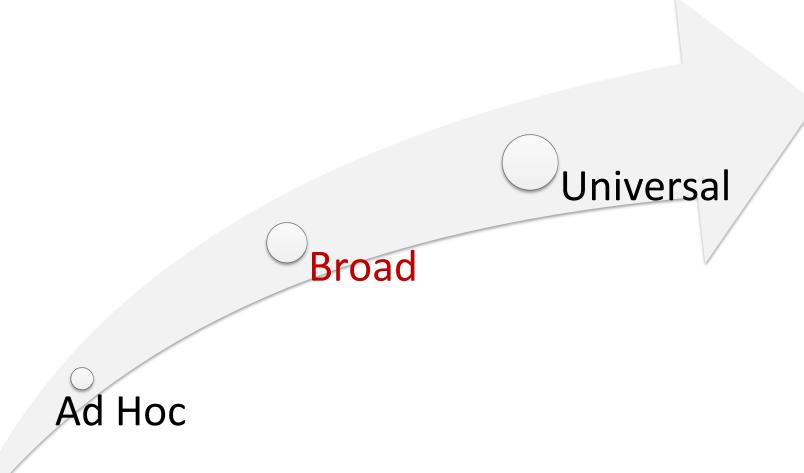
Active Medication

Allergies and Adverse Reactions

Problem List



Solutions





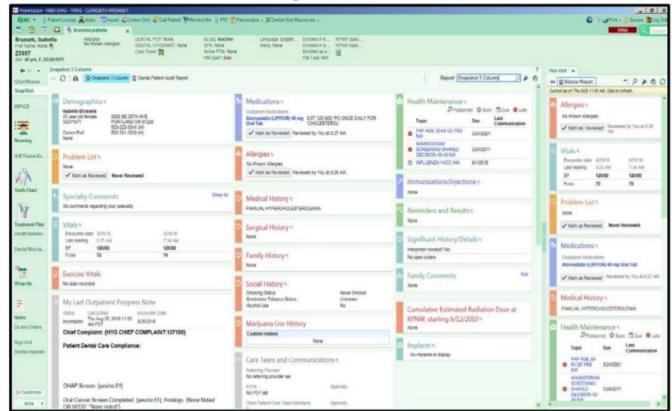
One Integrated IT Platform: EPIC Wisdom



KP HealthConnect Integrated Health Record

- One single platform and supporting infrastructure for the KP EHR
- Integration of appointing, billing and claims functions
- View and cancel upcoming dental appointments
- Scalable and flexible technology supporting growing membership, integrated facilities and new care delivery models (mobile, worksite, teledentistry, virtual dental home)

Snapshot View

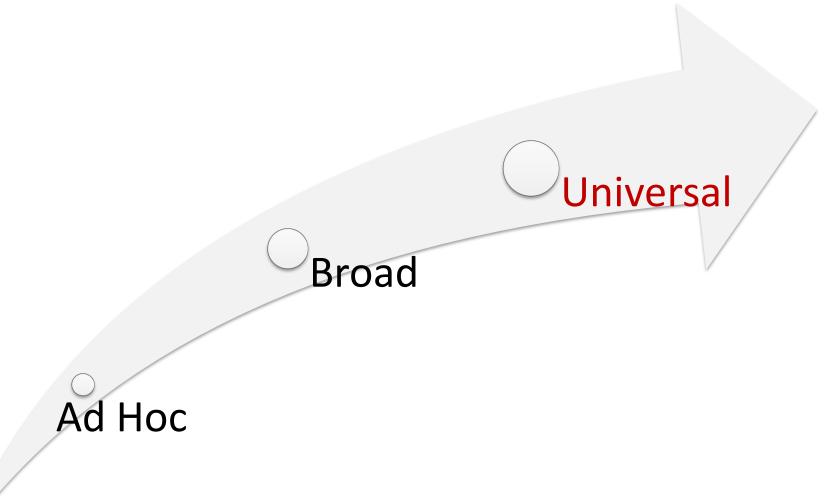




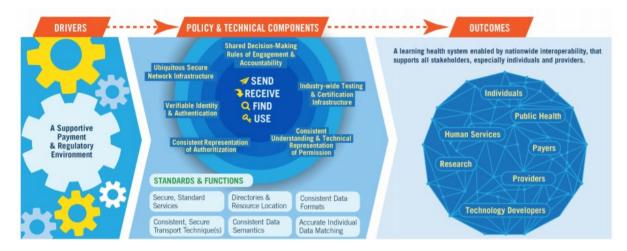


Source: https://oralhealth.hsdm.harvard.edu/files/oralhealth/files/kennethwright.pdf

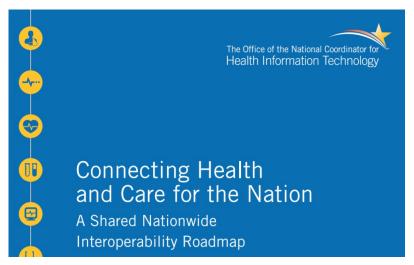
Solutions







Source: Connecting Health and Care for the Nation: A Shared Nationwide Interoperability Road Map-https://www.healthit.gov/sites/default/files/hie-interoperability/Roadmap-Executive%20Summary-100115-4pm.pdf



Health Information Exchange

The goals are:

- 2015-2017: Send, receive, find and use priority data domains to improve health care quality and outcomes.
- 2018-2020: Expand data sources and users in the interoperable health IT ecosystem to improve health and lower costs.
- 2021-2024: Achieve nationwide interoperability to enable a learning health system, with the person at the center of a system that can continuously improve care, public health, and science through real-time data access.





Source: https://www.healthit.gov/topic/health-it-and-health-information-exchange-basics/health-information-exchange

Interoperability

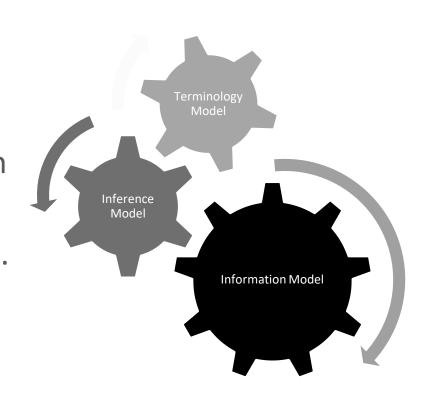
 According to section 4003 of the 21st Century Cures Act, the term 'interoperability,' with respect to health information technology, means such health information technology that— "(A) enables the secure exchange of electronic health information with, and use of electronic health information from, other health information technology without special effort on the part of the user; "(B) allows for complete access, exchange, and use of all electronically accessible health information for authorized use under applicable State or Federal law; and "(C) does not constitute information blocking as defined in section 3022(a)."



Syntactic + Semantic Interoperability

- In order for HIE, we need to achieve syntactic and semantic interoperability.
 - Syntactic Interoperability: ability of multiple systems to exchange information
 - Semantic Interoperability: ability to use the information that has been exchanged.
- Need to take into account 3 principled models and their interfaces*





Role of Standards

ANSI/ADA - Standards Committee on Dental Informatics

ADA American Dental Association®

America's leading advocate for oral health

- ANSI/ADA Specification 1000: Standard Clinical Data Architecture for the Structure and Content of an Electronic Health Record
- ANSI /ADA Specification 1039: Standard Clinical Conceptual Data Model
- ANSI /ADA Specification 1040: Dental Extension to the ASTM Continuity of Care Record
- ANSI /ADA Specification 1067: Electronic Dental Record System Functional Requirement
- ADA Tech Report No. 1085: Implementation Guidelines for Secure Transmission of PHI in Dentistry

Health Level 7 (HL7)

- HL7 Electronic Health Records (EHR) Dental Health Functional Profile, Release 1- US Realm
- HL7 FHIR (Fast Healthcare Interoperability Resources)





The Value of Oral Health Information Exchange

Case Study: Integrated Model of Care





Marshfield Clinic Health System



55 Clinical Locations **34** Communities



WE HAVE A

CHILDREN'S HOSPITAL

1 of only 4 in Wisconsin

220,000

Security Health Plan members

across all. 72 Wisconsin counties

Marshfield Clinic Research Institute

the largest

PRIVATE MEDICAL **RESEARCH INSTITUTE**

in Wisconsin

- **3** Ambulatory Surgery Centers
- Skilled Nursing Facilities
- Research Centers
- **7** Hospitals

- **8** Urgent Cares
- **10** Dental Clinics
- **17** Pharmacies

1,200 **PROVIDERS**

328,000 **Unique Patients**

3.5 million **Patient Encounters**

Academic Location for the **University of Wisconsin**

School of Medicine & Public Health

We collaborate with

400 Community **Organizations**

on Community Health Initiatives

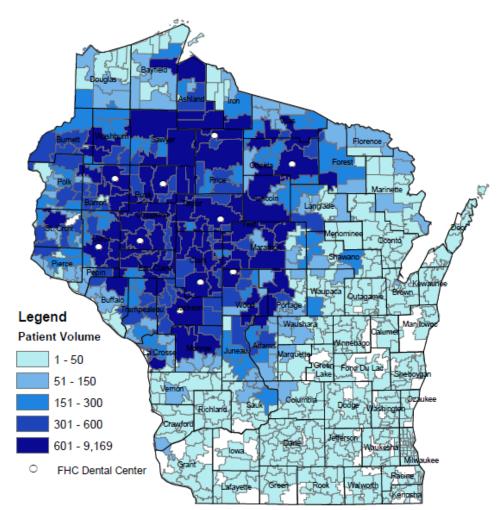


10 FQHC
 providing dental
 services to
 people from all of
 Wisconsin's 72
 counties

Fiscal Year	# of Unique Patients
2007	12,504
2008	19,192
2009	24,138
2010	30,680
2011	40,114
2012	46,346
2013	44,233
2014	49,389
2015	51,485
2016	54,896
2017	58,894
2018	58,932
2019	56,538

186,217 Patients Served Family Health Center Dental Operations

November 2002 - June 30, 2020





Diabetes in United States

DIABETES

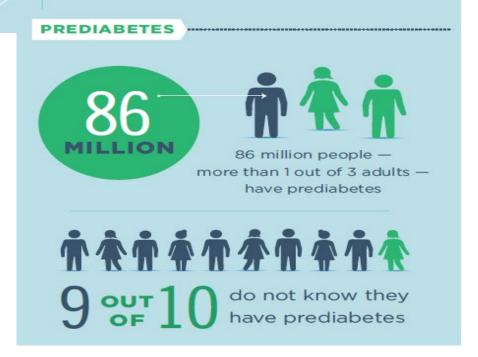


29.1 million people have diabetes

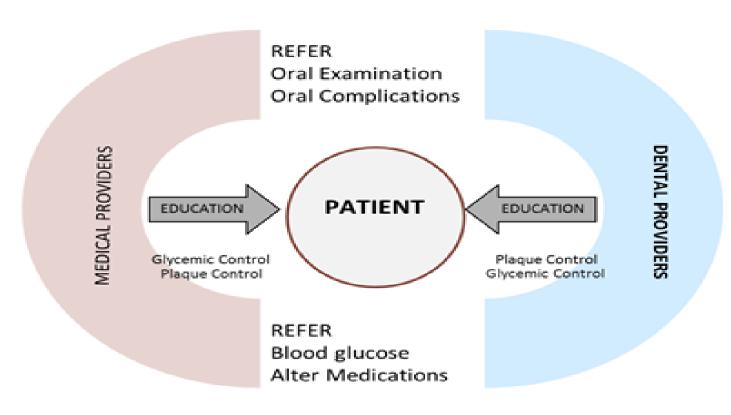




- The estimated total Death rates due to diabetes will double between 2005 to 2030 and will be the 7th leading cause of death in 2030.
- The U.S. Department of Health and Human Services have listed Dental diseases as one of the complications of Diabetes.



Patients with Diabetes

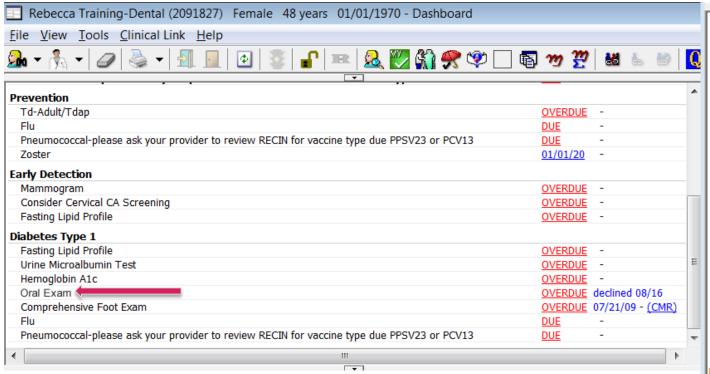




Oral Exam Alerts for All Diabetic Patients in EHR

Alert for conducting Visual Oral Examination of Diagnosed Diabetic Patients in EMR

- If partially dentulous AND has not been to a dentist in more than 6 months;
- If completely edentulous AND has not been to a dentist in more than 12 months;



Vitals [View]

```
Needs Collection Height
Needs Collection Weight
Needs Collection Body Mass Index
Needs Collection Oral Exam
Needs Collection Tobacco Use
07/14/14 Hypertension Care Plan (View Plan)
04/30/14 Blood Pressure 120/80 mmHg
11/05/13 Depression Screening PHQ Score: 19 (View Plan)
          Functional Status:
11/05/13 Deaf/difficulty hearing - Yes
          Blind / difficulty seeing - Yes
07/24/13 Weight 24.95 kg (55 lbs)
07/23/13 Visual Acuity: both eyes; 20/13-1; correction
05/30/13 Body Mass Index 11.4 kg/m^2 (Plan - See PCP)
05/30/13 Height 97.79 cm (38.5 in), 87.08 %
05/30/13 Pulse 62 bpm
05/30/13 Respiration 18 rpm
05/30/13 Temperature 36.00 °C (96.8 °F)
          Tobacco Use: Yes - Cigarettes
03/15/13 Former smoker - greater than one year
            Work secondhand exposure
02/25/13 Length 165.10 cm (65 in)
```



Collecting Oral Exam Information in EHR

Identifying Undiagnosed Periodontal Disease in the Primary Care Setting

Collection		
©⊟ Oral Exam:		
✓ B Collected Date Time: 09/04/2014, 00:00 [Current Time]		
✓ ⊞ Last visit to a dental provider: [Clear]- 07/20/10		
* □Last periodontal exam/teeth cleaning (required):		
○ Date ○ Unsure ○ In the last year ○ In the last 3 months	○ In the last 6 months ○ In the last 9 months ○ More than a year	
 ✓ □ Does the patient have any natural teeth present?: [Clear] ⑥ Yes ○ No 		
✓ □ Did you conduct a visual oral examination today?: [Clear]		
□ Visual Oral Exam Observations (optional):		
□ Bad Breath □ Redness of the gums □ Tooth decay □ Oth □ Swollen gums □ Ulcers in the mouth □ Broken teeth □ Bleeding gums □ Red/White lesions in the mouth □ Missing teeth	her None Ink Here	
□ Refer to (optional): □ Internal Dentist (FHC) □ External Dentist	☐ Advised the patient to follow-up with their Dentist	
Done SAdd Comment		



· Visual Oral Inspection and Oral Health Education by Primary Provider

Identifying Undiagnosed Diabetes in the Dental Care Setting
 Identifying Undiagnosed Periodontal Disease in the Primary Care Setting

· Oral Examination by Dentist

References

· A Team Approach: Medical-Dental Collaboration

Predictive Modelling

JDR Clin Trans Res. 2018 Apr;3(2):188-194. doi: 10.1177/2380084418759496. Epub 2018 Feb 26.

Screening for Diabetes Risk Using Integrated Dental and Medical Electronic Health Record Data.

Acharya A¹, Cheng B², Koralkar R¹, Olson B¹, Lamster IB², Kunzel C³, Lalla E³.

- Best performing, parsimonious model that can be implemented in a dental setting for presence of prediabetes/diabetes:
 - Model 12: age, number of missing teeth, % of teeth with at least one pocket ≥5mm, and overweight/obesity;
 - Easily implementable with the routinely collected data in a dental setting;
 - Achieved an area under the ROC (Receiver Operating Characteristic) curve of 0.68 (95% CI: 0.659, 0.693);
 - Yielding a sensitivity (TPR) of 0.78 and a specificity (TNR) of 0.46;



Diabetes Risk Alert in EDR: Machine Learning Approach



```
Hide Dental Alerts & Medical Data
Diabetic Alerts
  Patient is at risk for Dysglycemia: Please consider referring to Primary Care
  Provider
 Observations
 Needs Collection Height
Needs Collection Weight
 Needs Collection Blood Pressure
 Needs Collection Fall Risk
 Needs Collection Body Mass Index
 Needs Collection Tobacco Use
 Needs Collection Blood Glucose Screening
 Needs Collection Functional Status
 06/05/16 Blood Pressure 120/80 mmHg
 06/05/16 Body Mass Index 33.6 kg/m^2
 06/05/16 Height 142.24 cm (56 in)
 06/05/16 Weight 68.04 kg (150 lbs)
 09/10/14 Falls: None
          Tobacco Use: Never
            No secondhand smoke exposure
Dental Alerts
  None
Family History
Needs Collection
Active Medications MedRec Required (Transition)
  Last Updated
     07/16/14
                  Albuterol (AccuNeb®) Inhalation 1.25mg/3 mL Nebu...
     07/15/14
                  ALPRAZolam 0.25mg Tablet 1 Tablet(s) (0.25 mg) by m...
```

Integrated Medical-Dental Enterprise Data Warehouse

- Comprehensive data warehouse, supporting business and research queries
- Contains about 10 million patient-years of data
- The availability of patient's medical and dental data is enabling several oral-systemic studies;
- Enabling development of quality improvement initiatives;

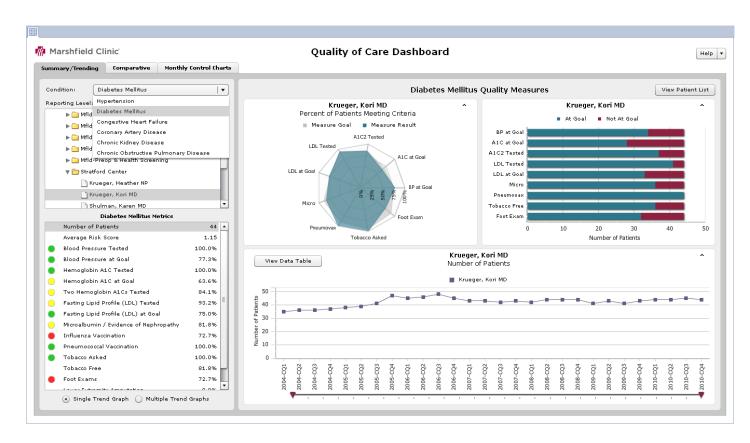




Physician Group Practice Demo

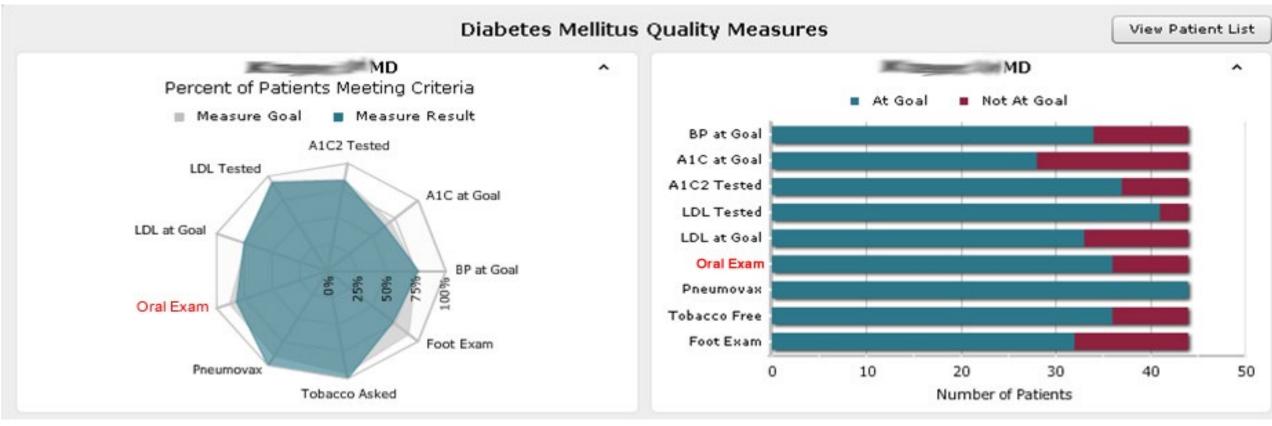
- MCHS 1 of 10 large PGP invited by CMS

 prove that providing high quality coordinated health care could also save \$;
- MCHS this year exceeded 98 percent of the quality measures;
- Saved > \$118 million over the 5
 performance years reported to
 Medicare program;
- Developing similar HIT infrastructure to managing oral-systemic diseases;



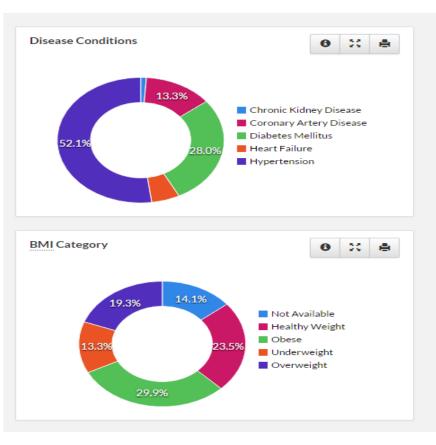


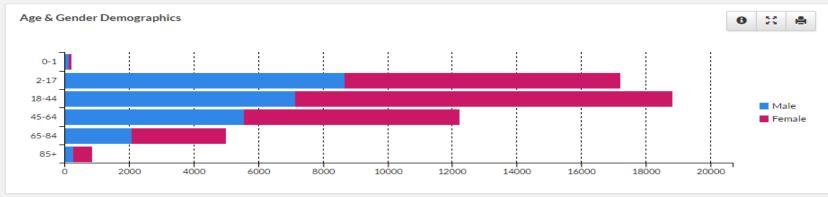
Extension of the Quality of Care Dashboard to Monitor Oral Health

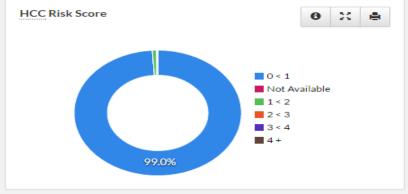


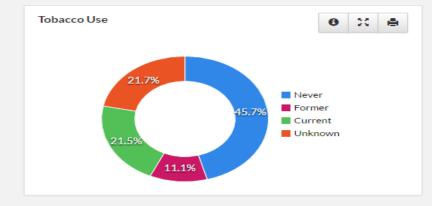


Population Health





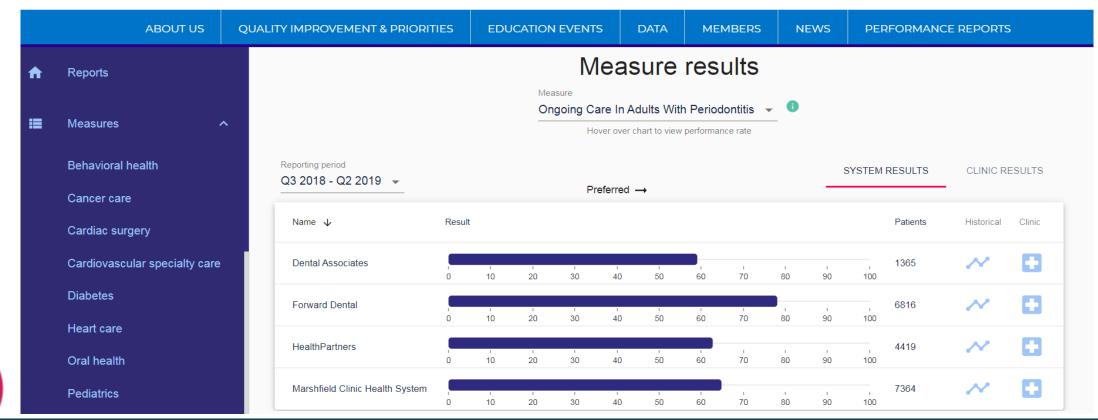




Dental Quality Improvement Initiatives

WCHQ has created the nation's first regional oral health collaborative.









After Visit Summaries & Patient Portals

After Visit Summaries: A Tool Whose Time Has Come for Use in **Dentistry**

Alice M. Horowitz, Lindsey A. Robinson, Man Wai Ng, and Amit Acharya* July 9, 2014

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*The authors are participants in the activities of the IOM Roundtable on Health Literacy.



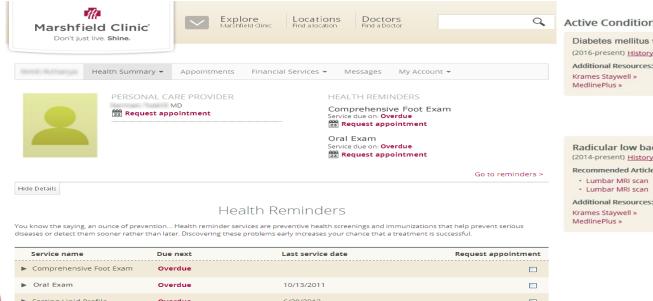
CONDITIONS AND DIAGNOSES

Conditions and diagnoses come in many shapes and sizes. Some are as minor as a cut that requires an urgent care visit while others might be life altering.



Procedures

View procedures »





View procedures »

Additional Resources:

Krames Staywell »

MedlinePlus »



Fasting Lipid Profile Overdue 6/20/2012 Overdue ▶ Pneumococcal





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Oral Health



SEALS

Sealant Efficiency Assessment for Locals and States (SEALS) is designed to capture, store, and analyze school sealant program data. Programs can use this information to evaluate the effectiveness of individual schoolsealant.programs by comparing the benefits (e.g., averted treatment) with the associated costs (e.g., resources used, labor hours). SEALS also allows programs to generate both an individual school sealant event report and a consolidated report summarizing all program school sealant events.

SEALS allows local sealant programs to evaluate their administrative and supply costs, and resources used to deliver services in schools. Using SEALS ensures uniform data collection across diverse programs. As a result, state oral health programs can use SEALS data to analyze the reach and effectiveness of local programs across their state. They can compare programs to identify best practices contributing to school sealant program efficiency and set benchmarks for per child costs and service delivery times.

SEALS log-in

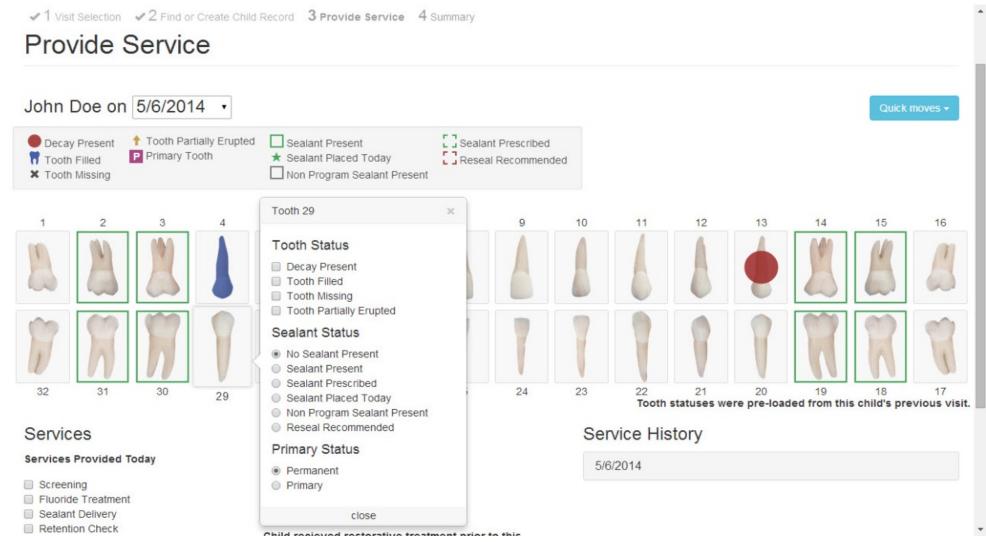






School-Based Oral Health Prevention Services







HHS Public Access

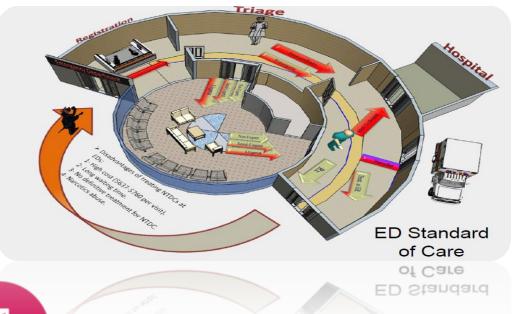
Author manuscript

Am J Dent. Author manuscript; available in PMC 2020 July 12.

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Feasibility of Establishing Tele-Dental Approach To Non-Traumatic Dental Emergencies In Medical Settings

Adham Abdelrahim, BDS, MSc^{a,b}, Neel Shimpi, BDS, MM, PhD^a, Harshad Hegde, BE, MS^a, Katelyn C Kleutsch^a, Po-Huang Chyou, PhD^c, Gaurav Jain, DDS^d, Amit Acharya, BDS, MM, PhD^a







- 1= Vital signs monitor
- 2= HD Conference Camera System
- 3= TV/Monitor
- 4= Telehealth cart
- 5= MouthWatch intraoral camera

Acknowledgements







SecurityHealth Plan.



A member of the Marshfield Clinic Health System











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"The best scientific thought is agreed that dentistry is a field of medicine. . . There is no logical right whatever to isolate [the oral cavity] from the rest of the body as if it were made up . . . of ivory pegs in stone sockets."

- Dr. Alfred Owre

Dean of Dentistry
University of Minnesota, 1905-27
Columbia University, 1927-33

Thank You!



Barriers to Information Sharing



Panel Discussion and Audience Questions









Webinar Evaluation

https://www.dentaquestpartnership.org/node/213235

*Must complete by EOD Wednesday, November 25 in order to receive CE credit

Upcoming Sessions:

- Oral Health Interoperability and Care Coordination November 17, 1:00 pm ET
- Social Determinants of Health and Oral Health IT Thursday, November 19, 10:00 am ET
- Oral Health System Transformation: Healthcare Data and Technology as a Driver for Health Improvement – Thursday, November 19, 1:00 pm ET

Sign up to receive our newsletter to get more information on future webinars!

