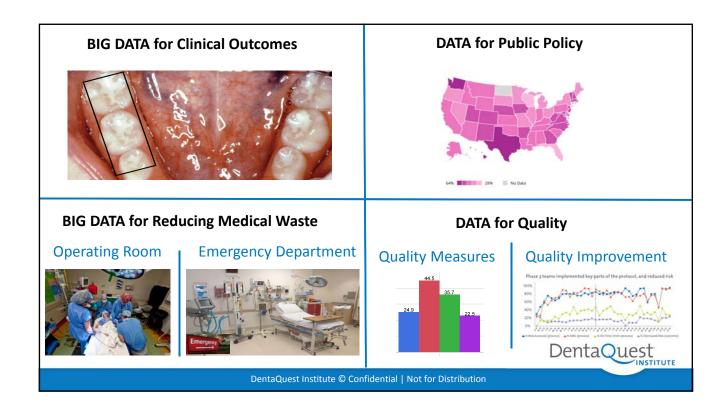
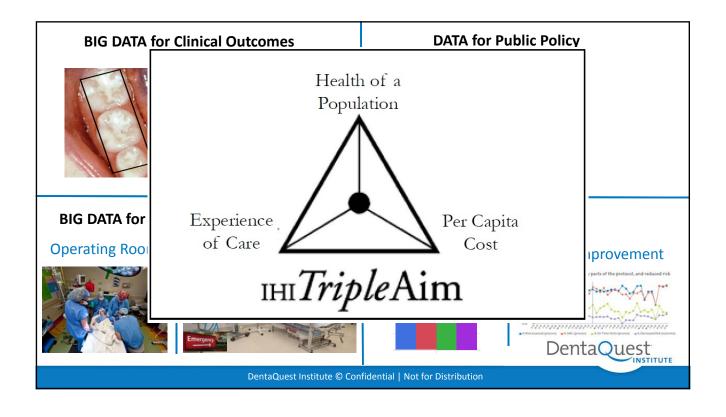


Transforming Big and SMALL Data in Oral Health

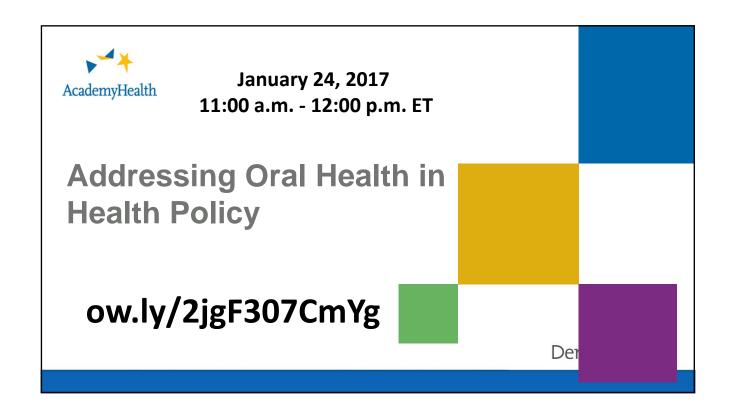
- It is not about the Data
- Oral Health Priority Conditions
- Medical Waste in Oral Health
- Big data for understanding trends & improving clinical outcomes
- "Small" data for quality improvement
- Training the next generation
- Enhanced user experience with Big data











Co-Moderators



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Chief Economist & Vice President - Health Policy Institute



Natalia I. Chalmers DDS, PhD

Director, Analytics and Publication - DentaQuest Institute

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Thomas Buchmueller, PhD

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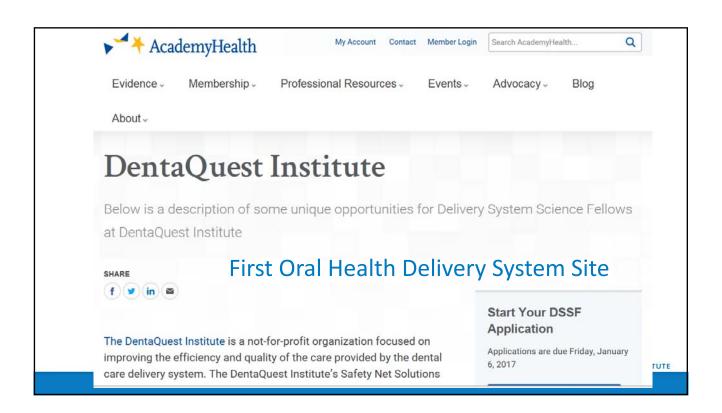


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DentaQuest Institute Mission and Approach

Mission: Improve the Oral Health of All Promote optimal oral health through efficient and effective care and prevention.



Knowledge -

Routine Practice

Basic Research Developing new knowledge on the etiology and epidemiology of disease

Applied Research

Think Tank Compiling, processing and disseminating information to inform

Quality **Improvement**

Assistance changes to improve care

Technical

DentaQuest Institute Approach



Oppor

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ment in Dentistry

Improving Quality in Dentistry: An Imperative for the Profession

What we know **DESIRED**

Natalia I. Chalmers, DDS, PhD DentaQuest Institute, Westborough, Mass.

Richard Scoville, PhD

Institute for Healthcare Improvement, Cambridge, Mass.

Adam Richman

DentaQuest Institute, Westborough, Mass.

James J. Crall, DDS, ScD UCLA School of Dentistry, Los Angeles, Calif.

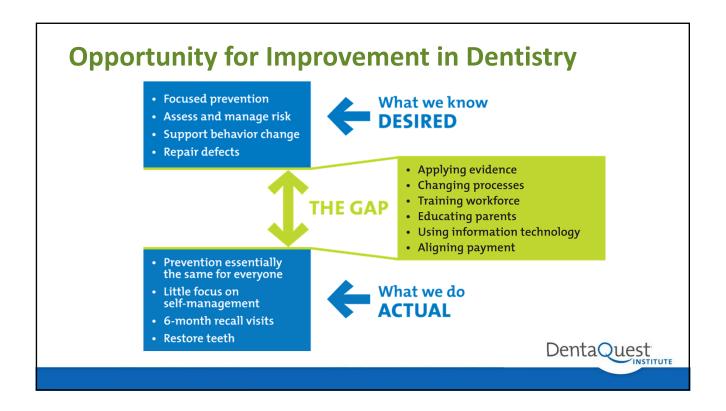
Krishna Aravamudhan, BDS, MS

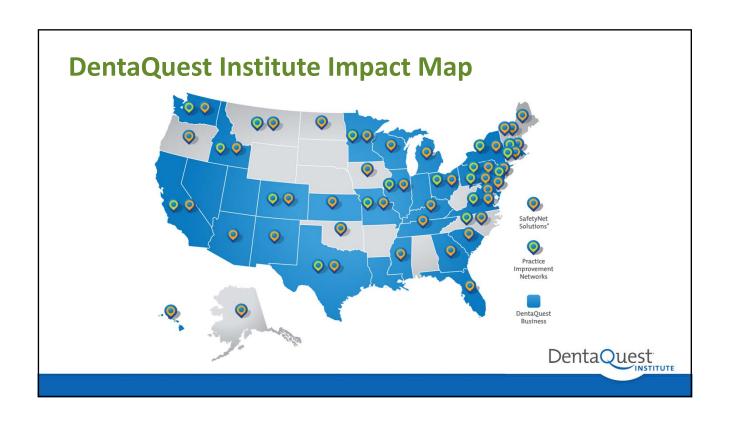
American Dental Association, Chicago, Ill.

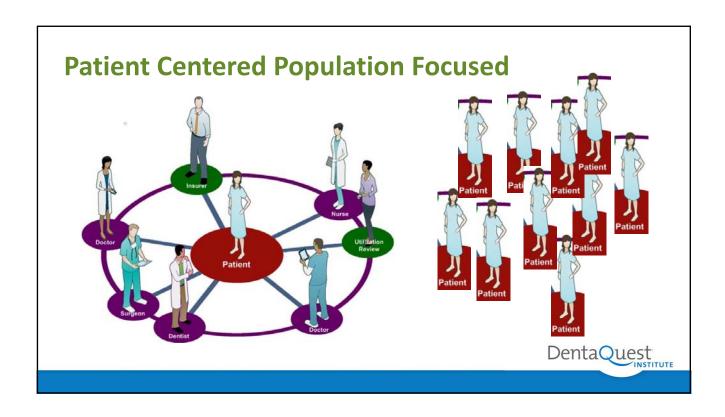
Man Wai Ng, DDS, MPH

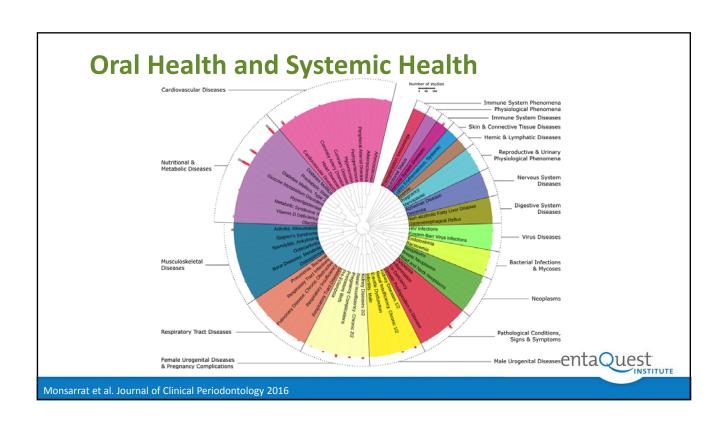
Boston Children's Hospital and Harvard School of Dental Medicine, Boston, Mass.

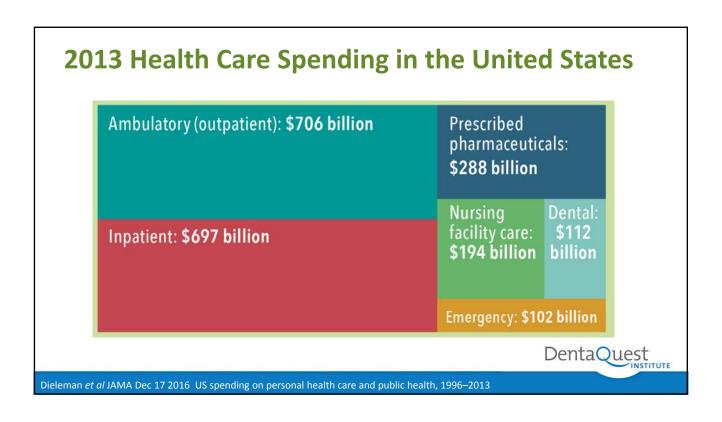


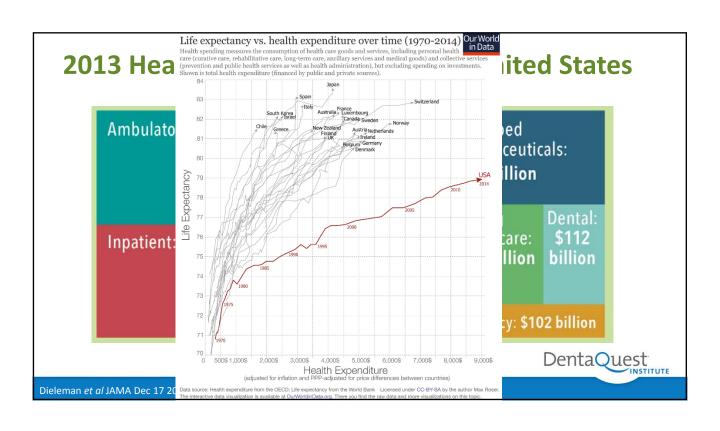


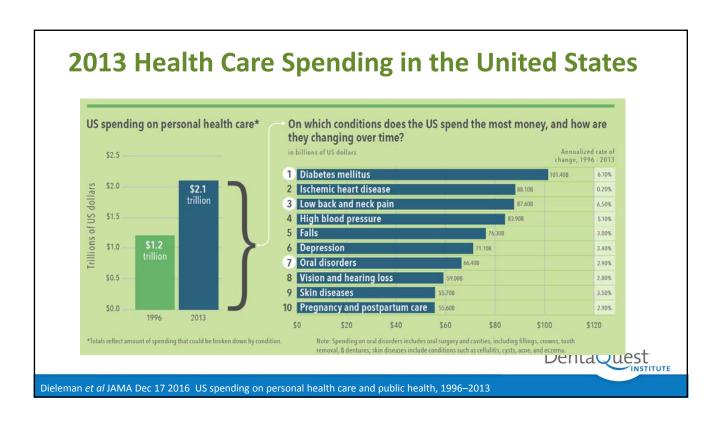


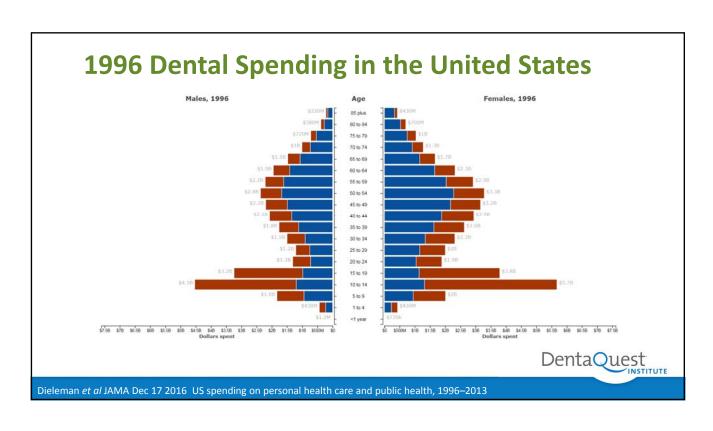


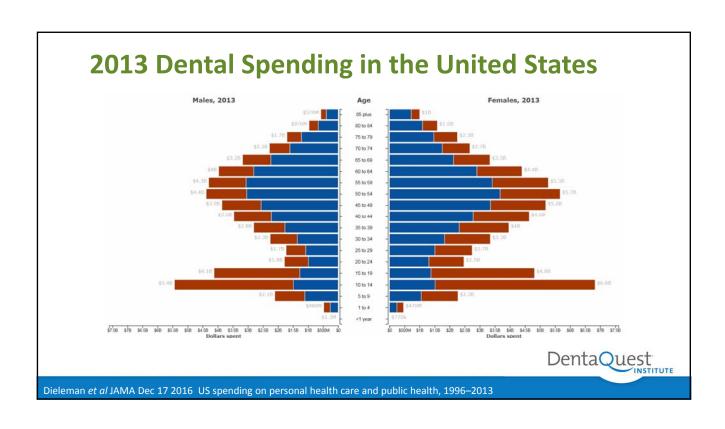


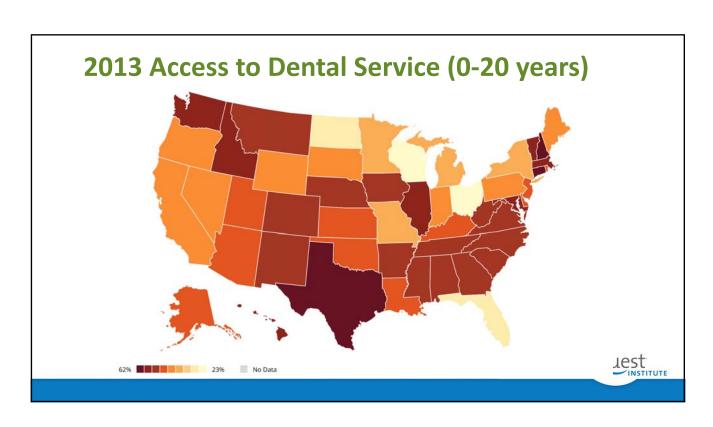


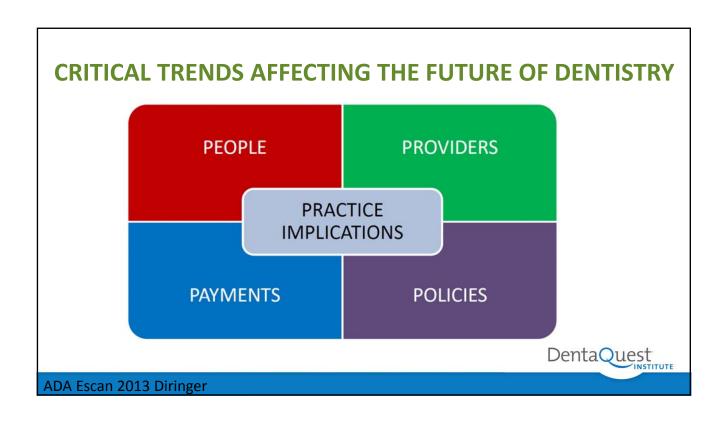




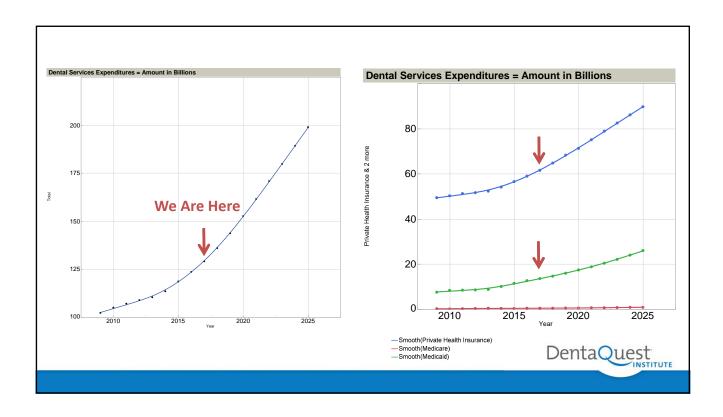


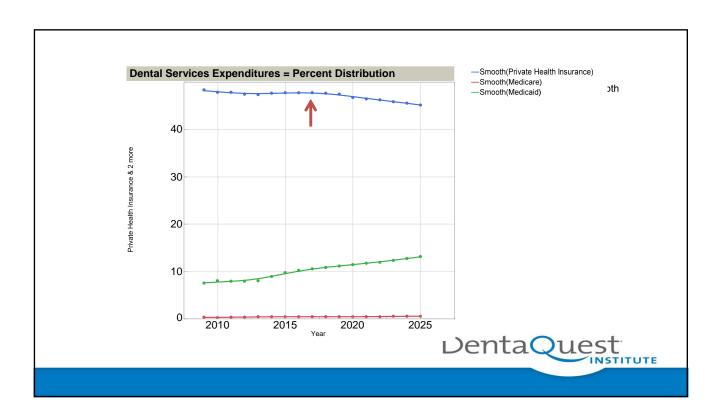












Priority Conditions

MEASURE PRIORITIZATION ADVISORY COMMITTEE REPORT

Prioritization of High-Impact Medicare Conditions and Measure Gaps

May 2010



National Quality Forum, 2010

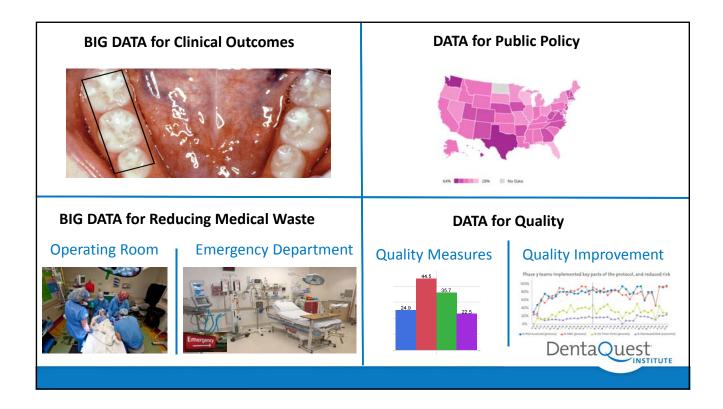
Priority Conditions

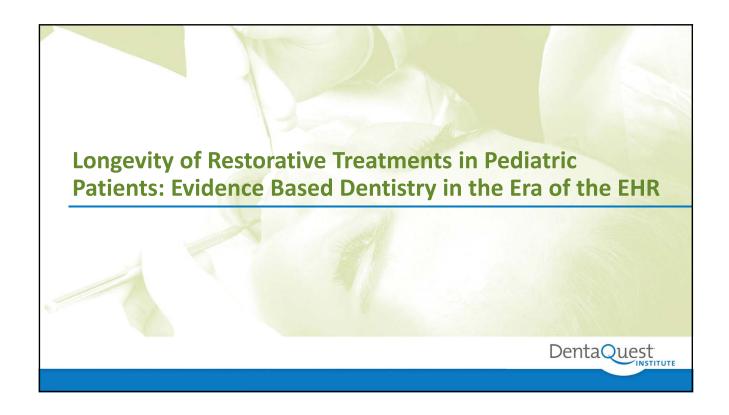
- Committee was charged with prioritizing the top 20 highimpact Medicare conditions
- The list of the top 20 highimpact Medicare conditions was provided to NQF by HHS, as those conditions that account for 95 percent of Medicare costs based on an analysis of claims in CMS' Chronic Conditions Warehouse

	Condition	Votes
1.	Major Depression	30
2.	Congestive Heart Failure	25
3.	Ischemic Heart Disease	24
4.	Diabetes	24
5.	Stroke/Transient Ischemic Attack	24
6.	Alzheimer's Disease	22
7.	Breast Cancer	20
8.	Chronic Obstructive Pulmonary Disease	15
9.	Acute Myocardial Infarction	14
10.	Colorectal Cancer	14
11.	Hip/Pelvic Fracture	8
12.	Chronic Renal Disease	7
13.	Prostate Cancer	6
14.	Rheumatoid Arthritis/Osteoarthritis	6
15.	Atrial Fibrillation	5
16.	Lung Cancer	2
17.	Cataract	1
18.	Osteoporosis	1
19.	Glaucoma	0
20.	Endometrial Cancer	0

ST.

National Quality Forum, 2010





Longevity of Restorative Treatments in Pediatric Patients: Evidence Based Dentistry in the Era of the EHR

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