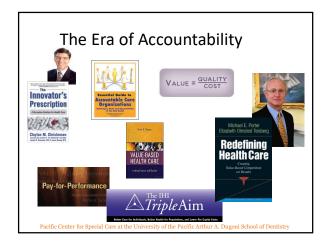


Paul Glassman DDS, MA, MBA University of the Pacific School of Dentistry , San Francisco, CA pglassman@pacific.edu

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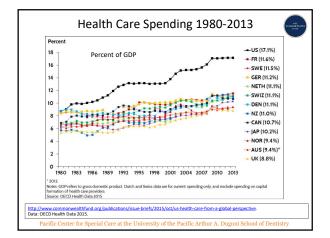


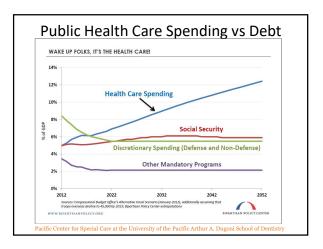
Drivers of the Quality/Accountability Movement in the U.S. Health Care System

- 1. the skyrocketing cost of health care unrelated to improvement in health outcomes,
- 2. increasing understanding of the harm and unwarranted variability our fragmented health care system produces,
- 3. evidence of the profound health disparities that still exist in the population in spite of scientific advances in care, and
- 4. increasing awareness of these problems in the age of consumer empowerment.

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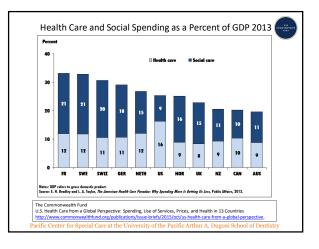
Drivers of the Quality Movement #1 – The Cost of Health Care

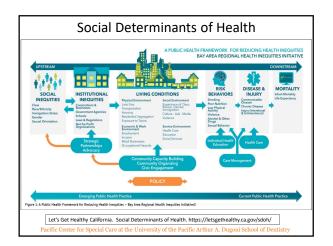


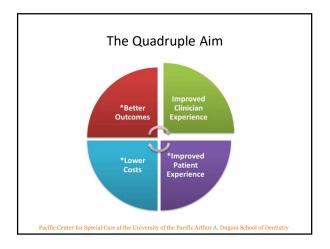






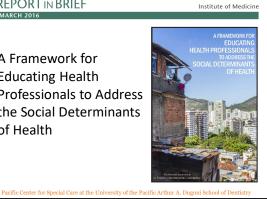


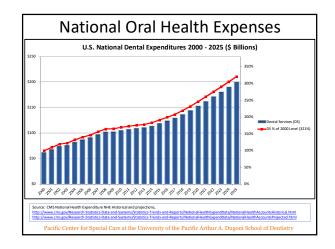


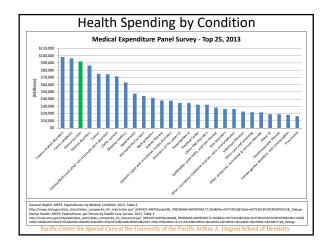


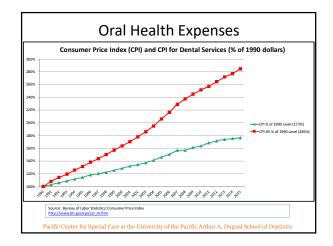
REPORT IN BRIEF MARCH 201

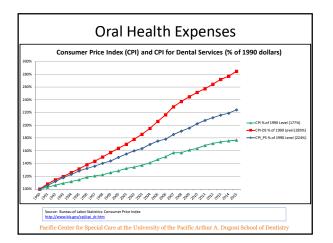
A Framework for **Educating Health Professionals to Address** the Social Determinants of Health

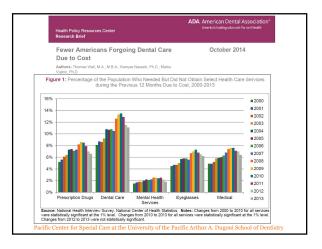


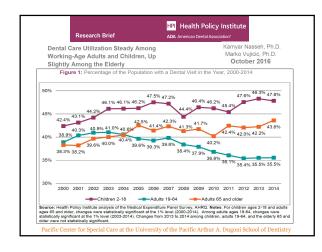




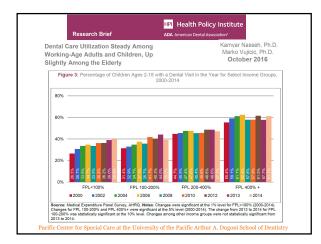


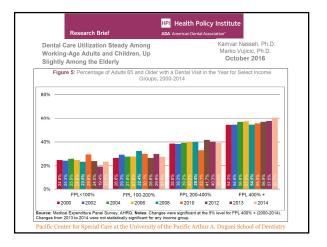


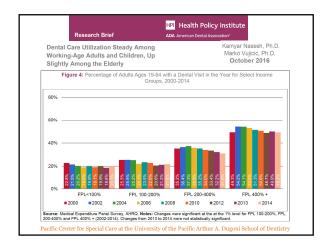


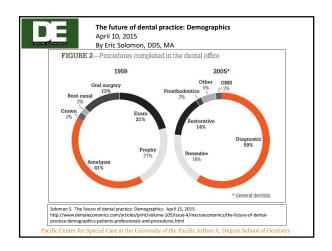


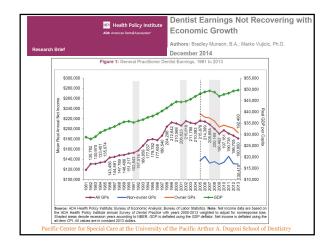
Dei	ntal Care U	tilization in	US
Age Group	Total Population	% Utilization	Utilizers
2-18	69,916,504	48.5%	33,909,504
20-64	195,794,862	36.0%	70,486,150
65+	47,760,852	43.7%	20,871,492
Total Utilizers	313,472,218	40.0%	125,267,147
Total Non-Utilizers		60.0%	188,205,071
		low income and sease than utilize	
Population Data: US Fact Fi	nder: https://factfinder.census.g	w/faces/tableservices/jsf/pages/pr	oductview.xhtml?src=bkmk
Pacific Center for Specia			

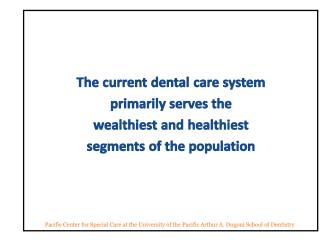


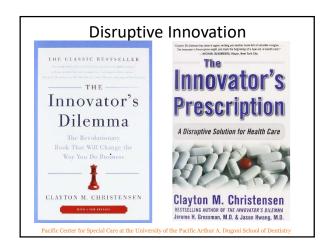




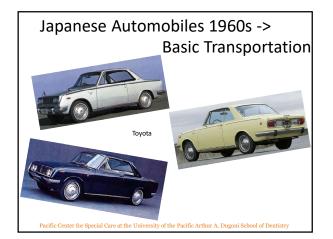














Disruptive Innovation

- Companies tend to innovate faster than their customers' needs evolve
- Their products or services become too sophisticated, too expensive, and too complicated for many customers in their market.
- Historically the greatest profitability has been achieved by charging the highest prices to their most demanding and sophisticated customers at the top of the market.

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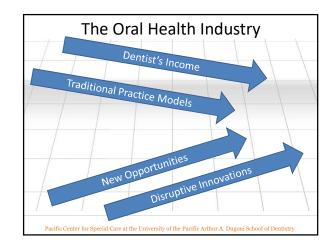
Disruptive Innovation

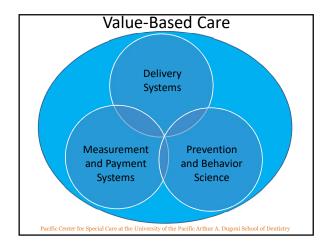
- However, by doing so, companies unwittingly open the door to "disruptive innovations" at the bottom of the market.
- An innovation that is disruptive allows a whole new population of consumers at the bottom of a market access to a product or service that was historically only accessible to consumers with a lot of money or a lot of skill.

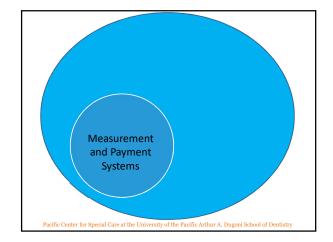
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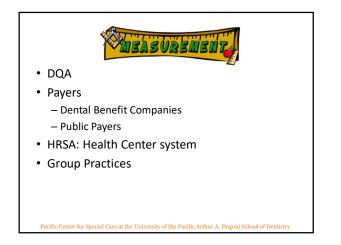
 Affordability, Accessibility

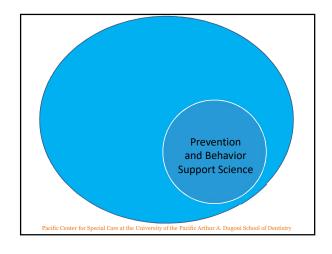
 Utilization

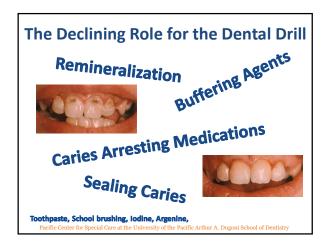




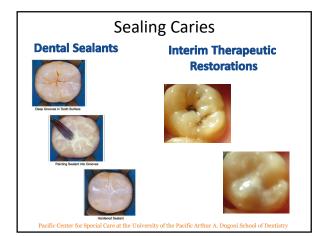


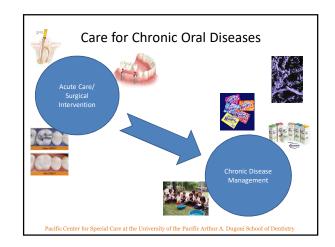


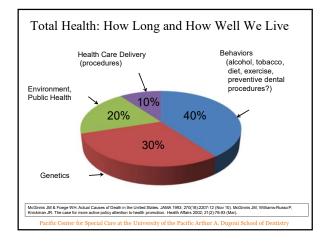




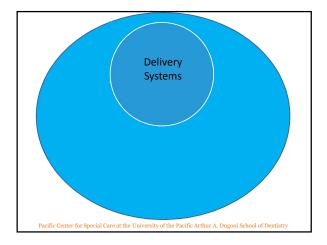


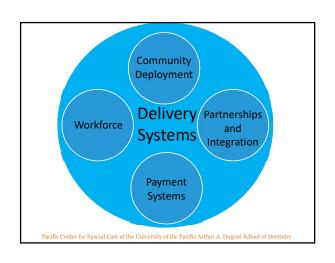












IOM – Workforce Recommendation

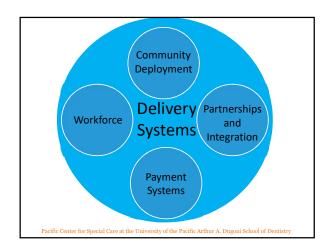
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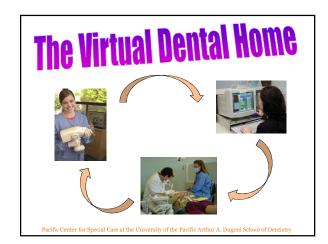


"..support the creation of a diverse workforce that is competent, compensated, and authorized to serve vulnerable and underserved populations across the life cycle."

Workforce

- Allied dental personnel
 - Community dental health coordinator
 - Expanded function dental assistants
 - Public/expanded function health dental hygienists
 - Dental therapists
- Non-dental personnel/interprofessional integration
 - Community-health workers
 - General health professionals physicians, nurses, etc.
 - Social service professionals
 - Educational system personnel family advocates,
 - teachers, etc. Pacific Center for Special Care at the University of the Pacific Arthur A. Dugoni School of Dentistry



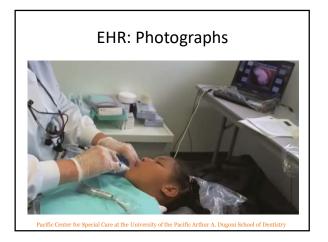


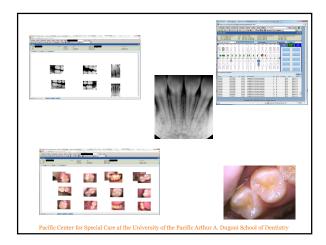


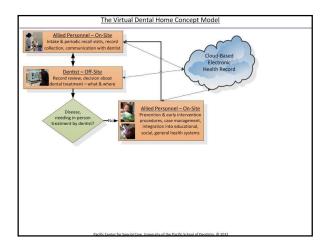














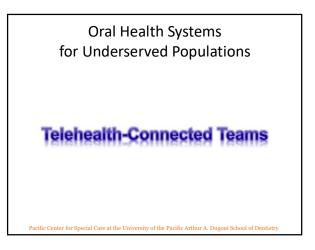
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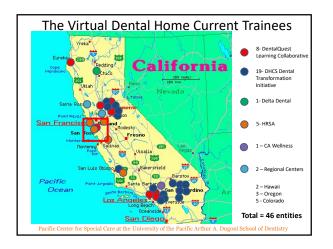


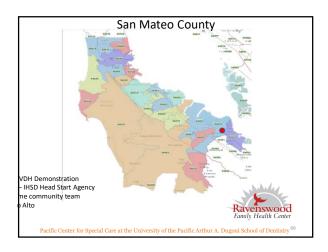
Telehealth-Connected Teams and Virtual Dental Homes Key Outcomes

- Reach people, emphasize prevention, and lower costs
- Majority of people kept and verified healthy on-site – About 2/3 of children had all needed services
- completed by dental hygienist
- Continuous presence
- Community organization integration
- Dentist integration

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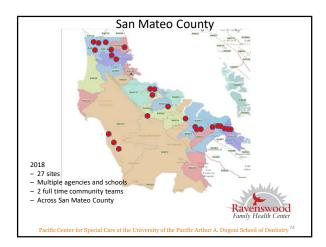


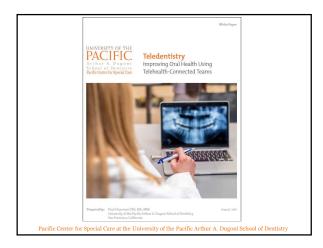












The Legal and Regulatory Environment

There are a number of legal and regulatory issues to consider when designing or implementing a telehealth-connected system of care. These issues are briefly described here.

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Legal and Regulatory Environment

Ability to use telehealth

- Scope of practice laws, regulation, interpretation
 - Ability of allied personnel to collect diagnostic records prior to a patient being seen by a dentist
 - Ability of allied personnel to perform procedures in locations separate from dentists
 - Understanding that dentists can develop a diagnosis and treatment plan without an in-person visit with the patient

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Dentist Examination

• ADA Definition

- (CDT 2016) defines a dental examination. It is a "thorough evaluation and recording of the extra oral and intraoral hard and soft tissues. It may require interpretation of information acquired through additional diagnostic procedures."
- There is additional definition of "Clinical Oral Evaluations" which is "the codes in this section recognize the cognitive skills necessary for patient evaluation. The collection and recording of some data and components of the dental examination may be delegated; however, the evaluation, which includes diagnosis and treatment planning, is the responsibility of the dentist."

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Legal and Regulatory Environment

Ability to be paid for services performed using telehealth technologies

- Principle: consider telehealth technologies as communication tools, distinct from the health services that are being provided.
- Require payors to pay for covered services whether performed in-person or with the use of telehealth technologies
- Include store-and-forward as well as real time Pacific Center for Special Care at the University of the Pacific Arthur A. Dugoni School of Dentistry

Legal and Regulatory Environment

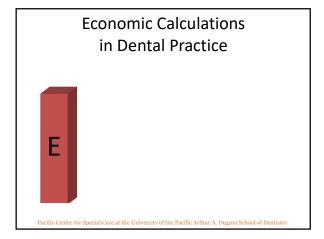
Ability to be paid for services performed using telehealth technologies

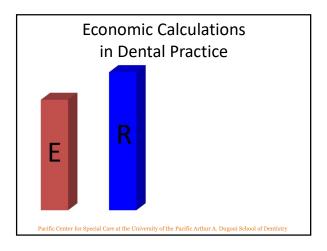
- Suggested language:
- "face-to-face contact between a health care provider and a patient is not required for services performed using real time or store-andforward teledentistry."

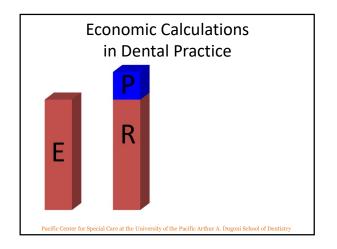
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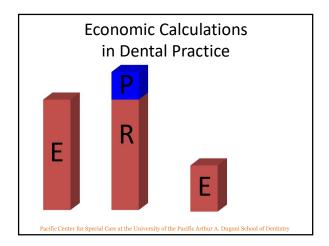


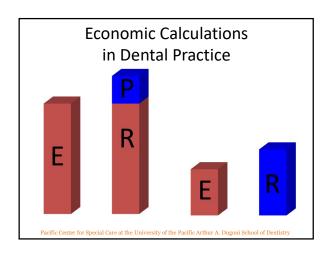


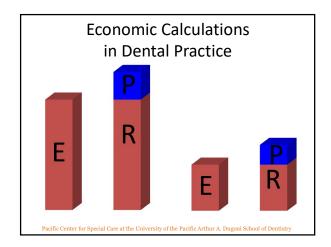


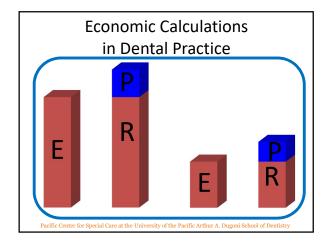


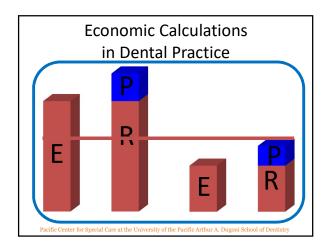


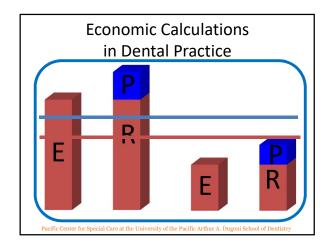














Dental Care in the Future

- Dental Practice =
 - Geographically distributed

- Telehealth enabled

- Oral health teams



- Chronic disease management
 - using biological, medical, behavioral, and social tools
- Integrated with general health, educational, and social service systems
- Interacting with the majority of the population
- Focused on oral health outcomes in the
 Era of Accountability Padific Center for Special Care at the University of the Padific Arthur A. Dugoni School of Dentistry

