

### Acknowledgements

This training was produced by Jennifer Byrne, MSc, the Sonoma County Department of Health Services' Dental Health Program, and the California Department of Public Health's Office of Oral Health. This project was supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) under grant number H47MC28480, Children's Oral Healthcare Access Program for a total award of \$1,000,000. This information or content and conclusions are those of the author and should not be construed as the official position or policy of, nor should any endorsements be inferred by HRSA, HHS or the U.S. Government.



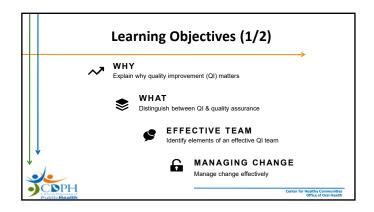
Center for Healthy Communiti Office of Oral Heal

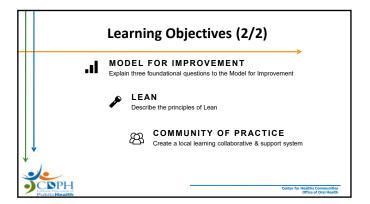
### **Introductions**

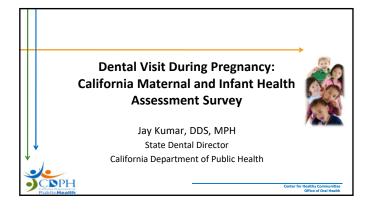
- Training Guide COHTAC Website: https://oralhealthsupport.ucsf.edu
- Chat Box Technical difficulties
- Q&A Box Ask a question

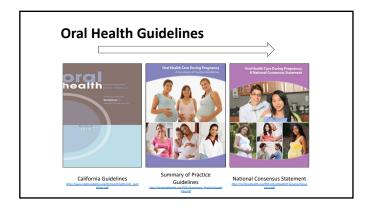


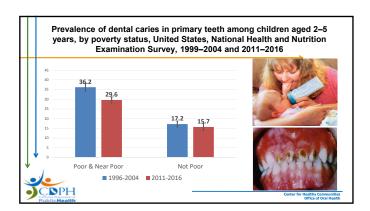
Center for Healthy Communit

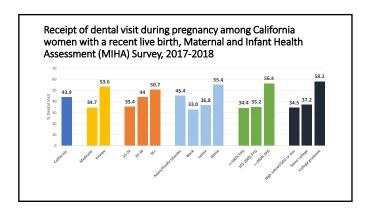


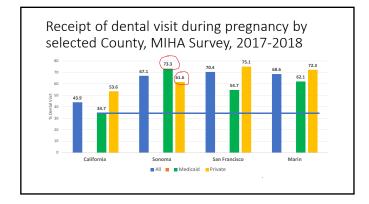


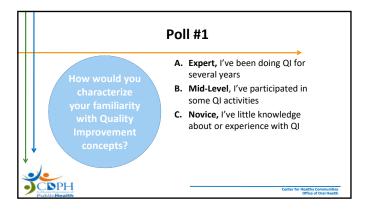




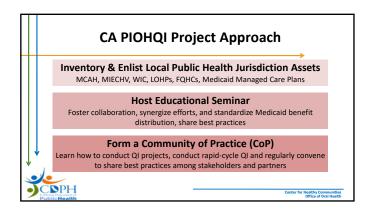


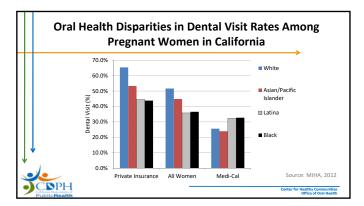




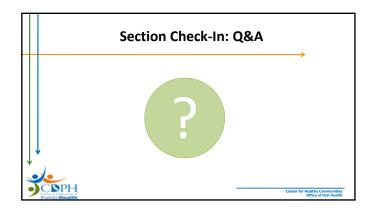


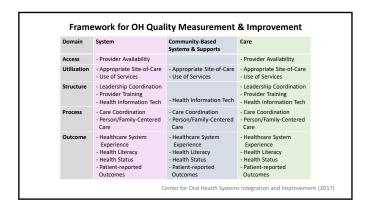
# Background: CA PIOHQI • 5-year Perinatal Infant Oral Health QI Project awarded by HRSA to CDPH 2015 • Two Primary Aims: 1) Increase by 15% (over state baseline) the percent of women who receive oral healthcare during pregnancy 2) Increase by 15% (over state baseline) the percent of infants who receive preventive oral healthcare • Methods: Develop & implement state-level systems & policy changes

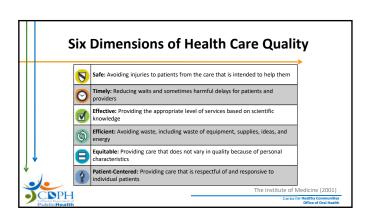


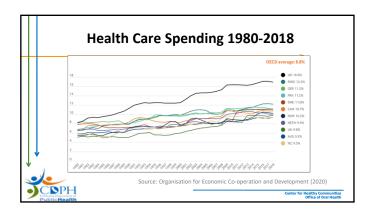


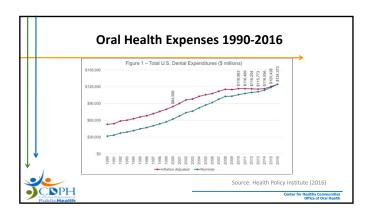
# Profound health disparities exist among populations including: - Racial and ethnic minorities - Individuals with disabilities - Elderly individuals - Individuals with complicated medical conditions and social situations U.S. Department of Health & Human Services, Oral Health in America: A Report of the Surgeon General (2000) Paul Glassman, Oral Health Quality Improvement in the Era of Accountability (2013) Contact for Intellity Counseling







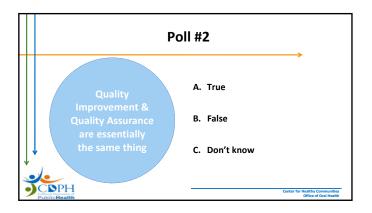




# Other Drivers of Quality Improvement in Healthcare Increasing understanding of the harm and unwarranted variability our fragmented health care system produces Raising awareness of these problems in the age of consumer empowerment Paul Glassman, Oral Health Quality Improvement in the Era of Accountability (2013)

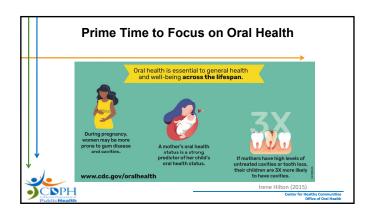
	The Era of Accountability
	The Triple Aim     ONE     NEE
	Defining Value
	National Initiatives
→ <b>%</b> •\	Paul Glassman, Oral Health Quality Improvement in the Era of Accountability (2013)  Center for Health Communities Office of One Mealth  Public Health

## Quality Improvement (QI) Defined Quality improvement in public health is the use of a deliberate and defined improvement process, such as Plan-Do-Study-Act, which is focused on activities that are responsive to community needs and improving population health. - National Association of County and City Health Officials Quality improvement in health care consists of systematic and continuous actions that lead to measurable improvement in health care services and the health status of targeted patient groups. - U.S. Department of Health and Human Services Health Resources and Services Administration



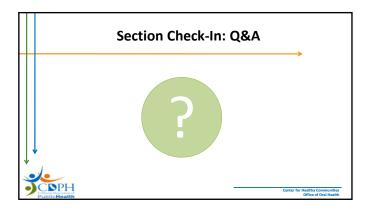


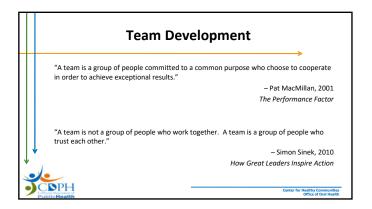
### Access to high-quality oral healthcare is essential to reducing prevalence of oral disease among high-risk populations (CA MIHA, 2020) Pregnancy and infancy offer unique QI opportunities in the clinical environment Safety-net medical and dental clinics are uniquely poised to test QI interventions (AHRQ, 2018)

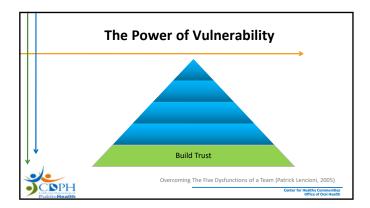


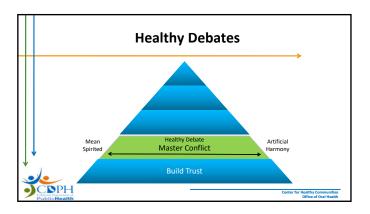
### Prime Time to Focus on Oral Health Routine dental treatment safe during pregnancy Oral healthcare more accessible to low-income populations during pregnancy & childhood Increase healthcare touchpoints (prenatal & well-child visits) boost oral health screening, education and referral opportunities

## Prime Time to Focus on Oral Health - Introduce risk-reduction & self-management strategies - Stabilize periodontal & caries status - Promote lifelong engagement with a dental home



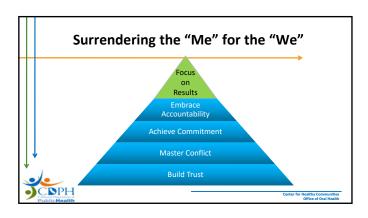






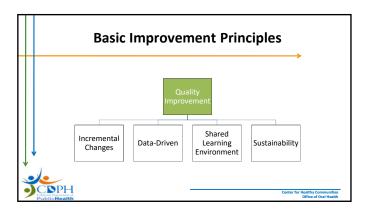


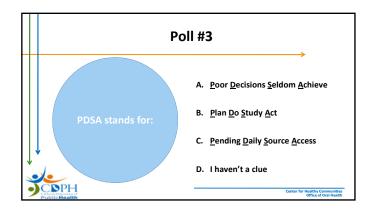


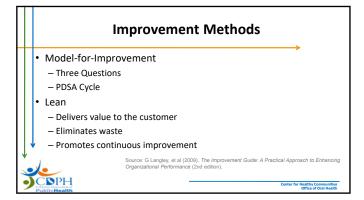


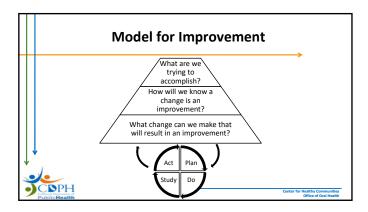
## \*\* Fosters multidisciplinary representation \* Shifts management paradigm to team paradigm \* Recognizes the value of the customer

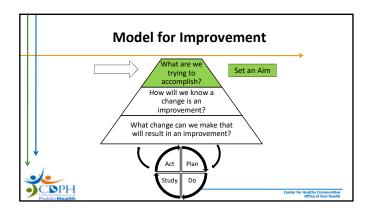
## "While all changes do not lead to improvement, all improvement requires change." — Institute for Healthcare Improvement "People don't buy what you do, they buy why you do it." — Simon Sinek The Power of Why

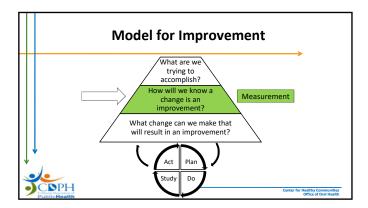


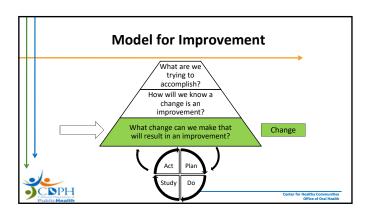




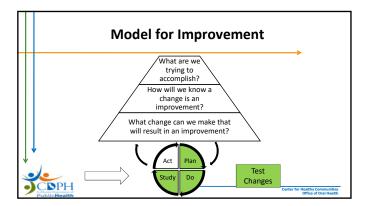


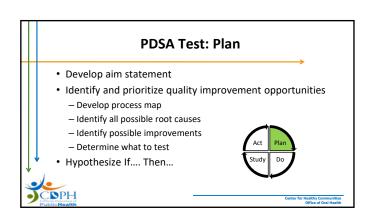




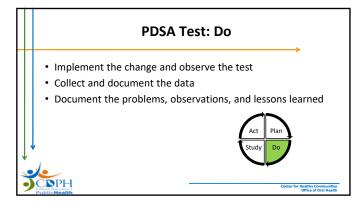


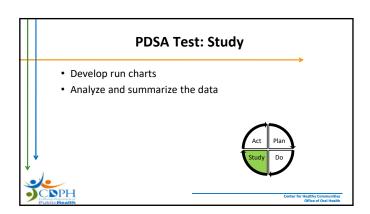




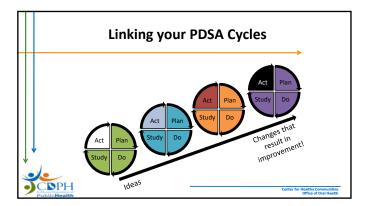


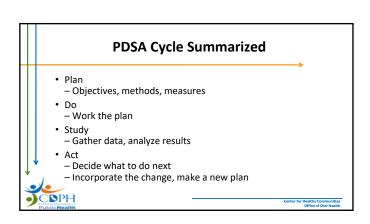
## PDSA Test: Plan • Plan the test: action plan - Who (target population) - What (change/test) - When (dates of the test) - Where (location) - How (description of the plan) • Detail data collection plan - What - How

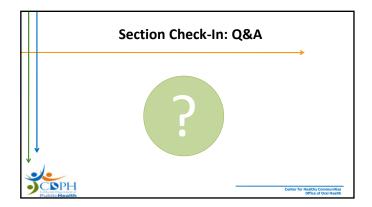




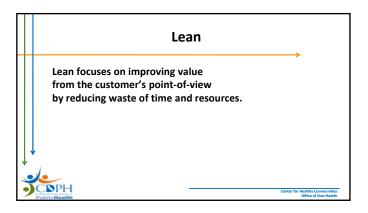
## PDSA Test: Act • Take action: - Adopt: Standardize but monitor! - Adapt: Change and repeat - Abandon: Start cycle process over again Act Plan Study Do Counter for industry, Communities Counter for industry, Counter for











### Why Focus on Process?

- 85% of the opportunity to provide customer value lies in our processes
- Nearly every tangible output, service or product is the result of a process
- Process steps require and/or consume resources
- Characteristics of processes can be standardized



Center for Healthy Communitie Office of Oral Healt

### Why Implement Lean?

- Reduce waste and costs
- Increase productivity
- Improve processing time and quality of services
- Meet customer expectations
- Respond to increased demand for services
- Adjust to (or acknowledge) limited resources



Center for Healthy Communi Office of Oral He

### **Lean Philosophies**

- Customer-Focus
- Respect
- Data-Driven Decisions
- Results
- Accountability
- Excellence



Center for Healthy Communiti Office of Oral Heal

### **3 Types of Work in Every Process**

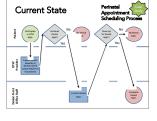
- Value-Added: Any step in the process that improves the product/service for the customer
- Non-Value-Added: Waste
- Business-Necessary: Required by law, regulation, policy



Center for Healthy Communitie

### **Process Mapping**

- A Lean-Management method for visually depicting the series of events in a process from its beginning through to the customer
- Helps elucidate areas to target for improvement



Center for Healt

### Waste

 Anything in the process that uses time and resources but does not add value in the eyes of the customer

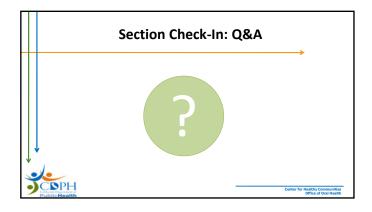


Center for Healthy Comr Office of Ora



### Community of Practice 2/2 Key CoP Takeaways: Garner clinic leadership support Enlist QI Champions Engage & share regularly w/ CoP members Use turnkey tools and practical examples Have accessible data Work to overcome technology barriers (practice management/EDR) Maintain patience

# Lessons Learned Why Quality Improvement (QI) Matters How QI Differs from QA Elements of an Effective QI Team Stages of Change and How to Manage Them Model-for-Improvement Lean Community of Practice



### Part 2's Agenda Part 2 of this webinar series will demonstrate how to: Develop SMARTIE goals and objectives Create process maps using Lean methodology Identify QI opportunities Test small process changes Identify, develop, and interpret data metrics Explain a case-study example Identify QI tools and resources to share with your dental teams

# Additional Resources (1/2) American Society for Quality The American Society for Quality offers a variety of online and in-person training courses to help advance knowledge and application of quality improvement. Training costs vary. https://asq.org/training/catalog#f:@freftopics86028=[Basic%20Quality California Department of Public Health The California Department of Public Health provides a variety of resources that highlight why dental QI is important and efforts to improve oral health outcomes for pregnant women, infants and young children through the PIOHQI Project. https://www.cdph.ca.gov/Programs/CCDPHP/DCDIC/COCB/Pages/OralHealthProgram/OralHealth Program.aspx Center for Healthy Communities (Office of Oral Health)

	Additional Resources (2/2)
4	→ · · · · · · · · · · · · · · · · · · ·
1	National Association of County and City Health Officials
1	The National Association of County & City Health Officials has a compendium of Quality Improvement Training Resources. They also have tools to help assess QI maturity, develop a QI plan, provide QI
1	training and resources to staff, prioritize and select QI projects and implement QI projects.
1	http://qiroadmap.org/wp-content/uploads/2013/01/QIRoadmap.pdf https://www.naccho.org/programs/public-health-infrastructure/performance-improvement/quality-
1	improvement
1	
	Prosci
1	Prosci's AKDAR (Awareness, Desire, Knowledge, Ability, Reinforce) is a change-management model that provides a framework for guiding individual and organizational change. As quality improvement
٧	inevitably demands a change in organizational culture and processes, AKDAR helps to "pave the way"
1	for successful change. Costs vary. <a href="https://www.prosci.com/">https://www.prosci.com/</a>
•	Center for Healthy Communities Office of Oral Health