

Open Wide: Dental Safety and Quality, from sealants, to scaling, to sedation

Monday, December 9

Full-Day Workshops: 8:30 AM – 4:00 PM

Time	Topic	Presenter
7:00 AM - 8:30 AM	Breakfast	
8:30 AM - 8:40 AM	Welcome	Elsbeth Kalenderian
8:40 AM - 9:00 AM	Dental Patient Safety Overview	Alfa Yansane
9:00 AM - 9:30 AM	Keynote	Jason Leitch
9:30 AM - 10:00 AM	Dental Pain and Sedation Safety	Helen Lee
10:00 AM - 10:30 AM	Morning Break	
10:30 AM - 11:30 AM	Safety Short Talks 1. Dental Patient Safety Foundation 2. ADA: Culture of Patient Safety 3. The Patient Perspective 4. Call for Interprofessional Pain education	1. Elsbeth Kalenderian 2. Steve Geiermann 3. Eni Obadan-Udoh 4. Heiko Spallek
11:30 AM - 12:00 PM	Dental Safety Open Discussion	Gregory Heintchel, Moderator
12:00 PM - 1:00 PM	Lunch	
1:00 PM - 1:30 PM	Dental Quality Overview	Muhammad Walji
1:30 PM - 2:00 PM	Preventive Dental Quality Measures (Caries Risk → Prevention → Outcome)	Joel White
2:00 PM - 2:30 PM	Dental Quality Learning Consortium/ Call to Action	Elsbeth Kalenderian
2:30 PM - 3:00 PM	Afternoon Break	
3:00 PM - 3:45 PM	Dental Quality Short Talks 1. Cost and Quality 2. Striving for high quality in everyday Dental Practice 3. Using technology to drive quality	1. Stefan Listl 2. Joanna Mullins & Ryan Brandon 3. Heiko Spallek
3:45 PM - 4:00 PM	Summary	Krishna Aravamudhan

Presenter Bios

Elsbeth Kalenderian DDS, MPH, PhD

Dr. Kalenderian received her DDS-degree in 1983. As a Fulbright Scholar she completed her Oral and Maxillofacial Surgery residency in 1986 and received an MPH from Harvard in 2007. In 2013 she obtained a PhD. After a nine-year period at Harvard School of Dental Medicine she moved to the University of California, San Francisco to become Chair of Preventive and Restorative Dental Sciences at the University of California, San Francisco. As a research professor, she currently leads multiple NIH funded research projects focused on quality improvement and patient safety in the dental setting.

Alfa Yansane, PhD

Dr. Yansane is an Assistant professor of Biostatistics in the Department of Preventive and Restorative Dental Sciences at University of California, San Francisco (UCSF) School of Dentistry. He received his MA in Biostatistics from Harvard University in 2007, and a PhD in Biostatistics from Harvard University in 2012. His research interests include dental patient safety, and dental health care quality.

Jason Leitch DDS, MPH

Dr. Leitch has worked for the Scottish Government since 2007. He is an honorary professor at the University of Dundee. From 2005 to 2006 he was a Quality Improvement Fellow at the Institute for Healthcare Improvement, in Boston, sponsored by the Health Foundation. Dr. Leitch is also a trustee of the UK wing of the Indian Rural Evangelical Fellowship which runs orphanages in southeast India. He qualified as a dentist in 1991 and was as a Consultant Oral Surgeon in Glasgow. He has a doctorate from the University of Glasgow, a Master of Public Health from Harvard and is a Fellow of the Royal College of Surgeons of England, the Royal College of Physicians and Surgeons of Glasgow and the Royal College of Surgeons of Edinburgh. He is also a Fellow of the Higher Education Academy.

Helen Lee, MD, MPH

Dr. Helen Lee is an Assistant Professor at The University of Illinois at Chicago (UIC) College of Medicine and an Adjunct Assistant Professor in the Department of Pediatric Dentistry at UIC College of Dentistry. She completed her medical education from University of North Dakota School of Medicine, and her residency from University of Chicago. She is a board certified Anesthesiologist and her research interests include pediatric anesthesiology, public health and oral health research.

Steve Geiermann, DDS

Dr. Geiermann received his DDS from University of Michigan School of Dentistry in 1983. Dr. Geiermann is a former U.S. Public Health Service Commissioned Officer who has worked within public health settings for the majority of his career seeking to provide greater access to oral health care for the underserved. Upon retirement from the USPHS, he chose to continue that advocacy under the umbrella of the American Dental Association, which seeks to advocate for both the public and the profession.

Eni M. Obadan-Udoh, DDS, MPH, Dr. Med. Sc.

Dr. Obadan-Udoh is an Assistant Professor and Director of the Dental Public Health Postgraduate Program at the University of California, San Francisco, School of Dentistry. Her long-term goal is to advance dental quality improvement and patient safety research. A Diplomate of the American Board of Dental Public Health, Dr. Obadan-Udoh obtained her dental degree (DDS) from the University of Lagos, Nigeria, and a master of public health (MPH) degree, with a concentration in health care management and policy, from the Harvard T.H. Chan School of Public Health. She completed her doctoral training (DrMedSc) with the Department of Oral Health Policy and Epidemiology at the Harvard School of Dental Medicine, where she received the James Dunning Award for Overall Achievement in Research Training in Public Health Dentistry.

Heiko Spallek DMD, PhD, MSBA

Dr. Heiko Spallek serves as Head of School and Dean at the University of Sydney School of Dentistry. Additionally, he was appointed Academic Lead Digital Health and Health Service Informatics, Faculty of Medicine and Health, the University of Sydney. Prior to joining the University of Sydney, Dr. Spallek served as Associate Dean for Faculty Affairs at the University of Pittsburgh, School of Dental Medicine where he co-founded, and lead as Executive Director, the Center for Informatics in Oral Health Translational Research. In 1993, Professor Spallek graduated from the School of Dentistry, Humboldt University Berlin where he continued his career and was appointed as a faculty in the Department of Periodontology and also received his PhD in the field of dental material sciences. While being faculty at Temple University School of Dentistry, Philadelphia, he earned an MSBA with a concentration in Computer and Information Science from the Fox School of Business and Management at Temple in 2000. Dr. Spallek is a graduate of the American Dental Education Association's Leadership Institute.

Gregory Heintschel, DDS

Dr. Gregory Heintschel is the Chair of Oral Health and Dentistry at The MetroHealth System. Dr. Heintschel works in collaboration with the Case Western Reserve University (CWRU) School of Dental Medicine and other departments at MetroHealth to ensure excellence in access, patient safety, quality and patient experience. Prior to joining MetroHealth, Dr. Heintschel served in various leadership roles at *My Community Dental Centers*, a Michigan-based nonprofit dental corporation. Dr. Heintschel earned his DDS from The Ohio State University and an MBA from Lawrence Technological University in Southfield, MI. In 2016, Dr. Heintschel was appointed by the Governor of Michigan to be the Director of the State Dental Board.

Muhammad Walji MS, PhD

Dr. Muhammad Walji is the Associate Dean for technology services and informatics and a professor in the Department of Diagnostic and Biomedical Sciences at the University of Texas Health Science Center at Houston (UTHealth) School of Dentistry. He received his MS from UTHealth School of Biomedical Informatics, Houston in 2002 and a PhD in 2006. His research interests are focused on using informatics approaches to improve the quality and safety of oral health. He serves as the principal investigator of an NIDCR-funded study titled, "Developing a Patient Safety System for Dentistry," which has the goal of identifying adverse events in dentistry. Additionally, he is principal investigator/ multiple principal

investigator on four NIH funded patient safety/quality improvement focused research projects. He leads a multi-institutional team that has developed the BigMouth Dental Data Repository, which currently contains de-identified data on more than 3 million patients, derived from EHRs from five dental schools.

Joel White DDS, MS

Dr. White received his DDS from The Ohio State University, and his MS in dental materials from the University of Michigan. He is a professor in the Department of Preventive and Restorative Dental Sciences. Dr. White chairs He chairs the Division of Preclinical Education, Biomaterials and Engineering, and is a provider in the General Dentistry Faculty Clinic of UCSF Dental Center, providing general dental care since 1987 for multiple generations of patients in Faculty Group Practice. Dr. White teaches clinical dentistry to predoctoral dental students and Advanced Education in General Dentistry residents. His research interests include patient safety and dental quality improvement.

Stefan Listl MD, PhD

Dr. Stefan Listl is a dentist and economist. He is full professor in Quality and Safety of Oral Health Care (Radboud University) and director of Translational Health Economics (Heidelberg University). He studied at the universities of Regensburg, York, and Mannheim. Since 2009, he has been working in various positions for Heidelberg University, University of Mannheim, McMaster University, New York University, and Harvard University. Stefan Listl currently holds affiliations with the Max Planck Society, the International Consortium for Health Outcomes Measurement (ICHOM), the FDI World Dental Federation Vision 2020 Think Tank, and the International Centre for Oral Health Inequalities Research and Policy (ICOHIRP). His research activities have been supported by institutions such as the European Commission and NIH (USA).

Joanna Mullins, BSDH, RDH

Joanna Mullins is the Director of Clinical Strategy and Service Operations for Willamette Dental Group. She began working with the company in 1999 as a practicing dental hygienist, and continues to see patients on a regular basis. She received her BS in Dental Hygiene from Oregon Institute of Technology in 1999 and an MS in Health Informatics in 2017 from University of Cincinnati.

Ryan Brandon

Ryan is a HealthCare Technology Consultant with Willamette Dental Group (WDG). He is an experienced software development executive with proven success in the creation of best in class products and delivery of white glove services. He is an accomplished leader of product development, customer service and professional service teams. He obtained his Bachelor of Science (BSc) degree in Mathematics and Computer Science from Simon Fraser University in 1994.

Krishna Aravamudhan, BDS, MS

Dr. Aravamudhan is a Senior Director at the Center for Dental Benefits, Coding and Quality at ADA. Before taking this current leadership role, Dr. Aravamudhan served in the lead role for the Dental Quality Alliance (DQA) and built relationships with federal partners and third party payers to advance the mission of the DQA. In addition to her work with the DQA, Dr. Aravamudhan also worked in the Science Institute where she directed the ADA's evidence-based Clinical Recommendations Program, organized and led multi-disciplinary panels to develop evidence-based clinical recommendations, as well

as directed activities relating to the evaluation of products for the Professional Product Review within the ADA laboratories. Dr. Aravamudhan completed her Bachelor of Dental Surgery (BDS) at Bangalore University and her Master of Science (MS) degree from the School of Dentistry at the University of Alabama.