Minimally Invasive Pediatric Dentistry: Seven Caries Disease Management Models
Saturday, October 10, 2020
Zoom Webinar

Preliminary Program

8:25
Welcome

8:30
Part 1: Overview, SDF and SMART

Jacy Stauffer, DMD

The Minimally Invasive and Micro Dentistry Movement
Benefits: What the research is telling us and why it matters
Manage the etiology of the disease

Silver Diamine Fluoride (SDF)
The Silver Bullet: The benefits of SDF
Ideal cases
Application strategies pro tips
Contraindications for use

Silver Modified Atraumatic Restorative Technique (SMART)
Be SMART: Managing the disease a step further
Indications and contraindications
Application strategies pro tips

9:30
Break

9:45
Part 2: The Hall Technique, Resin Infiltration and Etch

Bleach Seal

Maria Velasco, DMD, MSEd, MS

The Hall Technique
Controversial
What does the research say?
Benefits and pitfalls
Application strategies pro tips
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Resin Infiltration
Esthetics management in a new way
Benefits and pitfalls
Ideal Cases
Application strategies pro tips

Etch Bleach Seal
Three steps for managing enamel defects
Ideal cases
Application strategies pro tips

11:45
Break

12:45
**Laser Dentistry and Air Abrasion**
Kristine Fu Shue, DMD

* Laser Dentistry
  * Laser basics
  * Lasers in dentistry and their clinical applications
  * A 9.3 μm CO2 Laser for anesthesia-free and blood-free dentistry

* Air Abrasion
  * Air abrasion – an alternative means of cavity preparation
  * Ideal cases
  * Application strategies pro tips

2:45
Break

3:00
**Putting it All Together with Case Studies**
Jacy Stauffer, DMD

* Comprehensive Cases

* Questions and answers

4:00
Adjourn
Meet Our Experts

Kristine Fu Shue, DMD, is currently practicing pediatric dentistry along California's Central Coast. Dr. Fu graduated from the University of Pennsylvania School of Dental Medicine in 2017, where her clinical honors focus was Medically Complex Patients. Dr. Fu went on to complete the Advanced Education in Pediatric Dentistry program with NYU Langone Dental Medicine at Rady Children's Hospital in San Diego, California, where she served as chief resident. During her time in dental school and residency, Dr. Fu gained an appreciation for working with diverse populations and medically complex patients, including those with special health care needs, which is a research interest of hers. After finishing residency, Dr. Fu moved to the San Luis Obispo area. She works in private practice as an associate at Coastal Pediatric Dentistry, where new technology, including lasers, is evaluated and brought into the practice to improve the patient experience.

Jacy Stauffer, DMD, is a Diplomate of the American Board of Pediatric Dentistry and a Fellow of the American Academy of Pediatric Dentistry. After graduating in 2007 from the University of Louisville School Of Dentistry, Dr. Stauffer went on to pursue a General Practice Residency at Rhode Island Hospital, focusing on adults and children with special health care needs. After completing her certificate in Pediatric Dentistry at Lutheran Medical Center in Brooklyn, NY, she worked in a private group practice setting for a few years before embarking on full-time academia. Her first full-time teaching position was with NYU-Langone’s Advanced Education Program (Maryland) in Pediatric Dentistry, a position she held until relocating to California in 2016. Dr. Stauffer currently works in San Diego as a full-time attending provider at San Ysidro Health, also affiliated with NYU-Langone Dental Medicine. She enjoys treating the medically complicated patient population at Rady Children's Hospital, integrating minimally invasive dentistry into her everyday practice, while also serving as a mentor for resident research and contributing to various projects surrounding pediatric obstructive sleep apnea. Dr. Stauffer is the pediatric dentist for the Rady Children's Hospital Complex Sleep Apnea Clinic.

Maria Velasco, DMD, MSED, MS, is a Diplomate of the American Board of Pediatric Dentistry, currently serves as Assistant Professor and Director of both the Pre-Doctoral Pediatric Dental Program and the Pediatric Honors Program at Penn Dental Medicine. After completing her Master's Degree in Biotechnology at Johns Hopkins University in 2006, she obtained both her Master's in Education and DMD from the University of Pennsylvania in 2010. Dr. Velasco went on to complete her Residency in Pediatric Dentistry at New York-Presbyterian/Columbia University in 2012, serving as chief resident during her second year. Before joining Penn Dental Medicine, Dr. Velasco was an attending faculty for the N.Y.U./Lutheran program in the Eastern Shore of Maryland. She has affiliations with the Children's Hospital of Philadelphia and the PDM.CHOP residency program. Dr. Velasco's research interests include behavior management of patients with Special Needs, including but not limited to patients in the Autism Spectrum Disorder. She has dedicated her career to serving underserved populations in rural and urban areas.
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