

**University of the Pacific Arthur A. Dugoni School of Dentistry
124th Annual Alumni Meeting – 2023 Alumni Weekend
37th Frederick T. West Orthodontics Lectureship
The Fairmont Hotel, San Francisco**

Jeanette MacLean, DDS

Friday, February 24, 2023

9:00 am – 12:00 pm – 3 CE units

Subject Area: Pediatrics for the GP

Title: "Pediatric Pearls for the GP"

Course Description:

General dentists play a critical role in screening, prevention, and early intervention to help ensure a lifetime of healthy smiles for pediatric patients. This course will review the core concepts of pediatric dentistry to enhance the general practitioner's understanding of caries management for children including infant screening, lap exams, behavior management basics, risk assessment, prevention, minimally invasive treatments, and when to refer to a specialist. This course will help increase your confidence as a team player in improving oral health for all from an early age.

Objectives:

- 1) Pediatric dental screening.
- 2) Anticipatory guidance and parent education.
- 3) Fluoride varnish application.
- 4) Review the clinical use of sealants, silver diamine fluoride, and atraumatic restorative treatment.
- 5) Red flags including abuse, neglect, airway, tethered oral tissue.
- 6) When to refer to a pediatric dentist, orthodontist, and/or other allied health professional.

Friday, February 24, 2023

2:00 pm – 5:00 pm – 3 CE units

Title: "Minimally Invasive Management of Molar Incisor Hypomineralization"

Course Description:

Molar Incisor Hypomineralization (MIH) is a clinically challenging condition affecting as many as 20-40% of children's newly erupted permanent teeth. MIH may affect one or all of the molars, as well as the incisors. It is characterized by demarcated opacities ranging from white and cream to yellow and brown, sometimes surrounded by normal enamel. Sadly, these teeth suffer a 10-fold higher risk of developing caries, and the high porosity and low mechanical resistance leads to rapid enamel breakdown, sometimes occurring immediately after eruption. MIH affected teeth are often hypersensitive, difficult to numb, and have poor bond strength to resin restoratives. Fortunately, the development of new materials and techniques offers promising new treatment options that are minimally invasive and well tolerated by patients. This course will review emerging clinical treatments like Silver Diamine Fluoride (SDF), Atraumatic

Restorative Treatment (ART) with glass ionomer cement (GIC), Hall Technique, MI Paste, etch bleach seal, and Icon Resin Infiltration to manage MIH.

Objectives:

- 1) Review the clinical challenges of managing MIH.
- 2) Describe the clinical use of SDF, ART, and the Hall Technique.
- 3) Review the clinical use of MI Paste.
- 4) Review the clinical use of Icon Resin Infiltration.
- 5) Review the clinical use of and Etch Bleach Seal.

Short Bio:

Dr. Jeanette MacLean is a Diplomate of the American Board of Pediatric Dentistry, Fellow of the American Academy of Pediatric Dentistry, owner of Affiliated Children's Dental Specialists in Glendale, Arizona, and mother of two. She received her dental degree, with honors, from the University of Southern California in 2003 and completed her specialty training in pediatric dentistry in 2005 at Sunrise Children's Hospital through the University of Nevada School of Medicine. Dr. MacLean has become an internationally recognized advocate and expert on minimally invasive dentistry, appearing in newspapers, magazines, television, and continuing education lectures on this hot topic. Most notably, she was featured in the July 2016 New York Times article "A Cavity Fighting Liquid Helps Kids Avoid Dentists' Drills," which brought national attention to the option of treating cavities non-invasively with silver diamine fluoride.

University of the Pacific thanks DMG America and Elevate Oral Care for support of this program.

<https://kidsteethandbraces.com>