Pediatric Caries Prevention and Management for the Dental Team
Friday, January 24, 2020

Lynda J. Young Conference Room • 6-410 Moos Tower

7:30 Final registration and assembly. Continental breakfast.

8:00 Course introduction & needs assessment

8:15 LECTURE: Caries Etiology, Risk Assessment and Diagnosis
Dr. Jones
- What we know in 2020 about caries in children
- How the dental team can collect information for assessment and diagnosis
  • motivational interviewing
- Visual and radiographic information
- Risk assessment
  • significant findings
  • implications for treatment

9:15 LECTURE: Prevention Strategies BEFORE the Problem
Dr. Jones
- Why antimicrobials don’t work
- Dietary recommendations
- Fluorides: topical versus systemic
- Standard of care of prevention at different ages
- Writing prescriptions

10:15 Refreshment break

10:30 LECTURE: Behavior and Non-surgical Approaches to Arresting Decay
Dr. Baylon
- Assessing behavior
- Informed consent for caries management
- Introduction to interim therapeutic restorations (ITR): glass ionomers, RMGI
- The problem with resin composites for ITR
- Dental team applications and patient positioning
- Comprehensive plans, follow up and legal considerations

12:00 Lunch

12:30 LECTURE: ITR Strip Crowns and Hall Crown
Dr. Baylon
- Esthetic options for anterior teeth—strip crown ITR
- How the dental team can prepare for crown-based ITR
  • the research behind the Hall Crown SCC
  • technique for Hall Crown sizing and placement
  • modified Hall technique (banding)
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1:30  **LECTURE: SDF and SMART**  Dr. Jones
    Silver diamine fluoride
    • science, research and technique
    Silver modified atraumatic restorative technique (SMART)

2:15  Refreshment break

2:30  **BENCH-TOP EXERCISES**  Drs. Baylon & Jones
    Dental-team focused ITR, SDF, strip crown ITR, Hall Crown, Band Placement
    ITR-glass and RMGI materials placement and adaptation
    Strip crown ITR
    Hall Crown step-by-step
    Modified Hall technique-ortho band placement

3:45  **LECTURE: Comprehensive Case Assessment and Management**  Drs. Baylon & Jones
    Circle back to risk assessment and home management goals
    Behavior and dental development considerations for traditional treatment
    Case-based learning to bring it all together

5:00  Adjourn

**Meet Our Experts**

**Richard J. Baylon**, DDS, Adjunct Assistant Professor, Division of Pediatric Dentistry, Department of Developmental and Surgical Sciences, University of Minnesota School of Dentistry. Dr. Baylon maintains a four-clinic private practice limited to pediatric dentistry with three partners. He is a staff member of St. Paul Children's Hospital and serves on their Surgery, Anesthesia, and Pathology Committees. He also serves as a consulting pediatric dentist for research and clinical development with 3M ESPE Dental Products Division. Dr. Baylon is a frequent guest lecturer for the University of Minnesota Continuing Dental Education Department, the Division of Pediatric Dentistry, and the University of Tennessee Pediatric Dental Alumni Association.

**Robert S. Jones**, DDS, PhD, Associate Professor, Division of Pediatric Dentistry, Department of Developmental and Surgical Sciences, University of Minnesota School of Dentistry; Diplomate, American Board of Pediatric Dentistry. Dr. Jones received his DDS and PhD after completing the Dental Scientist Training Program at University of California, San Francisco (UCSF). He completed his Pediatric Dental Residency at UCSF in 2009 and has done research in examining biological factors in Early Childhood Caries. Dr. Jones is a 2010 recipient of the Faculty Development Award from the 3M Foundation.
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This course is eligible for AGD Mastership credit in pediatric and operative dentistry, should you choose to self-report to the Academy of General Dentistry.

Minnesota credits
- 8 Fundamental Credit Hours
- Includes CORE Subject Area Diagnosis and Treatment Planning