

SHELLEY BROWN



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Speaker Packet

SHELLEY BROWN

is a practicing dental hygienist and educator dedicated to advancing evidence-based clinical care. Her courses focus on practical, modern strategies that clinicians can immediately implement to improve patient outcomes. Shelley's presentations combine current research, clinical application, and engaging discussion to help dental teams strengthen their approach to prevention, periodontal therapy, infection control, and minimally invasive dentistry.

COURSE OFFERINGS

ALL COURSES CAN BE ADAPTED INTO 1-2 HOUR OR HANDS-ON COURSES



APP and Instrumentation

Created for clinicians caring for patients with Stage I-IV periodontitis, this program explores comprehensive approaches to managing clinical attachment loss, root surface irregularities, and persistent calculus deposits. Attendees will strengthen their clinical judgment by connecting instrumentation choices to current AAP staging and grading classifications, while integrating techniques that enhance patient comfort and optimize biofilm disruption.

Learning Objectives

- Distinguish the clinical characteristics of each AAP stage of periodontitis and apply appropriate instrumentation strategies
- Apply advanced hand and ultrasonic instrumentation techniques for complex periodontal presentations
- Incorporate patient-focused methods that improve comfort during periodontal therapy
- Assess and integrate adjunctive periodontal treatment options when indicated
- Educate patients on elevated home-care strategies for maintaining areas with residual pocketing



Course Offerings Continued

Periodontal Therapy with Purpose

This course reframes instrumentation as more than calculus removal by addressing the broader periodontal disease process. Topics include biofilm management, reduction of inflammatory mediators, cementum preservation, smear layer removal, and strategies to minimize bacteremia. Participants will also explore the role of desiccation technology and probiotic support for maintaining a balanced oral microbiome.

Learning Objectives:

- Differentiate calculus removal from comprehensive biofilm management
- Incorporate desiccation technology into periodontal therapy
- Explain the role of inflammatory mediator reduction in periodontal healing
- Describe the importance of cementum preservation
- Evaluate smear layer removal in periodontal therapy



Gold-Level Protection: The Future of Dental Waterline Care

Dental unit waterlines are a critical component of infection prevention. This course explores waterline biofilm risks and the importance of monitoring based on CDC infection control recommendations. Participants learn practical protocols for testing dental water quality using nano gold particle technology and develop strategies to maintain safe and compliant dental water systems.

Learning Objectives:

- Identify risks of biofilm contamination in waterlines
- Explain safety guidelines for dental waterline maintenance
- Demonstrate water quality testing methods
- Develop a protocol for routine waterline monitoring

Course Offerings Continued

Radiology Reimagined: Modern Imaging, Myths & Mastery

Course Description

Dental radiology is evolving rapidly—with new technology, updated safety guidelines, and refined imaging techniques reshaping everyday practice. This 1.5-hour course explores the latest advancements in dental imaging, including the debate on lead apron use, innovations in handheld X-ray devices, and practical tips for achieving consistent, diagnostic-quality images. Participants will leave with evidence-based insights to enhance patient safety, improve workflow efficiency, and confidently apply current best practices in dental radiography.

Learning Objectives

- Discuss current recommendations and evidence regarding lead apron use in dental radiography and their implications for patient protection.
- Evaluate new handheld and portable X-ray technologies, including safety protocols, image quality, and workflow benefits
- Identify and apply updated intraoral and extraoral imaging techniques that improve accuracy and reduce retakes.
- Integrate ALARA (As Low As Reasonably Achievable) principles into daily radiographic practice through modern equipment and technique optimization.



Silver Solutions: Prevention, Protection, Preservation

This course focuses on the use of 38% silver diamine fluoride (SDF) for minimally invasive caries management. Participants will learn the science behind its ability to arrest decay, prevent lesion progression, and preserve natural tooth structure. Through case-based discussion, clinicians will gain practical guidance on when and how to apply 38% SDF effectively and how to support patients with at-home strategies to maintain long-term oral health.

Learning Objectives

Explain the mechanism and clinical indications for using 38% silver diamine fluoride to arrest caries and prevent lesion progression.

Demonstrate proper application techniques and best practices for maximizing effectiveness while minimizing patient discomfort.

Develop patient-centered strategies to maintain oral health at home and support long-term outcomes after SDF treatment.

Course Offerings Continued

Minimally Invasive Dentistry: Modern Strategies for Caries Management

Minimally invasive dentistry shifts the focus from surgical intervention to prevention, remineralization, and preservation of natural tooth structure. Participants explore modern diagnostic tools and evidence-based treatments including silver fluorides, P11-4 peptides, hydroxyapatite, povidone-iodine, and calcium/phosphate technologies.

Learning Objectives:

- Explain demineralization and remineralization processes
- Identify early signs of demineralization
- Evaluate clinical applications of modern remineralization technologies
- Incorporate minimally invasive strategies into treatment planning
- Apply patient-centered caries prevention strategies

SPEAKER FEE'S



IN-PERSON PRESENTATIONS

Honorarium: \$2,000 for a 1–2 hour course
Plus travel expenses (airfare, hotel, ground transportation) covered by host organization

VIRTUAL PRESENTATIONS

Honorarium \$1,000 for a 1–2 hour course

COURSE SPONSORSHIP MAY BE AVAILABLE AT TIMES