

## About Melissa A Obrotka, BA, RDH



Melissa A. Obrotka, BA, RDH, has 25 years of experience in the dental field, with a strong focus on prosthodontics and periodontics. Her philosophy of care emphasizes a functional approach to dental prevention, disease management, and minimally invasive treatments. Recognized as a thought leader, Melissa influences industry practices through her innovative ideas and leadership in dental hygiene. Known for her genuine communication style and deep understanding of patient needs, she is a trusted listener who introduces innovative ideas into dental hygiene practices. She is a motivator, educator, author, podcast host, change agent, and a recognized industry expert. Her expertise and contributions have received national recognition, including the ADHA Master Clinician Award and being named one of the '6 Dental Hygienists You Want to Know' by Dimensions of Dental Hygiene.

### Course Description

Although scientific knowledge has advanced, the dental hygiene profession continues to rely on a traditional, task based model of care. This virtual session is designed to transition dental hygienists toward a biology-led, biofilm-first approach. Grounded in the Assessment, Diagnosis, Planning, Implementation, Evaluation, and Documentation (ADPIED) framework, the course provides strategies to translate current research, integrate modern technology, and enhance the oral-systemic connection to achieve measurable improvements in patient outcomes.

### Learning Objectives:

- 1) Define the common scientific foundations of the ADPIED framework and the Guided Biofilm Therapy protocol, and explain the rationale for adopting a biology-led, biofilm-first model in place of traditional task-based calculus removal.
- 2) Demonstrate effective communication strategies that enable patient participation during the assessment phase, utilizing voice-activated periodontal charting and artificial intelligence integration.
- 3) Identify and compare the principal differences between magnetostrictive and piezoceramic instrumentation in terms of mechanism of action, clinical technique, tissue effects, and patient comfort.
- 4) Apply a wound-management approach to chairside debridement and the control of inflammation.
- 5) Develop microbiome-supportive self-care regimens, informed by diagnostic findings, biofilm volume, and patient health status, as alternatives to conventional products and brushing protocols.

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