

How Are You Treating Biofilm?

Welcome to the Air Polishing Revolution
with Martha Szczepulski, BDS^c(DH), DH, PID

The standard of care in hygiene is changing. Periodontal management is shifting from a purely mechanical model toward biofilm-centered therapy, treating periodontal disease as a dysbiosis. This session introduces air polishing as the easiest way to make that shift. We will examine the science behind biofilm disruption as a therapeutic target, how it changes the hygiene appointment workflow, and its impact on recall frequency and patient experience. The session closes with an introduction to the PT-B and PT-E and real case examples.

Tuesday, September 22nd 2026
7-8:30 PM EST

On-line (Zoom)

LEARNING OBJECTIVES

- Describe the paradigm shift from mechanical/calculus-focused therapy to biofilm-centered hygiene therapy, including the dysbiosis model of periodontal disease.
- Explore the rationales for air polishing as an evidence-based intervention.
- Identify the workflow changes required to integrate air polishing into a standard hygiene appointment.
- Describe how the patient experience with air polishing supports retention at the recommended hygiene interval.
- Compare the PT-B and PT-E air polishing/ultrasonic scaling units.

SCAN TO REGISTER



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Martha is a dedicated dental hygienist, professional educator, and speaker. Since 2005, she has gained extensive work experience in general and community dental practices, dental hygiene education, and mobile dental hygiene in long-term care settings. Currently, she is the Professional Education Leader at Oral Science, where her goal is to educate clinicians on the latest evidence-based practices and how to apply them chairside.

Martha resides in Vancouver, BC, and enjoys staying active through strength training, cycling, running, and cross-country skiing.