

“Emerging Technologies and Methodologies in Comprehensive Periodontal Therapy”

Presented by

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The future is now for revolutionary non-surgical periodontal therapy techniques. Several advanced technologies and methodologies will be discussed in this presentation, including periodontal endoscopy, micro-piezo ultrasonic root instrumentation, host modulated therapy, regenerative proteins, salivary diagnostics, and integrated care. Take a peek into the future of non-invasive comprehensive periodontal therapy with a demonstration of many advanced case studies utilizing *synergistic methods*. These evidence based techniques, protocols, and technologies will get you excited about the essential paradigm shift *already underway* in the dental profession.

Presentation outline:

- 1) Literature and rationale demonstrating the limitations of current non-surgical periodontal therapy techniques and protocols in clinical dental hygiene.
- 2) Periodontal endoscope technology - past, present, and future. A definition of the parameters and benefits for clinical use in any practice. Literature review and case studies.
- 3) Diagnostic periodontal endoscopy – live endoscopic video images of root decay, crown margin decay, recurrent decay, and root fractures.
- 4) Sub-antimicrobial dose doxycycline - SDD: A review of current literature and the innovative clinical use of SDD for enhanced clinical outcomes in periodontal therapy.
- 5) Satelec Piezo root instrumentation - a review of edged and diamond ultrasonic piezo tips for more thorough root debridement, leading to less hand fatigue, less tissue trauma, greater efficiency, and improved clinical outcomes.
- 6) Regenerative proteins – Emdogain – parameters for the non-surgical therapeutic use of regenerative proteins to promote bone fill and restore deep periodontal defects.
- 7) Regenerative Periodontal Endoscopy (RPE) – a synergistic periodontal therapy approach – pulling it all together. A demonstration of aesthetic zone and full mouth comprehensive case studies.
- 8) Salivary Diagnostics to definitively identify periodontal pathogens and genetic susceptibility – individualized patient care for more targeted periodontal therapy leading to improved clinical outcomes long term.
- 9) Oral-systemic diagnosis and therapy - integrated care through multidisciplinary approach – case studies.