Update on Advanced Periodontal and Implant Instrumentation with New Advanced Technique Videos

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Lecture
In the past five years significant developments in new high-tech devices, new hand instruments and ultrasonic tips have changed the way we teach and practice. This presentation for dentists and dental hygienists will update you on the newest hand instruments and ultrasonic units and tips that will enhance your ability to treat patients with moderate to advanced periodontitis and/or implants. Periodontal endoscopy videos will show the effectiveness of various ultrasonic tips and hand instruments on residual, burnished calculus. New streaming online instructional videos from the Pattison Institute will demonstrate alternative fulcums, new instruments and advanced techniques. The newest titanium mini-bladed hand instruments for implants and ultrasonic tips for implants will be shown and compared to subgingival air polishing with glycine and subgingival irrigation with antimicrobials.

Topics of discussion:
- Root debridement: what are the latest concepts? Are viruses more important than bacteria?
- The influence of the dental endoscope on instrument selection and sequence
- Video comparing hand and ultrasonic instrumentation
- Use of the Gracey 15/16, Gracey 17/18, new Pattison Lite Gracey Curets, Mini Fives™, Micro Mini Fives, Montana Jack and Nevi sickles, diamond-coated files, Quetin furcation curets, titanium implant instruments and other new periodontal instruments
- Comparison of magnetostrictive and piezoelectric ultrasonic units and tip designs for periodontal and implant scaling
- New subgingival air polishing technique for periodontal and implant maintenance.
- Efficacy of subgingival irrigation with antimicrobials
- Innovative extraoral, reinforced, cross arch and opposite arch fulcums and positions
- NEW videos with detailed close ups of advanced instrumentation will demonstrate the most effective techniques for furcations, deep narrow pockets and use of magnetostrictive and piezoelectric ultrasonic tips

Learning Objectives
- Identify the objectives of periodontal debridement
- Describe the characteristics of the dental endoscope
- Recognize the design, indications and sequence for use of universal curets, new types of Gracey curets, mini-bladed Gracey curets, new sickles, diamond coated instruments, furcation curets, and various types of implant instruments
- Describe the differences between magnetostrictive and piezoelectric ultrasonic devices and tips for periodontal and implant scaling
- Recognize the indications for extraoral, opposite arch or other alternative fulcums
- Discuss the efficacy of subgingival air polishing compared to hand and ultrasonic
- instrumentation of implant surfaces
- Discuss the efficacy of subgingival irrigation with antimicrobials

Lecture Schedule
8:00 - 10:00 Lecture
10:00 - 10:20 Break
10:20 - 12:00 Lecture
12:00 - 1:00 Lunch
1:00 - 3:15 Lecture
3:15 - 3:35 Break
3:35 - 5:00 Lecture