

Regenerative Periodontal Therapy: Biologic & Surgical Concepts and Practical Protocols saving teeth with periodontitis



Homa H. Zadeh & Giulio Rasperini

Sat-Sun. February 27-28, 2021

Lecture • Hands-on Workshop • Live Surgery *In-person* • *Remote online*



Homa H. Zadeh, DDS, PhD

Dr. Zadeh is a diplomate of the American Board of Periodontology and fellow, American Academy of Esthetic Dentistry. He received his doctor of dental surgery degree from the University of Southern California (USC) Ostrow School of Dentistry. He has also completed advanced clinical education in Periodontology and earned a PhD degree in immunology from the University of Connecticut, Schools of dental medicine and medicine. Dr Zadeh directs the VISTA Institute for Therapeutic Innovations and maintains a private practice limited to periodontology and implant surgery in Southern California.

Giulio Rasperini, DDS, MS (Remote faculty)

Dr. Giulio Rasperini serves as Associate Professor of Periodontology, University of Milan, Italy, and Adjunct Clinical Associate Professor at the University of Michigan. Dr. Rasperini's research has focused on periodontal regeneration with extensive publication track in this area. He is an active member of the Italian Society of Periodontology, the European Academy of Esthetic Dentistry, and is an ITI fellow. He serves on the Editorial Boards for several publications, including; the International Journal of Periodontics and Restorative Dentistry, and the Journal of Implant & Advanced Clinical Dentistry. He maintains a private practice specialized in periodontology and implant therapy in Milan.

Course Description

Periodontal regenerative therapy aims to restore periodontal attachment apparatus destroyed by inflammatory periodontal diseases. The objectives of periodontal regenerative therapy include improvement of the prognosis of teeth, as well as restoration of health, function, esthetics and comfort. Over the years, a variety of therapeutic approaches have been described. Ample long-term data have documented the efficacy of regenerative periodontal therapy. Periodontal regeneration has been shown to improve the prognosis of hopeless teeth and is a less costly alternative to tooth extraction and replacement with implants. More importantly, when provided the choice, most patients prefer to save their own natural teeth, rather than to extract and replace with implants. In particular, the recognition of many of the complications with implant therapy have prompted re-examination of the merits of periodontal therapy, in order to preserve natural teeth. This course takes an in-depth and systematic approach to providing participants with the requisite information required to diagnose, select appropriate cases and provide effective evidence-based therapy for patients with moderate to advanced periodontitis.

Educational Format

This course offers flexible educational format to accommodate all clinicians' needs and interests.

Participation may take place either:

- In-person or remotely (held over Zoom)
- Live or on-demand
- Lecture only or lecture plus hands-on workshops

The hybrid education model provides some of the information in online format so that prior to the live presentations, participants have an opportunity to review the content and gain basic background information.

The online resources are available on-demand to supplement live lecture material.

Educational Objectives

Diagnosis:

- Periodontal disease Classification and diagnosis
- Osseous defect morphology and effects on outcome

Risk Assessment:

- Systemic and local risk factors and risk indicators
- Modifiable and non-modifiable risk factors/indicators

Periodontal Prognosis:

- Parameters that influence prognosis
- Prognostic systems
- Practical application of prognosis in decision making
- Comparison of periodontal therapy vs implant therapy

Evidence Based Therapy:

- Efficacy of periodontal therapy vs implant therapy
- Long-term outcomes of periodontal therapy

Biology:

- Wound healing in regenerative therapy

Material Selection:

- Barrier membranes
- Bone grafts
 - Autogenous bone: sources and harvesting techniques
 - Bone substitutes: allogenic, xenogenic, alloplastic
- Platelet Rich Fibrin (PRF)
- Growth factors
- Enamel Matrix Protein (Emdogain)

Control of inflammation:

- Mechanical initial periodontal therapy
- Local and systemic antimicrobial therapy
- Microbial sampling and diagnostic microbiology

Lasers in periodontal therapy:

- Laser types used in periodontal therapy
- Soft tissue and hard tissue lasers
- Wound healing following laser therapy
- Review of evidence

Surgery:

- Rationale and therapeutic approaches
- Flap design: minimally invasive flap design
- Suture techniques in regenerative sites
- VISTA in periodontal regeneration
- Treatment of class II furcation involvement
- Treatment of intra-osseous defects

Complications:

- Prevention and management

Pre- and post-operative Care:

- Antibiotics and antiseptics
- Anti-inflammatory agents & Supplements

Periodontal maintenance therapy

Hands-on Workshop Simulated Exercises

- Flap design in different anatomic regions
- Surgical protocol for intra-osseous defects
- Treatment of class II furcation defects
- Vestibular Incision subperiosteal tunnel access (VISTA) for periodontal regeneration

Live Surgery Demonstration

- Treatment of intra-osseous defect
- Treatment of class II furcation defect

Tuition and CE units

\$1795 Live In-Person: Lecture + Workshop

\$1295 Remote Learning: Lecture + Workshop

\$995 Remote Learning: Lectures Only

16 hours of live lecture + hands-on workshop and live surgery demonstration

4 hours of on-demand online education

Tuition for remote workshops includes two-way shipment of all supplies to allow participants to complete the workshops in their own facility.

Schedule for Live event:

Sat Feb. 27, 2021 (PST Los Angeles time)

7:00 to 8:00 AM Registration & Breakfast
 8:00 to 10:00 AMLecture
 10:00 to 10:30 AMBreak
 10:30 to 12:30 PMLecture
 12:30 to 1:30 PM Lunch
 1:30 to 3:00 PM Lecture
 3:00 to 3:30 AMBreak
 3:30 to 5:00 PM Hands-on Workshop

Schedule for Live event:

Sun Feb. 28, 2021

7:00 to 8:00 AM Registration & Breakfast
 8:00 to 10:00 AMLecture
 10:00 to 10:30 AMBreak
 10:30 to 12:30 PMLecture
 12:30 to 1:30 PM Lunch
 1:30 to 3:00 PM Hands-on Workshop
 3:00 to 3:30 AMBreak
 3:30 to 5:00 PM Live Surgery Demo

For registration and details of all policies, including refund and cancellation, see
www.learnVISTA.com