Cortellini Perio Academy

Continuing Education in Dentistry



Advanced Workshop on Periodontal Regeneration

May 15- 17, 2024 – Firenze (Italy)

Speaker: Pierpaolo Cortellini

This intensive 3-day course focuses on 3 main objectives:

1. The acquisition of the state of the art knowledge and competence on advanced periodontal surgery and microsurgery.
2. The practical application on patients in 3D live surgery.
3. The acquisition of the skills to apply them on the solution of clinical cases.

Day 1: Wednesday 15, 2024 (9:00 - 13:00 – brunch – 14:00 - 18:00)
Periodontal regeneration in intrabony and furcation defects

- The intrabony defects: diagnosis and treatment approach
- Critical evaluation of periodontal regenerative materials
- Importance, assessment and management of patient and defect factors
- Clinical objectives, indications, limits and prognosis of periodontal regeneration
- Periodontal regeneration in the global treatment plan: timing and interactions
- Surgical instruments and materials
- Defect morphology and clinical objectives
- Selection of materials
- Tissue handling and suturing techniques
- Papilla preservation flaps

Day 2: Thursday 16, 2024 (9:00 - 13:00 – brunch – 14:00 - 18:00)
Application and solution of real cases.

Case presentation and discussion

- Flap design: from large to small flaps
- Microsurgery and Minimally invasive surgery
- MIST & M-MIST
- Periodontal regeneration: planning and discussion of surgical cases
- 3D video demonstrations
- Post-operative instructions and medications
- Long-term clinical outcomes
- Cost-benefit analysis

Day 3: Friday 17, 2024 (9:00 - 13:00 – brunch – 14:00 - 18:00)
Application and solution of real cases.
Case presentation and discussion

- The furcation defects: diagnosis and treatment approach
- Periodontal regeneration in teeth with furcation involvement
- Furcation morphology and clinical objectives
- The regenerative materials for regeneration in furcations
- Flap design
- Treatment of the “Key-hole” class II furcations
- Treatment of the class II furcations associated with intrabony defects
- Treatment of class III furcations: a dream?
- Treatment Strategy
- Presentation and discussion of clinical flow-charts
- 3D video demonstrations
- Post-operative instructions and medications
- Long-term clinical outcomes
- Cost-benefit analysis

Day 3: Friday 17, 2024 (14:00 - 17:00)
Acquisition of the Practical Skills
Hands-on surgical exercises on anatomical simulators
Hands-on of regenerative minimally invasive surgery of intrabony & furcation defects

Exercises will be performed on specifically designed silicone models with step by step supervision by the speaker. All instruments and materials will be provided (with the exception of 2.5-5x magnification device/loupe that participants should bring with them).

17:00 – 18:00 Certificate celebration & closure of the course

Participants should bring with them magnifying loops with independent light for the hands-on training.