CORTELLINI
Perio Academy

Continuing education in dentistry

Advanced Training Workshop

Clinical Solutions to the Furcation Dilemma

Florence, Italy

November 25-28, 2026



P. Cortellini



S. Cortellini



D. Bonaccini



Furcations: the Clinical Challange

Conservative, Resective, Regenerative approach?

4-day Full Immersion

Cortellini Perio Academy Training Centre

Via Carlo Botta 18 – Firenze

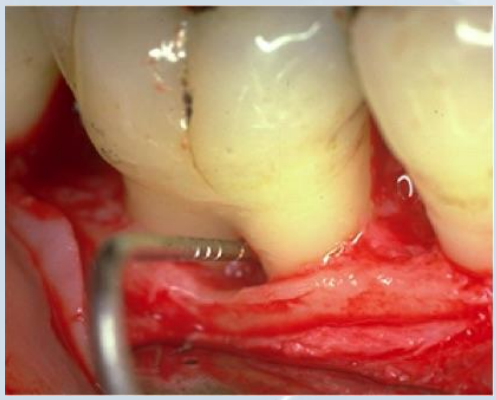
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Advanced Training Workshop

Clinical Solutions to the Furcation Dilemma

Florence, Italy — November 25-28, 2026

This Advanced Training Workshop will face the most challenging clinical problem in dentistry: **the treatment of molars with furcation involvement**. The "**furcation dilemma**" is still an open question with some clear answers and many dark sides.
The aim of this **4-day full immersion workshop** is to discuss the non-surgical and surgical approaches to give clinicians predictable solutions for the treatment of teeth with furcation involvement. The course will be empowered with ample discussion on the anatomic and diagnostic parameters to set a treatment plan. The "core" of the workshop will focus on detailed description of surgical concepts, surgical techniques, clinical tips, complications and failures. Lectures, 2D and 3D video demonstrations, hands-on training, practical exercises on simulators, and case discussion, will allow clinicians to upgrade their skills in the treatment of teeth with furcation involvement.



Learning objectives

- Optimal preparation of the patient
- Step 1&2 of periodontal therapy
- Pre-surgical diagnosis of the furcation defect
- Planning the surgical approach
- Step by step surgical management
- How to debride a furcation
- The non-surgical approach
- The pharmaco-mechanical approach
- The open flap surgery
- The resective surgery
- The regenerative surgery
- Post-surgical period
- Long-term maintenance
- Managing complications



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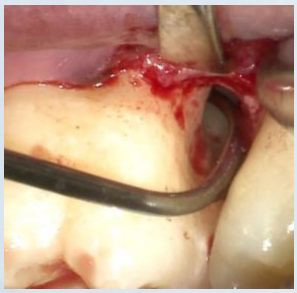
Day 1: Wednesday, Nov 25 (*9:00-13:00 – lunch – 14:00-19:00)*

Biologic & clinical background

- **Multi-rooted teeth**: anatomy of upper & lower molars
- Diagnosis and prognosis of teeth with furcation involvement
- Generating a 3-D clinical and radiological assessment of defect morphology
- Evaluation of teeth with furcation involvement in the global treatment planning
- Step 1 & 2 of periodontal therapy to improve patient prognosis
- The re-evaluation concept & the surgical treatment plan
- The critical decision: when to extract a molar with furcation involvement
- The surgical approaches: flap debridement, resective surgery, regenerative surgery

The Conservative Approach

- Scaling & root planing: indications and limits
- Instruments & techniques to facilitate SRP
- Adjunctive application of topic antimicrobials: the pharmaco-mechanical approach
- The open flap: scaling & root planing with access surgery
- Design of the flap & suturing techniques
- Expected outcomes and long-term stability: the SPC problem



Day 2: Thursday, Nov 26 (*9:00-13:00 – lunch – 14:00-19:00)*

The Resective Approach

- The different resective approaches in Class I, II, & III furcation involvement
- The apically positioned flap
- Bone surgery: ostectomy & osteoplasty
- The “barrelling in” approach in Class I furcations
- The tunnel approach in Class II & III in lower molars
- The tunnel approach in Class III in upper molars
- Root resection & root amputation in Class II & III: lower molars
- Root resection & root amputation in Class II & III: upper molars
- Prosthetic rehabilitation on resected abutments
- Long-term prognosis







Get Together at Dinner

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Day 3: Friday, Nov 27 (*9:00-13:00 – lunch – 14:00-19:00)*

The Regenerative Approach

- Clinical objectives, indications, limits and prognosis of periodontal regeneration in furcations.
- Critical evaluation of periodontal regenerative materials
- The clinical problem: debridement of the defect. Instruments and materials
- The “Key-hole” defect: class II furcation at lower molars and buccal class II furcation at upper molars: the buccal / lingual flap and the coronally advanced flap
- Mesial / distal class II furcation at upper molars associated to intrabony defects: the papilla preservation flap and the minimally invasive surgery
- Class II and III furcation at lower molars associated to intrabony defects: the papilla preservation flap and the minimally invasive surgery
- Long-term prognosis of regenerated teeth



Day 4: Saturday, Nov 28 (*9:00-13:00)*

Acquisition of the Practical Skills

Hands-on surgical exercises on anatomical simulators

- Hands-on in-depth tutorial on surgical methods
  a. Surgical instruments and materials
  b. Minimally invasive surgery on furcation & intrabony
  c. Buccal flap on Key-hole furcation
  d. Internal mattress & sling sutures
  e. Application of regenerative materials.
- Discussion of surgical tips.





Exercises will be performed on specifically designed silicone models with step by step supervision by the speakers.

All instruments and materials will be provided

(Participants are invited to bring 2.5-5x magnification device/loupe).

End of the Course and Certificate Celebration



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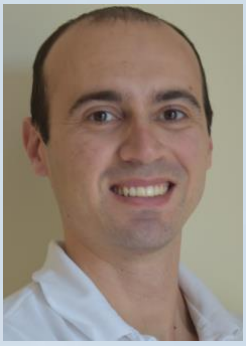
The Speakers



P. Cortellini



S. Cortellini



D. Bonaccini

Pierpaolo Cortellini

Dr. Pierpaolo Cortellini received his MD from the University of Florence (Italy) in 1980, and his DDS in 1984 from the University of Siena (Italy). Visiting Professor at KU Leuven (Be) Dept. of Oral Health Sciences, he is the founder of the research non-profit organizations ATRO (Firenze, IT) and ERGOPerio (Berne, CH). He is Past President of the Italian Society of Periodontology and of the European Federation of Periodontology. Promoter and Coordinator of six "National Educational Projects" from SIdP, he was Scientific Chairman of Europerio 6 and of the 1st EFP Master Clinic. He runs a multidisciplinary private practice and a Private Educational Center in Florence (Italy). Dr. Cortellini is involved in clinical research in periodontology since 1982, with special emphasis for periodontal regeneration, mucogingival surgery and diagnosis. Dr. Cortellini lectures extensively on a national and international level; he is referee of the main scientific journals in the field of periodontology, and is the author of more than 150 original publications in scientific journals.

Simone Cortellini

Dr. Simone Cortellini graduated as a dentist in 2014 at the Radboud University of Nijmegen in Holland. In 2015 he joined part-time a postgraduate program in periodontology and oral implantology at the Catholic University (KU) of Leuven. In 2020 he graduated as an 'EFP certified' periodontist (MSc) . Aside from his clinical work in private practice (The Hague, NL and Florence, IT) he is a PhD researcher. The topic of his research is the application of autologous blood derivates for bone regeneration. He is a member of the Dutch Society of Periodontology (NVvP), European Federation of Periodontology (EFP) and European Association for Osseointegration (EAO). He is an author of several scientific publications in peer-reviewed journals and textbooks chapters. He lectures on a national and international level in the field of periodontology and implantology. In 2018 and 2019, he received the EAO "European Prize for Clinical Innovations in Implant Dentistry" during the EAO-meetings.

Daniele Bonaccini

Dr. Daniele Bonaccini graduated as a dentist at the University of Florence (Italy) in 2008. Visiting Professor at the Dental Hygienist Program of Florence University in 2009-2011. He is a member of the Italian Society of Periodontology (SIdP) and of the European Federation of Periodontology (EFP). Since 2010 cooperates with Dr P. Cortellini in his multidisciplinary private practice and in his research and educational activities. He is co-author of several scientific publications in peer-reviewed journals.

Administration & Logistics

Cost of the course: € 3.500,00 (plus VAT 22%) per participant
(The cost includes lunches, coffee breaks, use of simulators, use of instruments and materials for hands-on and a typical Tuscan cuisine dinner)

Registration and payment through online registration form

Logistics. *The course takes place at*:

- Cortellini Perio Academy Training Centre, via Carlo Botta 18

Suggested Hotels

(You are invited to make your hotel reservation as soon as possible)

Hotel Grifone***, Via G Pilati, 20-22.
Phone +39 055 623300, www.hotelgrifonefirenze.com

Residence Forte 16***, Viale Gramsci 16
Phone +39 055/5321990, info@forte16.com, http://www.forte16.com

B&B Hotel Firenze City Center***, Viale G. Amendola 34
Phone +39 055 2343201, fi.center@hotelbb.com

Grand Hotel Mediterraneo****,** Lungarno del Tempio 44
Phone +39 055 660241, info@hotelmediterraneo.com

Contact. *For any information:*

