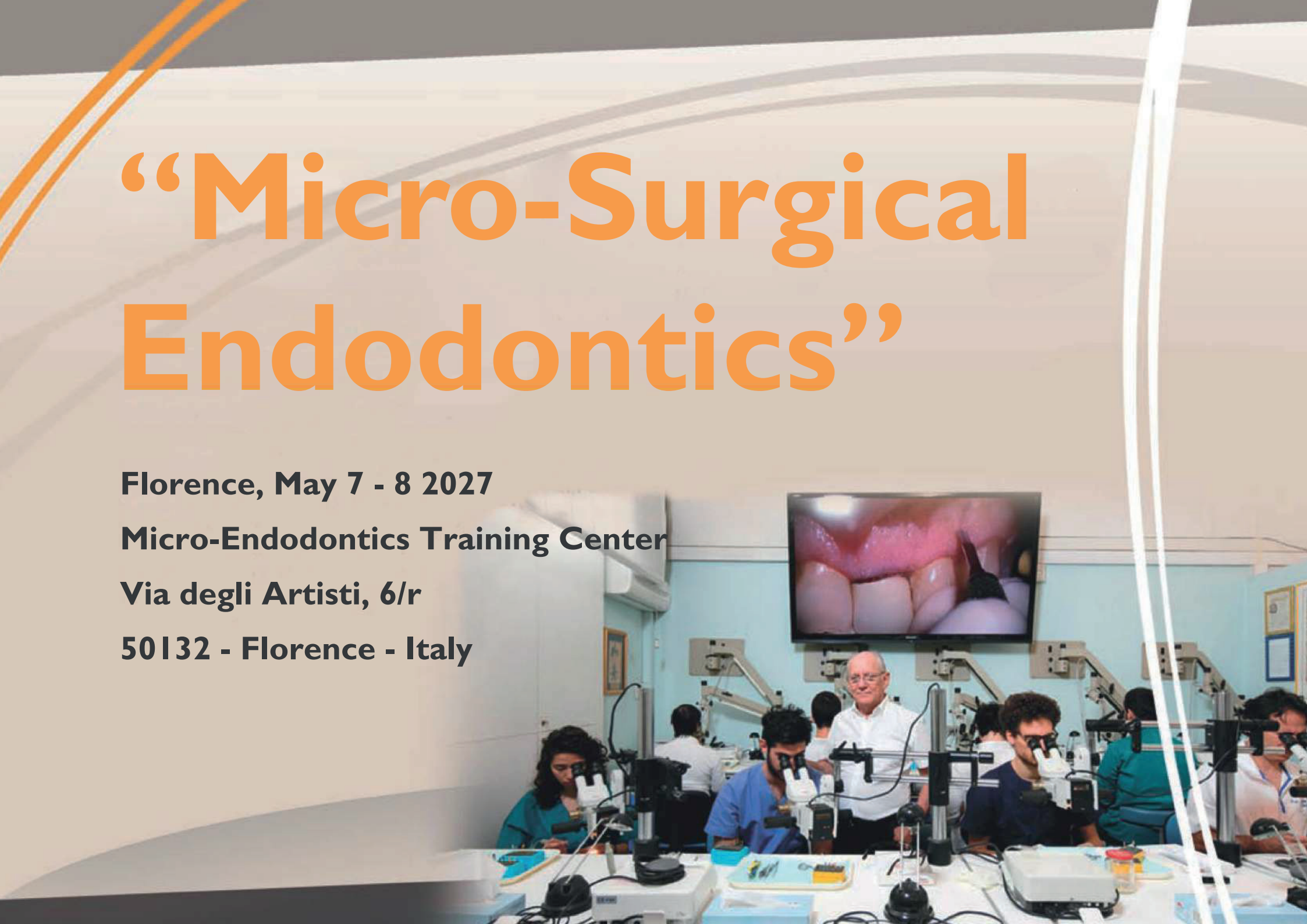
“Micro-Surgical Endodontics”

Florence, May 7 - 8 2027

Micro-Endodontics Training Center

Via degli Artisti, 6/r

50132 - Florence - Italy





Profile of the Instructor

Dr. Castellucci graduated in Medicine at the University of Florence in 1973 and he specialized in Dentistry at the same University in 1977. From 1978 to 1980 he attended the Continuing Education Courses on Endodontics at Boston University School of Graduate Dentistry and in 1980 he spent four months in the Endodontic Department of Prof. Herbert Schilder. Since then, he has a limited practice on Endodontics.
Past President of the Italian Endodontic Society S.I.E., Past President of the International Federation of Endodontic Associations I.F.E.A., Active Member of the European Society of Endodontology E.S.E., Active Member of the American Association of Endodontists A.A.E., he has been Assistant Professor of Endodontics at the University of Siena Dental School and then at the University of Florence Dental School. Now is Assistant Professor of Endodontics at the University of Cagliari Dental School and Assistant Professor of Micro-Surgical Endodontics at the Specialty of Oral Surgery of the University Federico II of Naples.
He has been the Editor of "The Italian Journal of Endodontics " and of "The Endodontic Informer".
He is the Editor in Chief of Endo Tribune, Founder and President of the "Warm Gutta-Percha Study Club" and of the Micro-Endodontics Training Center, where he teaches and gives hands-on courses.
He published more than 60 articles on Endodontics in the most prestigious Endodontic Journals. International lecturer, he gave presentations and courses in 56 different countries around the world.
Is the author of the text "Endodontics", which is now available in the English language. He lives and practices in Florence where he has his private practice and his Micro-Endodontics Training Center and can be reached at 39 055 571114 or at castellucciarnaldo@gmail.com, www.endocastellucci.com

Course Description

In the last 20-25 years Surgical Endodontics has became a Specialty with long term results predictable like never before. The introduction of the Surgical Operating Microscope, the use of ultrasonic tips and the new biocompatible materials are the most important developments which **contributed to improve and increase the long term prognosis from 50% like it was before to more than 95% today. There is a precise protocol that must be followed and then the satisfactory results will arrive!**

The several steps of the surgical procedure must be followed properly and completely to guarantee a successful therapy. These steps will be discussed in detail during the course and the participants will have the opportunity to apply them during the work-shop working on natural teeth mounted on special anatomically designed models.

At the conclusion of this two day course, the participants will be able to:
- make a correct treatment plan and decide when the surgical approach in best indicated
- understand the causes of the previous failed endodontic therapy and how to best achieve a predictable result
- make the patient and the surgical team comfortable during the entire procedure
- obtain a profound anesthesia and excellent hemostasis, having a good control of the bleeding
- choose the most suitable flap design that guarantees an ideal visibility
- atraumatically retract the flap in order not to damage the soft tissues and obtain a comfortable access
- access the surgical site, remove the granulation tissue and perform a correct apical resection
- keep the bony crypt and the resected root under control to maintain good visibility
- accomplish an adequate root-end preparation and place the retrofill
- choose the best retrofilling material
- atraumatically an d precisely reposition the flap
- place accurate sutures that can be removed 24/48 hours post-operatively
- use atraumatic techniques capable to eliminate post-operative pain, swelling and any kind of discomfort
- prescribe the most effective drugs to guarantee a rapid and uneventful healing







May 7 th | 2027

Program – First day - Morning

09,00 – 10,00
• The correct treatment plan in Micro Surgical Endodontics
-Extraction and implant ?
-Non-surgical retreatment ?
-Surgical retreatment ?
-The use of the Cone Beam Computed Tomography (CBCT) as a diagnostic tool

• The use of the Operating Microscope in Surgical Endodontics
-Anatomy of the operating microscope
-The illumination of the operative field
-Working positions
-Ergonomics at the microscope: the role of the assistants

10,00-11,00
•The Anesthesia
•Management of soft tissue: flap design, incision and atraumatic flap elevation and retraction
•Anatomical consideration: inferior alveolar nerve, mental nerve, greater palatine artery, maxillary sinus
•The control of the bleeding

11,00-11,30 Coffee break

11,30-13,00
• The bony crypt
• The location of the root apex
• Crypt management
• The root-end bevel and root-end preparation
-Ultrasonic root-end preparation vs handpiece preparation

13,00-14,00 Lunch break







May 7 th | 2027

Program – First day - Afternoon

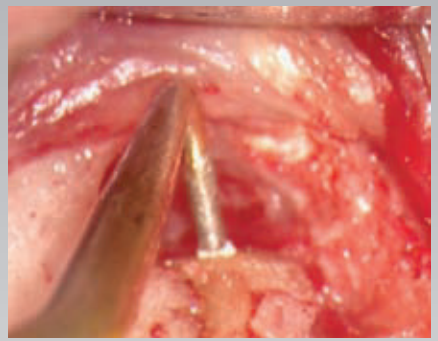
14,00 – 16,00
• Root end filling materials: Super EBA, MTA, Bioceramics
• Suture
• Post-operative care
• 24 hours suture removal

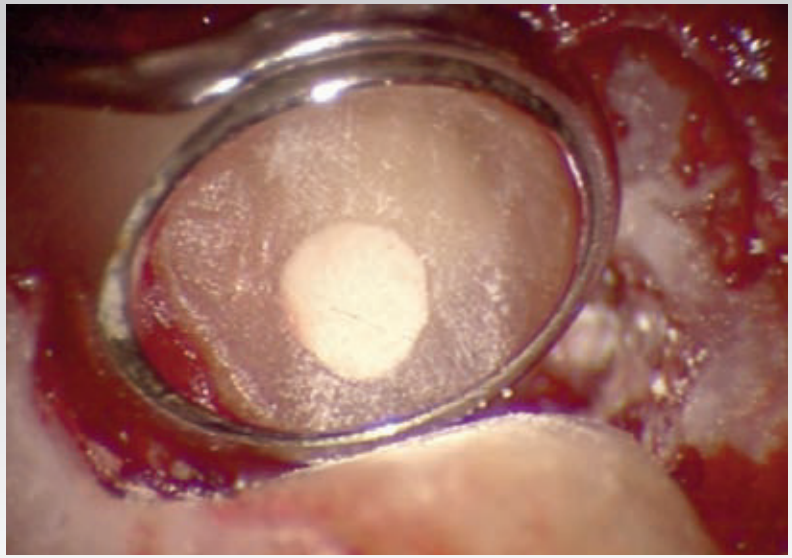
16,00 -16,30 Coffee break

16,30 – 17,00
• Video on Ergonomics.
The role of the assistants during the surgical procedure at the operating microscope

17,00-18,00
• Causes of failure after surgical therapy: the most common errors made during surgical procedures
• Surgical retreatments of surgical failures
• Non-surgical retreatments of surgical failures







May 8 th | 2027

Program – Second day

09,00 – 11,00
• Work-shop

11,00 – 11,30 Coffee break

11,30 – 13,00
• Work-shop

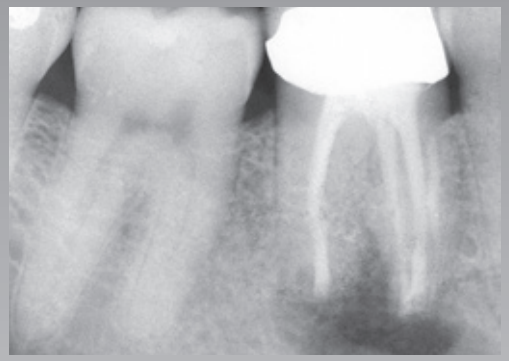
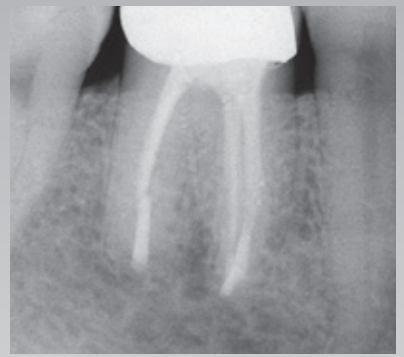
13,00 – 14,00 Lunch break

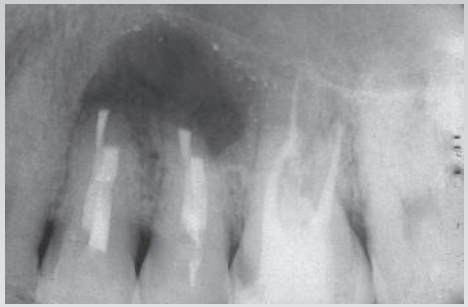
14,00 – 16,00
• Video of surgical procedures performed in anterior and poste rior teeth using the Surgical Operating Microscope

16,00 – 16,30 Coffee break

16,30 -18,00
• Video of surgical procedures performed in anterior and poste rior teeth using the Surgical Operating Microscope

For the work-shop the participants will practice on natural teeth mounted on special anatomically designed models. The natural teeth will have the root canal treated; the models will have a rubber gengiva to make the incision and then the suture.; the root apex will be surrounded by a “rubber lesion” to simulate a granuloma. The participants will be able to perform a complete surgical procedure, from incision to the suture, working with the operating microscope.




Materials and instruments available for each participant:

- Microscope
- Ultrasonic unit
- Ultrasonic tips
- Surgical instruments
- Root-end filling material
- Suture

Other Information

The course is limited to 10 participants.

Course Fee : Euro 2.000,00 + 22% IVA = Euro 2.440,00

For more information do not hesitate to contact me at castellucciarnaldo@gmail.com

For payment make a bank transfer to Chianti Banca
IBAN: IT14A0867302803000000200915
SWIFT: ICRAITRRIP0
with beneficiary: Castellucci Arnaldo di Castellucci Arnaldo

Course Location:

Learning Center
Dr. Arnaldo Castellucci
Via degli Artisti 6/r
50132 – Firenze
ITALY



“Micro-Surgical Endodontics”

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Instructor: Arnaldo Castellucci, MD, DDS

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Note: Course limited to 10 participants

Each participant will receive a complimentary copy of the English edition of the textbook Micro Surgical Endodontics.

endocastellucci.it