



PRACTICAL COURSE IN ORTHOGRADE ENDODONTICS

FABIO
GORNI

50 ECM

APRIL | MAY
MILANO 2026



Mikros

Viale Edison 621, 20099
Sesto S. Giovanni, (MI)



www.fabiogorni.com

COURSE IN **ORTHOGRADE ENDODONTICS** WITH **FABIO GORNI**

THEORETICAL–PRACTICAL COURSE

TAKE PART IN AN INTENSIVE AND COMPREHENSIVE COURSE:

- Accurate diagnosis and effective treatment planning
- Advanced use of NiTi instruments
- 3D obturation with warm gutta-percha and bioceramic sealers
- Hands-on training on extracted teeth and models under the microscope

NOT YOUR TYPICAL SPONSORED COURSE

During this course, you will work with **instruments from different brands**, providing a truly **comparative and independent** experience.

This way, you will be able to analyze and fully understand the **features, advantages**, and **differences** of each, allowing you to make clinical choices that best align with your skills and experience.

THE **PRACTICAL EXERCISES** WILL BE CARRIED OUT UNDER THE **MICROSCOPE**, RECOMMENDED FOR **OPTIMAL VISUALIZATION** AND BETTER DISTINCTION OF DETAILS. ALTERNATIVELY, YOU MAY USE YOUR OWN LOUPES.

BRING A COMPATIBLE **4K SD CARD** AND **RECORD** YOUR **MICROSCOPE** EXERCISES IN ULTRA-HIGH DEFINITION: A VALUABLE VIDEO TO REVIEW, STUDY, AND KEEP.

WE TAKE CARE OF EVERYTHING

During the exercises, **all instruments** and **materials** are **provided by Mikros**: no personal equipment is required.

LUNCHES AND APERITIFS INCLUDED

Each day includes a **coffee break, lunch**, and a final **aperitif** to end on a high note. All included in the price.

AT THE PARTICIPANT'S EXPENSE

Extracted teeth, both single and multi rooted, cleaned in sodium hypochlorite for at least 30 minutes and then stored in water for the entire duration of the course.

HOW THE COURSE DAYS ARE STRUCTURED

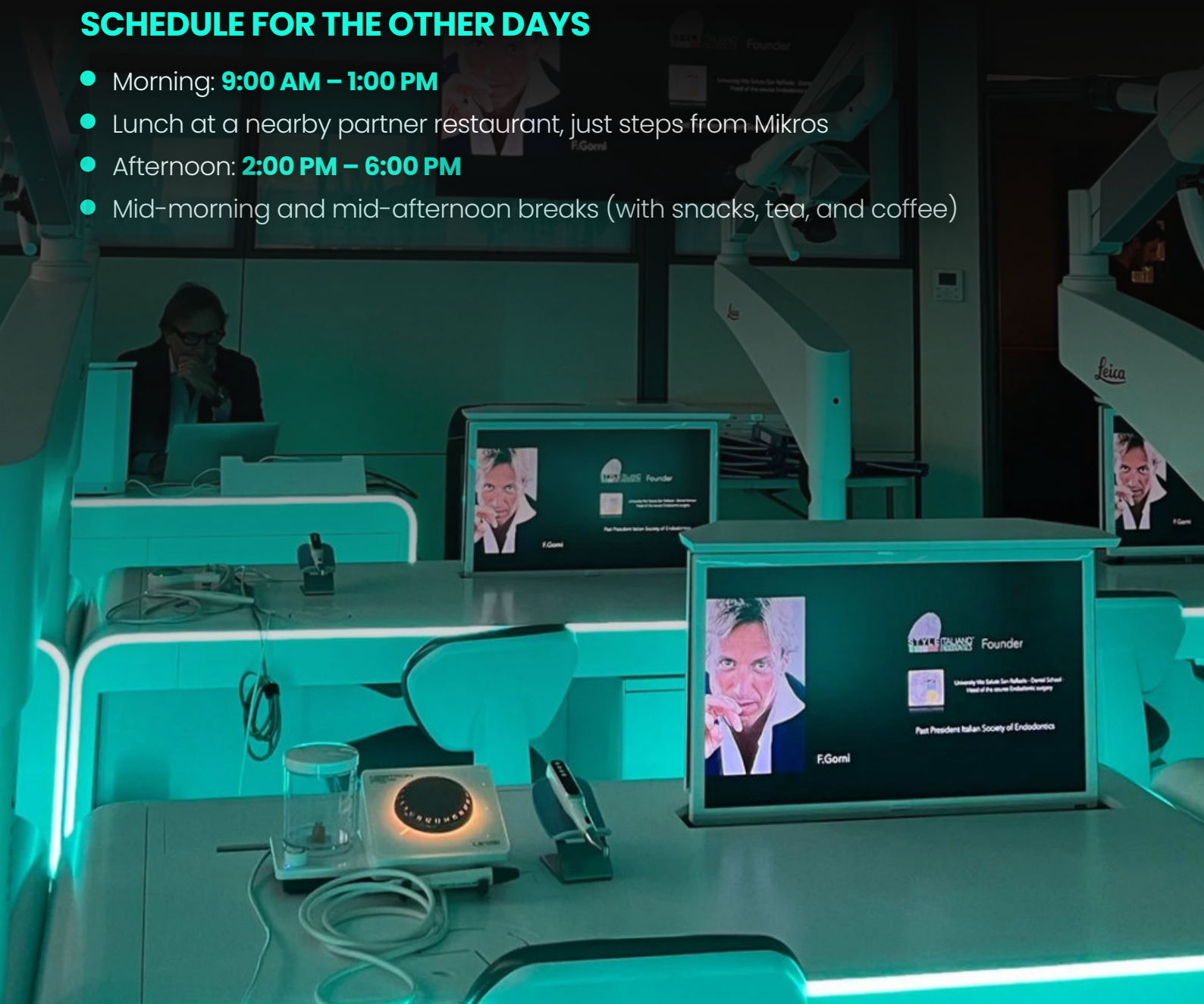
Each day of the course is designed to provide an **intense yet balanced experience**, aimed at ensuring maximum **focus and comfort**.

SCHEDULE FOR THE FIRST DAY OF EACH SESSION

- **Start postponed to 10:30 AM**, allowing participants to arrive directly that same morning
- **Introductory lunch at the Mikros** headquarters around 1:30 PM
- **The course then resumes at 2:00 PM until 7:00 PM**, with an afternoon break
- A full day to start off with the right energy!

SCHEDULE FOR THE OTHER DAYS

- Morning: **9:00 AM – 1:00 PM**
- Lunch at a nearby partner restaurant, just steps from Mikros
- Afternoon: **2:00 PM – 6:00 PM**
- Mid-morning and mid-afternoon breaks (with snacks, tea, and coffee)



SESSION 1

APRIL 1-2

- **Clinical management of pulpal diseases**
- **Differential diagnosis of pain**
- **Pulp vitality tests:** clinical significance and predictability
- **Vital pulp therapy:** advantages, disadvantages, and reliability of direct pulp capping
- **Indications and contraindications for endodontic treatment**
- **Intermediate dressing:** single-visit or multiple-visit treatment
- **Anesthesia in endodontics:** techniques and strategies for refractory cases
- **Radiology:** correct use of film holders and management of intra-operative radiographs
- **Isolation of the operative field:** advantages, limitations, and strategies for complex cases
- **Endodontic access:** rationale, technique, and related use of **ultrasonics**
- **Pre-endodontic restoration:** essential procedure? Indications and contraindications
- Importance of magnification systems: **loupes VS microscope**

APRIL 3

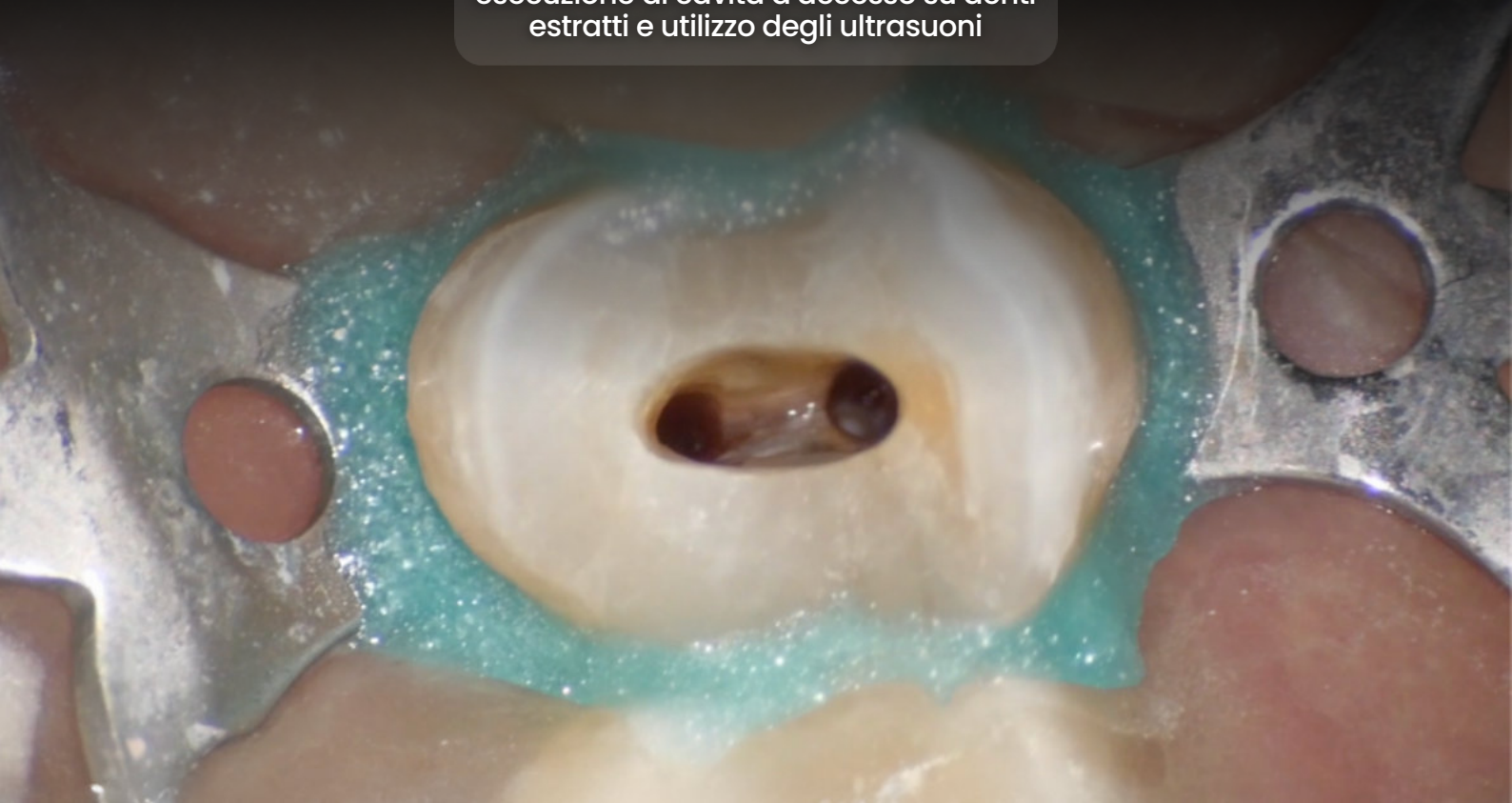
*** EXCLUSIVELY FOR YOU**

A bonus day to expand your skills and enrich your learning journey

- **Isolation techniques** In endodontics and restorative dentistry: how to best manage simple and complex cases, with hands-on practice on models

ESERCITAZIONE PRATICA

esecuzione di cavità d'accesso su denti estratti e utilizzo degli ultrasuoni



SESSION 2

APRIL 16–17

- **Canal shaping:** rationale and operative strategy
- Step-back, Crown-down e Step-down: **comparative techniques**
- How the original anatomy determines the preparation and cleaning of the root canal system
- **Clinical objectives of canal shaping:** how to preserve the canal anatomy and the original position of the apical foramen
- **Management of debris** and the role of cleaning in endodontic treatment
- **The operative sequence:** from access cavity to final canal shaping
- **Scouting and manual pre-flaring:** advantages and disadvantages
- Introduction to **use of mechanical instrumentation**
- **Use and interpretation of electronic apex locators**
- **The master cone fit:** the first and fundamental step of root canal obturation
- **Clinical management of the master cone fit:** technique and practical tips

HANDS-ON EXERCISE

Canal shaping on extracted single- and multi-rooted teeth using manual and mechanical techniques, followed by the master cone fit



SESSION 3

MAY 7-8



Diagnocat

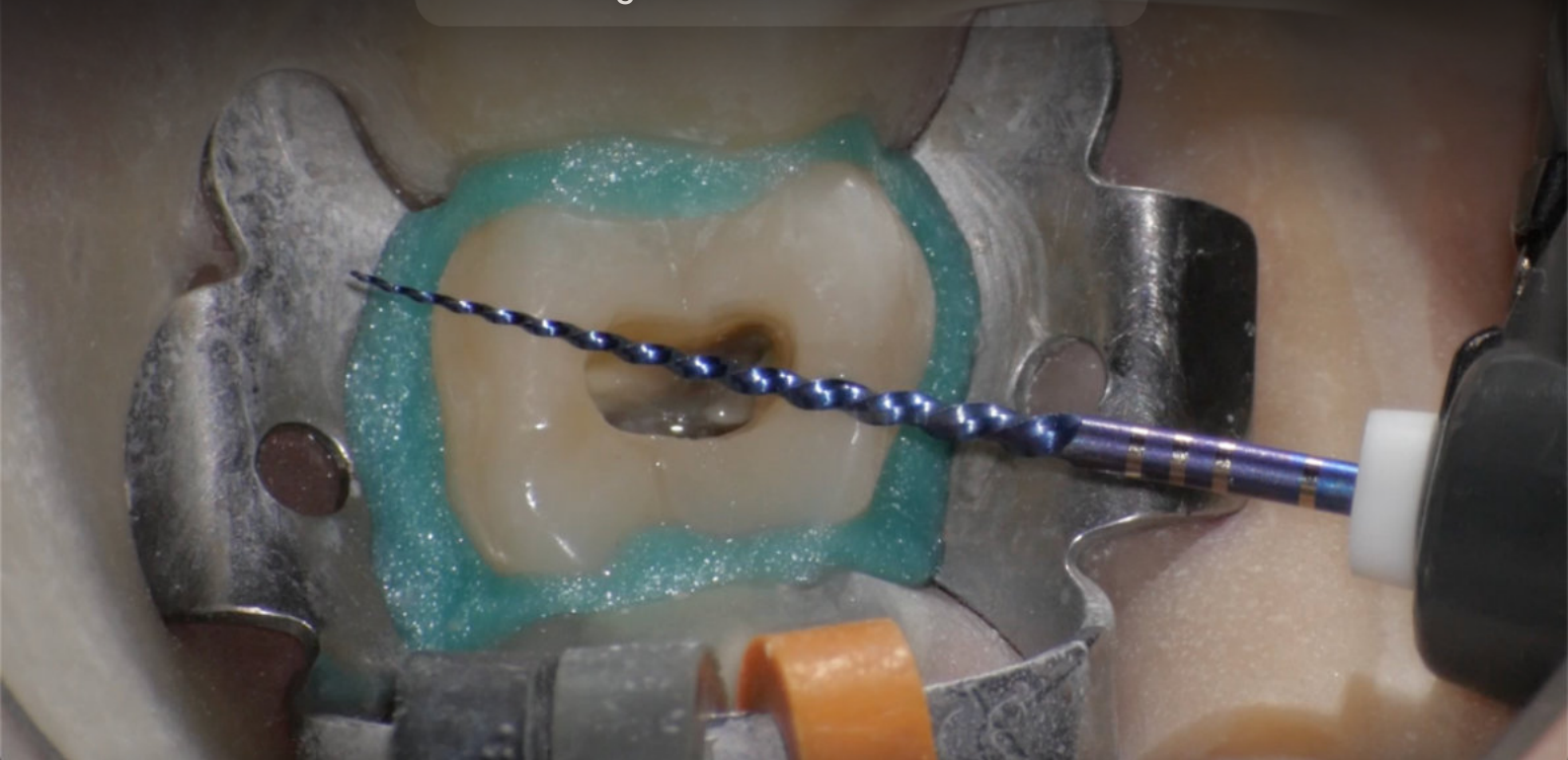
Morphological analysis of canal anatomy using artificial intelligence systems



- **Shaping planning** based on canal anatomy
- **Mechanical instruments** and their characteristics
- **The new NiTi alloys** thermally treated and their applications
- Advantages of **using a fully mechanical operative sequence**
- **Mechanical pre-flaring**: key point for endodontic success
- **Apical gauging, working length determination, and preparation of the apical third**
- Rationale of **three-dimensional root canal obturation**
- **Warm gutta-percha condensation techniques**
- **Single Cone Technique** and the use of Bioceramic Sealers
- **Management of bioceramic sealer**: proper delivery and prevention of apical extrusion
- Warm gutta-percha and bioceramic sealer: **modified vertical condensation technique**

HANDS-ON EXERCISE

Canal shaping and obturation on extracted single and multi rooted teeth



SESSION 4

MAY 27-28

- **Pre-operative radiograph analysis** and selection of the type of instruments to use
- How to prevent fatigue and fracture of mechanical instruments
- Analysis of **NiTi instrument fracture types**
- Use of **reduced-taper** canal instruments
- **Conservative canal preparation**
- Management and obturation techniques in **cases with complex anatomy**
- **Use and characteristics of endodontic motors**
- Success parameters: **clinical and radiographic healing**

- **ANALYSIS OF CLINICAL CASES COMPLETED OR TO BE COMPLETED ON PATIENTS TREATED BY THE PARTICIPANTS**



HANDS-ON EXERCISE

Analysis of pre-operative radiographs with Fabio Gorni to determine the most appropriate instrumentation for each clinical case, followed by canal shaping and obturation on extracted single and multi rooted teeth



FABIO GORNI'S COURSE TAKES PLACE IN A PRESTIGIOUS LOCATION

Welcome to **Mikros**, the cutting-edge training center in Milan, an **exclusive hub** for microscopic education, featuring **16 patented workstations** fully equipped for top-level hands-on training



YOUR WORKSTATION

Each **MIKROSTATION** has

- Microscope
- Automated monitor
- Turbine, micromotor, suction units
- LED lights, air/water syringe, electrical outlets

