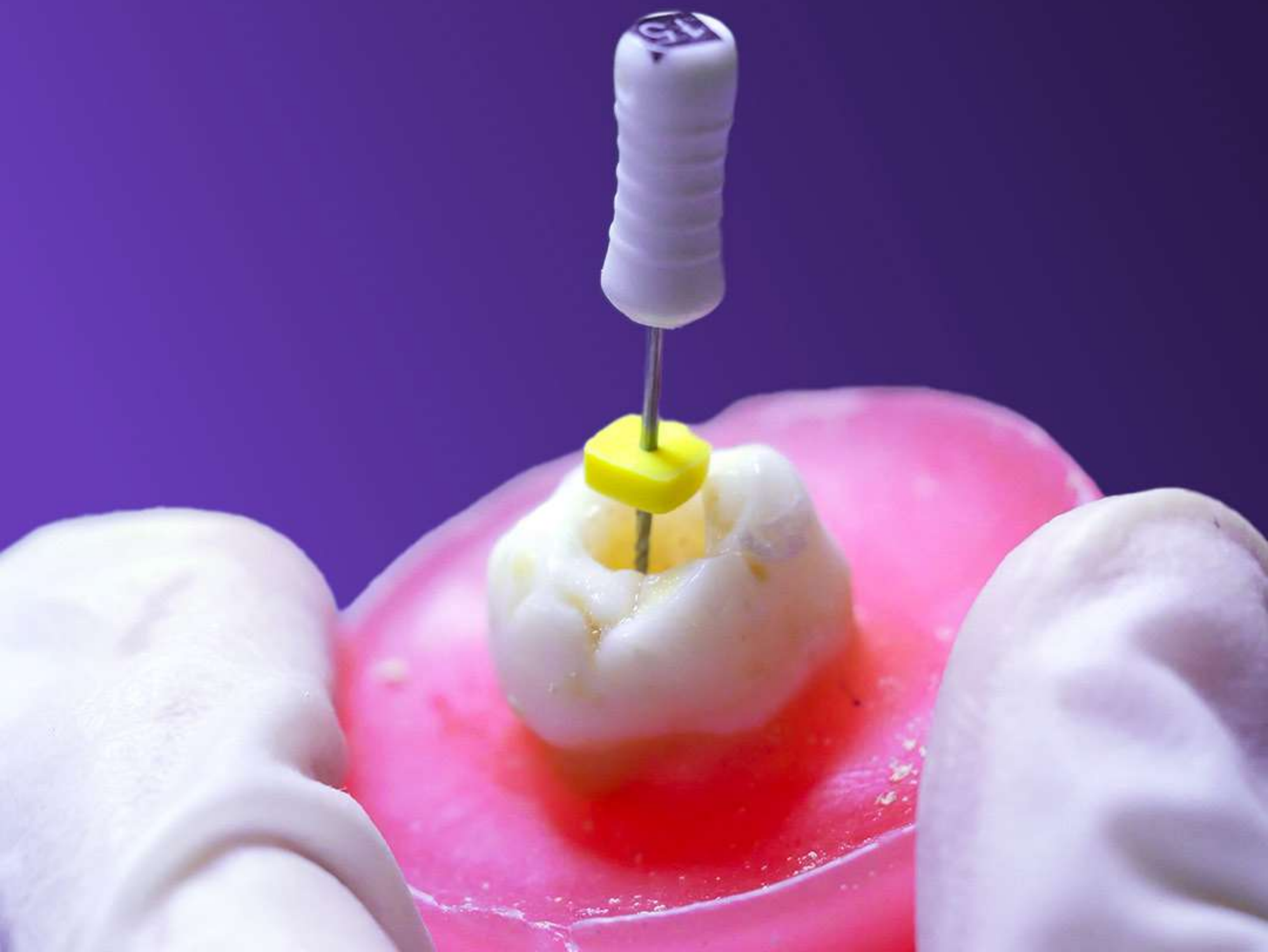




**MASTERY**<sup>®</sup>  
Dental Academy  
London

# ADVANCED ENDODONTICS PROGRAM

A three-module Program to take you from the  
basic to the advanced Endodontic Practice





**MASTERY**  
Dental Academy  
London

# Three Reasons to Learn Advanced Endodontics with Mastery Academy!

## **Learn Advanced Endodontic Techniques**

The program utilizes the latest dental equipment, including microscopes, ultrasonic devices, and NiTi rotary instruments. You'll also gain proficiency in reading and interpreting CBCT radiographs for accurate diagnoses.

## **Confidently Manage Complexities**

Our advanced program equips you with the skills to manage endodontic mishaps and complications. You'll learn how to avoid common issues like ledges, perforations, and instrument breakage, and effectively handle retreatment procedures.

## **Earn Recognition and Continuing Education Credits**

Upon successful completion, you'll receive a Certificate of Program Completion from Mastery Academy and 63 CE Hours from the ADA/AGD, enhancing your professional credentials and knowledge base.



# What You Will Learn

## **Be Competent in Daily Endodontics**

This module strengthens your foundation in essential endodontic procedures; quipping you with in-depth knowledge of rubber dam isolation, access cavity preparation for various scenarios, cleaning and shaping techniques, irrigation protocols, and obturation principles. The hands-on sessions will allow you to practice these skills using advanced rotary systems and different obturation techniques.

## **Overcome Endodontic Retreatments Challenges**

Retreatment cases can be complex. This module empowers you to tackle these challenges head-on, moreover, learn about the reasons for retreatment, decision-making factors, and effective techniques for removing restorations, posts, and old filling materials, including broken instruments and silver cones. You'll also gain expertise in utilizing ultrasonics and CBCT for diagnosis and treatment planning.

## **Mastering Advanced Endodontics & Management of Complications**

This module walks you through advanced endodontics, exploring vital pulp therapy, management of immature teeth and perforations, the science behind fractured instruments, and different removal techniques. Hands-on sessions provide opportunities to practice these advanced procedures, including managing fractured files in different locations, repairing furcal perforations, and performing apical/coronal plugs for open apex and immature teeth.

# In-Depth Curriculum

## Be Competent in Daily Endodontics

### Lectures

- Rubber dam isolation in endodontics.
- Access cavity; traditional versus modern trends, from A -Z.
- Cleaning and Shaping; A-Z (Scouting, Glide path and severely curved canals).
- Irrigation & Root canal cleaning from A-Z.
- Principles of Root Canals Obturation.
- Advanced Obturation Methods.

### Hands- On and Live Demonstration

- Rubber Dam Isolation using different techniques with different scenarios.
- Access Cavity preparation on anterior and posterior teeth. Cleaning and shaping using advanced rotary systems.
- Obturation using lateral condensation and single cone technique.
- Continuous Wave Compaction & Vertical Compaction obturation Techniques.
- General Discussion.

# Overcome Endodontic Retreatments Challenges

## Lectures

- Ultrasonics in endodontics & management of Calcified canals.  
Reasons, Etiology and considerations of root canal treatments
- failure.  
Retreatments considerations; when to/not to re-treat.
- Techniques for removal of restorations, Core materials, Metallic
- and fiber Posts.  
Methods and instruments for removal of root canal filling
- materials (including Silver Cones).  
Diagnosis and radiographic interpretation & Cone Beam
- Computed Tomography CBCT in endodontics.

## Hands- On and Live Demonstration

- Ultrasonic refining of access cavities & exploring MB and MB2 canals.
- Ultrasonic and low-speed removal of Core materials.
- Ultrasonic and low-speed removal of metal and fiber posts.
- Mechanical and manual removal of old filling materials.
- Root canals cleaning and shaping of retreated teeth.
- Reading Radiographs and CBCT images.
- General Discussion.

# Mastering Advanced Endodontics & Management of Complications

## Lectures

- Vital Pulp Therapy of Mature teeth
- Management of Immature teeth (open apex), perforations and regenerative endodontics using Calcium Silicate Based materials
- Metallurgy of fractured files and Management options
- Methods & techniques for removal of fractured instruments and
- Complications

## Hands-On

- Management of fractured files located in the coronal third of the root canal.
- Management of fractured files located in the middle third of the root canals.
- Non-Surgical repair of furcal perforation.
- Apical plug for open apex teeth and coronal plug for re-vascularization of immature teeth (Pulp regeneration).
- General Discussion.





**MASTERY**  
Dental Academy  
London



# Dr. Wagih Tarek

BDS MSc PhD

Cairo University, Egypt

- **Academic Background**

Graduated with honors from the Faculty of Dentistry, Cairo University (2008).

Completed an MSc in endodontic rotary files (2014).

Earned a PhD in regenerative endodontics and tissue engineering (2020).

- **Professional Roles**

Heads the Postgraduate Endodontic Clinic at Cairo University (since 2021).

International lecturer since 2014, sharing expertise in advanced endodontic techniques.

Co-founder and Executive Director of the Terauchi Endo Institute in Tokyo (since 2019).

- **Innovations and Events**

Key Opinion Leader for leading dental brands, including FKG Dentaire, CJ-Optik, Woodpecker, Zumax, and Denco.

Authored a top-downloaded article on managing broken files, widely recognized in endodontic circles.

- **Innovations and Events**

Launched the GLYDO rotary endodontic file brand (2022).

Organizer of notable events such as TEI by the Pyramids and ROOTSCON.

# Outcomes

**By the end of our advanced endodontics program, practitioners will be professionally able to:**

Confidently perform rubber dam isolation.

Master access cavity preparation techniques.

Effectively clean & shape complex canals.

Implement advanced obturation methods.

Diagnose & manage retreatment cases.

Utilize ultrasonics for enhanced outcomes.

Treat immature teeth and manage open apices.

Manage complications like perforations.

Remove fractured instruments with skill.

Leverage CBCT for accurate diagnosis.

Earn recognition with a Certificate of Program Completion from Mastery Academy.

Gain practical skills in Endodontics learning from an expert!

# Program Accreditation

Upon completing this program, you'll be awarded 63 CE credits, recognized and accredited by globally respected organizations; The Academy of General Dentistry (AGD) and The American Dental Association's Continuing Education Recognition Program (ADA CERP) assures both ADA members and the dental community of the program's high-quality education standards, fostering excellence in dental education worldwide

This program has been meticulously developed and delivered in full compliance with ADA CERP guidelines

We proudly hold ISO certification as a testament to our unwavering dedication to providing top-tier, cost-effective dental education and training to dental professionals worldwide.

Our commitment to quality is validated by our ISO certifications, which reflect our excellence in customer care and management services (ISO 9001:2015), as well as our utmost commitment to safeguarding personal data privacy and security (ISO 27001:2013). This assures all our global dental professionals of receiving education that's not only accessible but also upholds the highest standards of quality and data protection.





**MASTERY**<sup>®</sup>  
Dental Academy  
London

**YOUR SUCCESS IS OUR  
PASSION<sup>®</sup>**

Drop your inquiries here..

[registration@mastery-academy.com](mailto:registration@mastery-academy.com)

**Register now**

[WWW.MASTERY-ACADEMY.COM](http://WWW.MASTERY-ACADEMY.COM)