



ADVANCED ENDODONTICS COURSE

CERTIFICATE IN ADVANCED ENDODONTICS

LONDON 2025

COURSE INFORMATION BOOKLET

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Hello, and *welcome*

Welcome to one of the UK's most hands-on 'Advanced Endodontics' course, where you will be receiving the best hands-on teaching in the field of Endodontics.

The aim of this course is to provide a contemporary account of Endodontology, which will enable general dental practitioners to develop the skills necessary to provide high standards of care for patients requiring endodontic treatment.

The programme format will involve a combination of lectures, case discussion, but primarily hands-on training.

Practical skills shall be cultivated within a skills laboratory principally by demonstration from experienced clinicians.

It is appreciated that students may vary in their ability and experience; hence, the teaching will be tailored as far as possible to the students' requirements.

Please read through this booklet carefully, as it contains details of the nature of the course as well as contact information.

We hope you enjoy the course as much as we have putting it together.

If you have any questions at any point or require any further information, please do not hesitate to contact us.

Aspire Dental Academy

YOUR TUTORS

The course is delivered by Richard Porter and Raheel Malik

Richard Porter:

Richard is a GDC registered specialist in four areas: Prosthodontics, Endodontics, Periodontology and Restorative Dentistry. He was appointed as a Restorative Dental Consultant in a large London teaching hospital and maintained this role for just under 20 years. He was care group lead for facial trauma, oncology and deformity and complex dentistry for eight years whilst maintaining a solo private specialist referral practice. He is now a practice principal of the Aspire Dental Practice and Wellness Clinic, and post grad student in Psychology and Behavioural Sciences and plans to remain so for the foreseeable future. His passions are education, understanding the human mind and how this links to preventative medicine and human wellbeing. He is CoFounder of the Aspire Dental Academy, the UK's largest private post graduate academy and has trained several consultants, many specialist along with over 2000 post graduate GDPs.

Raheel Malik:

Dr Raheel Malik has spent over a decade in private practice, working in some of London's most prestigious areas, including Notting Hill, before co-founding his own state-of-the-art private clinic in Oxford Circus alongside Richard Porter. He graduated with honours in Biomedical Sciences before qualifying as a dentist from King's College London, where he received multiple national awards, including Student Clinician of the Year and winner of the UK Dentsply/Ceram.X Case Contest. Upon graduation, he was honoured with the prestigious Academy of Operative Dentistry Award. Raheel's commitment to clinical excellence and education has earned him continued recognition throughout his career. His first publication came as a student, and he has since contributed to several respected journals, including the Journal of Oral Implantology, International Journal of Dentistry, Journal of Craniofacial Surgery, and Dental Update.

Over 14 years ago, Raheel co-founded Aspire Dental Academy with Richard. Together, they have educated and inspired thousands of dentists through Aspire's hands-on programmes—helping clinicians at every stage of their careers refine their skills, elevate their standards, and ultimately deliver better patient care.

ACCREDITATION

The course is EduQual Level 7 accredited, which leads to a post-graduate certificate in Advanced Endodontics.

This is subject to a satisfactory presentation of a clinical portfolio, guidance of which is given throughout the course. If you do not wish to partake in the accreditation, you are still able to complete the course without being accredited.

The post-graduate certificate sets you on the pathway to a Diploma in Advanced Aesthetic Restorative Dentistry and Endodontics.

To achieve the Diploma, you also need to complete the following courses:

**Advanced Operative Aesthetic and Restorative Dentistry course
Advanced Occlusion & Wax-up course (2-day course)**

CPD

Each day is worth 7 verifiable 'Continued Professional Development' (CPD) hours and is in accordance with the GDC's enhanced CPD programme.

Prior to each course day, delegates are encouraged to read publications provided online. In order for you to benefit from the day's teaching, we strongly recommend that these are read before each day. Further literature will be provided throughout the course, including comprehensive handouts to complement the day's teaching.

At the end of each day, clinical cases with varying complexity will be discussed and treatment planned. Delegates are encouraged to bring in cases they are currently treating in practice so we can help treatment plan and advise.

DRESS CODE

There is no formal dress code for the course. However, you may wish to bring your tunic and loupes for the hands-on sessions.

VENUE

Aspire HQ
29-35 Mortimer St
London
W1T 3JG



HOW TO GET THERE

We're located in Oxford Circus, just a short walk from several key transport links.

By Tube:

- Oxford Circus (Victoria, Bakerloo, Central lines) – 6-minute walk
- Goodge Street (Northern line) – 7-minute walk
- Tottenham Court Road (Central, Elizabeth, Northern lines) – 10-minute walk
- Great Portland Street (Circle, Hammersmith & City, Metropolitan lines) – 10-minute walk
- Euston Station (Victoria, Northern lines, and National Rail) – 16-minute walk

By Bus:

Bus routes 55, 73, 98, and 390 stop nearby on Oxford Street and Great Portland Street.

On Foot:

We're located just off Oxford Street and a few minutes' walk from the BT Tower. Look out for the Aspire signage when you reach Mortimer Street.

By Car:

While we recommend public transport, there is limited paid street parking nearby. Please check local restrictions or use nearby car parks (e.g., Q-Park Oxford Street).

SYLLABUS

Day I – Dental Anatomy & Access Cavities

- Introduction
- Record keeping and medico-legal issues
- Endodontic assessment & diagnosis
- Dental anatomy
- Endodontic access cavities & straight-line access

Hands-On:

Creating straight line access cavities in molars

Aim:

To understand dental anatomy and endodontic access cavity designs

Objectives:

- To revise and understand basic dental anatomy & how this relates to access cavity design in molars
- To develop expertise in thoroughly assessing teeth for endodontics
- To understand that access cavity is the fundamental premise for success in endodontics
- To develop deep expertise in preparation for endodontics
- To ensure record keeping, consent and communication is optimised

Learning Content:

The day's theory and practical teaching is intended to provide a deep understanding and knowledge of endodontic access cavity design. Preparation for endodontics in practice, as well as assessment of teeth prior to undertaking endodontics procedures, is discussed. Record keeping, consent and communication with patients is discussed in detail.

Developmental Outcomes:

The following GDC's developmental outcomes are met: A, C & D

Day 2 – The Dentine-Pulp Complex & Principles of Canal Disinfection

- The structure and function of the dentine-pulp complex
- Pulp physiology and pathology
- Emergency & acute pain control (local anaesthetic techniques)
- The role of systemic antibiotics & other systemic & local medications
- Special tests, radiographic assessment & advanced imaging processes (CBCT)
- Irrigation & disinfection techniques
- Chelating agents
- Inter-appointment dressing techniques

Hands-on:

Creating straight line access cavities in incisors & premolars

Aim:

To understand the biology of endodontic diagnosis and endodontic procedures, and to understand the principles of canal disinfection

Objectives:

- To revise and understand basic dental anatomy & how this relates to access cavity design in incisors & pre-molars
- To understand the biology of endodontics
- To gain the ability to accurately diagnose odontogenic pain
- To accurately assess radiographs
- To explain emergency pain control protocols
- To understand the goals of the first stages in treatment
- To understand the essential role of rubber dam isolation
- To utilise highly effective irrigation agents & techniques
- To develop access cavity design & decontaminate the coronal 1/3rd

Learning Content:

The day's theory and practical teaching is intended to provide deep understanding and knowledge of the biology of endodontics. Delegates will learn how to diagnose and manage acute and chronic episodes of pain. The day will also provide a deep understanding of the principles of canal disinfection and preparation. Radiographic assessment and the importance of rubber dam isolation will be taught.

Developmental Outcomes:

- The following GDC's developmental outcomes are met: C

Day 3 – Mechanical Preparation

- Cleaning & shaping the root canal
- Patency filing and glide path development
- Different rotary and reciprocatory systems
- Working length assessment
- Apex locators & radiographs

Hands-on:

- Patency filing & glide path development
- Introduction to rotary & reciprocating systems
- Mechanical Canal preparation

Aim:

To understand mechanical canal preparation following access

Objectives:

- To understand and implement anatomy into canal preparation
- To extend preparation from the coronal 1/3rd to the apex
- To understand the importance of patency and glide path development & how to achieve it
- To understand various preparation technique systems

Learning Content:

The day's theory and practical teaching is intended to teach the fundamentals of canal preparation, in particular the coronal 1/3rd. Delegates will learn how to assess working length of canals using radiographs and apex locators. Patency filing as well as glide path development will be taught. Delegates will be introduced to rotary and reciprocating systems.

Developmental Outcomes:

The following GDC's developmental outcomes are met: C & D

Day 4 – Canal Preparation II & Procedural Errors

- Accessing the apex
- Apical gauging & preparation
- Zipping, ledging & perforations
- Removal of fractured instruments
- Epidemiology

Hands-on:

- Development of cleaning & preparation techniques
- How to ensure maximal disinfection at the apex
- How to ensure you achieve patency & fill to the apical constriction
- Problem solving with ledges, perforations & anomalies

Aim:

To continue to understand the principles of preparation and how to avoid procedural errors

Objectives:

- To increase understanding of working length assessment
- To develop understanding of apical gauging
- To consolidate & enhance canal preparation and disinfection techniques
- To understand how to avoid procedural errors and solve them if they occur

Learning Content:

The day's theory and practical teaching is intended to teach delegates how to prepare the apex of canals as well as dealing with iatrogenic damage. Emphasis is placed on preparation and decontamination of the apical third. Delegates will also learn how to work with their nurse efficiently and effectively.

Developmental Outcomes:

The following GDC's developmental outcomes are met: A, B, C & D

Day 5 - Obturation

- Root canal obturation
- Warm vertical techniques
- Schilder techniques
- Cold lateral techniques

Hands-on:

- Obturation techniques
- Cold Lateral Condensation
- Thermal methods of obturation
- Providing an immediate coronal seal

Aim:

To develop expertise in obturating root-treated teeth

Objectives:

- To develop an understanding of obturation techniques
- Understand & practice a variety of techniques, including thermal obturation
- Discussing final stages of treatment with patient

Learning Content:

The day's theory and practical teaching is intended to allow delegates to develop expertise in obturation techniques. A number of different techniques will be demonstrated, including cold lateral condensation and warm vertical compaction. Emphasis is placed on patient communication with regards to completing treatment.

Developmental Outcomes:

The following GDC's developmental outcomes are met: A, C & D

Day 6 –Endodontic Re-treatment

- Procedural Errors
- Removal of root canal blockages
- Removal of incumbent failed endodontic obturation material
- Removal of posts/silver points & separated instruments
- Management of very calcified canals

Hands-on:

- Removal of old gutta percha
- Optimisation of obturation techniques
- Access to WL of very calcified teeth
- Removal of posts & fractured instruments

Aim:

To develop expertise in endodontic re-treatment

Objectives:

- How to remove old failed endodontic material
- To understand how to disinfect a previously root-treated canal
- To understand & overcome common problems in endodontic retreatment
- To understand & overcome iatrogenic & anatomical problems

Learning Content:

The day's theory and practical teaching is intended to allow delegates to develop expertise in endodontic re-treatment. Gutta percha removal techniques will be taught as well as techniques to remove posts. Delegates will learn how to disinfect previously root-treated canals. A particular emphasis is placed on success rates and the communication of these to the patient.

Developmental Outcomes:

The following GDC's developmental outcomes are met: A, C & D

Day 7 – Trauma Management

- Understand the pathophysiology of dental trauma
- Luxation
- Fractures
- Root fractures
- Avulsions
- Understand root development
- Accurately assess prognosis & ensure best practice in management strategy
- Trauma

Hands-on:

Comprehensive endodontic management of traumatically compromised teeth. Using MTA to restore perforations & teeth with open apices

Aim:

To develop expertise in comprehensively managing traumatised teeth

Objectives:

- To understand how to assess teeth which have been traumatised
- To be aware of the different types of injuries teeth can sustain
- To learn how to effectively manage, treat and review traumatised teeth
- To understand where and how to access latest evidence in this highly litigious area
- To practice & perfect endodontic techniques for traumatised teeth

Learning Content:

The day's theory and practical teaching is intended to allow delegates to develop expertise in comprehensively managing traumatised teeth. Delegates will learn about the different types of injuries teeth can sustain and how to manage these. Materials such as MTA will be introduced. Emphasis will be placed on communication with patients suffering from trauma.

Developmental Outcomes:

The following GDC's developmental outcomes are met: A, C & D

Day 8 – Endodontic Consolidation

- Revision of previously taught and practiced material
- Case discussions
- Management of post-operative pain –prediction & avoidance
- Cracked tooth syndrome

Hands-on:

Comprehensive practice of endodontics from start to finish

Aim:

Revision of previously taught material

Objectives:

- To ensure techniques taught throughout the course are honed with deep expertise
- Discussion and problem-solving difficult cases delegates have encountered in practice

Learning Content:

The day's theory and practical teaching is intended to allow delegates to revise and re-practice theory and techniques taught throughout the course. Several radiographs displaying endodontic errors are discussed. Critiquing and appraisal of literature is also taught in detail. Referral to specialist practice and communication with specialist colleagues is also discussed.

Developmental Outcomes:

The following GDC's developmental outcomes are met: A, B, C & D

Days 9 & 10 - Restorative Aspects of Endodontically Treated Teeth I & II

- Periodontal assessment
- Restorative assessment
- Posts
- Dismantling restorations
- Direct restorations
- In-direct restorations
- Access through existing restorations

Hands-on:

- Direct and indirect posts
- Direct and indirect crowns
- Coronal dismantling

Aim:

To develop expertise in restoring endodontically treated teeth

Objectives:

- To develop deep understanding of restorative options for endodontically treated teeth
- To acquire skills in tooth & post preparation
- To develop skills in conventional & adhesive preparations
- To develop skills in access through or removal of existing restorations
- To learn how to effectively communicate restorative treatment options to patients

Learning Content:

The day's theory and practical teaching is intended to allow delegates to understand the need for restorative treatment following endodontic procedures. Delegates will learn about adhesive and mechanical onlay and crown preparations, as well as post and core procedures. Emphasis will also be placed on removing existing restorations and assessing the restorative prognosis of a tooth prior to commencing endodontic treatment.

Developmental Outcomes:

The following GDC's developmental outcomes are met: A, C & D

COURSE DATES

Group I - 2025/2026

NOV
11

**DAY 1:
DENTAL ANATOMY &
ACCESS CAVITIES**

MAR
24

**DAY 6:
ENDODONTIC
RE-TREATMENT**

DEC
02

**DAY 2:
THE DENTINE-PULP
COMPLEX & PRINCIPLES
OF CANAL DISINFECTION**

MAY
05

**DAY 7:
TRAUMA
MANAGEMENT**

JAN
13

**DAY 3:
MECHANICAL
PREPARATION**

JUN
02

**DAY 8:
ENDODONTIC
CONSOLIDATION**

FEB
10

**DAY 4:
CANAL PREPARATION II &
PROCEDURAL ERRORS**

JUN
30

**DAY 9:
RESTORATIVE
ASPECTS OF
ENDODONTICALLY
TREATED TEETH I**

MAR
03

**DAY 5:
OBTURATION**

AUG
11

**DAY 10:
RESTORATIVE
ASPECTS OF
ENDODONTICALLY
TREATED TEETH II**

COURSE DATES

Group 2 - 2025/2026

NOV
13

**DAY 1:
DENTAL ANATOMY &
ACCESS CAVITIES**

APR
16

**DAY 6:
ENDODONTIC
RE-TREATMENT**

DEC
04

**DAY 2:
THE DENTINE-PULP
COMPLEX & PRINCIPLES
OF CANAL DISINFECTION**

MAY
07

**DAY 7:
TRAUMA
MANAGEMENT**

JAN
15

**DAY 3:
MECHANICAL
PREPARATION**

JUN
04

**DAY 8:
ENDODONTIC
CONSOLIDATION**

FEB
12

**DAY 4:
CANAL PREPARATION II &
PROCEDURAL ERRORS**

JUN
02

**DAY 9:
RESTORATIVE
ASPECTS OF
ENDODONTICALLY
TREATED TEETH I**

MAR
05

**DAY 5:
OBTURATION**

AUG
13

**DAY 10:
RESTORATIVE
ASPECTS OF
ENDODONTICALLY
TREATED TEETH II**

COURSE FEE

Total Cost

£7,900 + VAT

Payments can be made in instalments or as a single payment.

INSTALMENTS

Payments can be made by bank transfer only.

Cash, credit cards, cheques and banker drafts are not accepted.

Please feel free to contact us if you have any further questions:

Email: info@aspiredentalacademy.com

Website: www.aspiredentalacademy.com

DATE	AMOUNT
September 13th 2025	£1,975.00 + VAT
December 1st 2025	£1,975.00 + VAT
March 2nd 2026	£1,975.00 + VAT
July 6 th 2026	£1,975.00 + VAT

BOOKING

To reserve your place on the course, please fill out the booking form, which can be found at: [Booking Form](#)

To confirm your place, a deposit of £500 is required. This will be deducted from your final instalment.

Deposits should be transferred to:

Name: Aspire D Academy

Sort code: 60-10-10

Account Number: 85935964

Cancellation policy

You may cancel your registration and receive a full refund of your deposit by May 1st 2026. Cancellations made after this date will not be eligible for a deposit refund.

aspire

DENTAL ACADEMY



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