



ASPIRE
Dental Academy

Advanced Endodontics Course

Certificate in Advanced Endodontics

**2025
London**

Course Information Booklet

Hello and Welcome!

Welcome to one of 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

Email: info@aspiredentalacademy.com

Website: www.aspiredentalacademy.com

The Course

The course is delivered by Richard Porter and Raheel Malik

Richard is a Consultant Specialist in Restorative and Implant Dentistry and Oral Rehabilitation. He is a vastly experienced teacher having run over 100 hands on courses. He has a higher diploma in post graduate dental and medical education and is well published in peer reviewed journals in subjects including tooth wear, composite build ups, crown and bridge, gerodontology, occlusion and Endodontics. He is a lead clinician in restorative dentistry at St. Georges Hospital, London, and has a very successful private practice based in London. He has placed and restored over 2000 implants, has completed over 5000 root canals and countless direct and indirect restorations. He is on the GDC specialist list for Restorative Dentistry, Prosthodontics, Endodontics and Periodontology, is a father and husband and welcomes you to this great opportunity with the Aspire Dental Academy.

Raheel works in a private practice in Notting Hill. After graduating with Honors from Biomedical Sciences, Raheel qualified as a dentist from King's College London, having won multiple awards as a student. In 2009, he won student clinician of the year and was 1st runner up in the UK finals. He also won the UK Dentsply/Ceram.X Case Contest in 2010, amongst many others. Raheel graduated receiving the prestigious 'Academy of Operative Dentistry' Award. He has also won awards since graduation. Raheel had his first publication in 'Aesthetic Dentistry Today' as a final year student and has since been published many times in several journals including the Journal of Oral Implantology, International Journal of Dentistry, the Journal of Craniofacial Surgery, and Dental Update. He has also been interviewed in the British Dental Journal and Dentistry magazine.

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 hand-outs to complement the days 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.

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.

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 at LonDec.

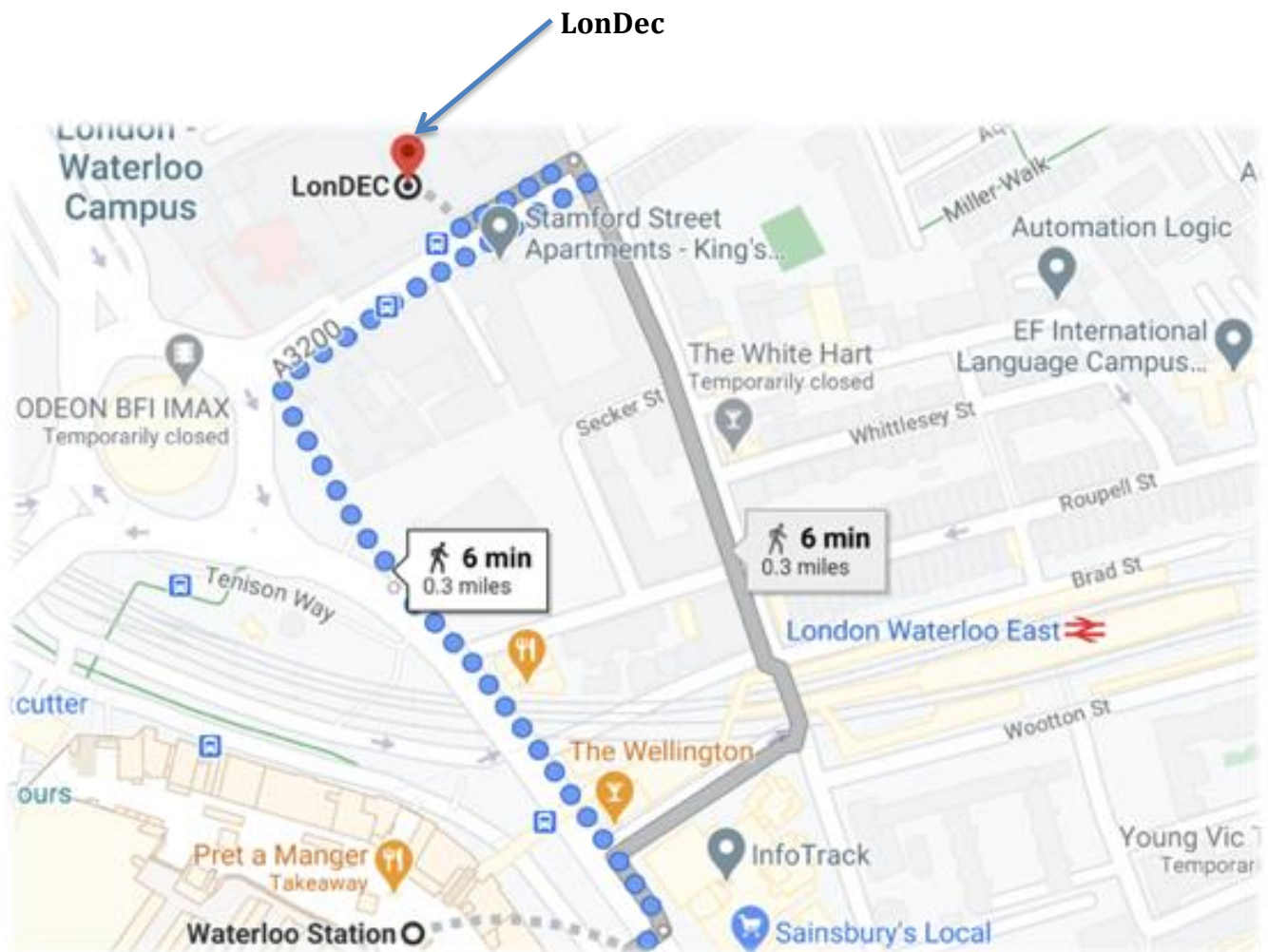
Venue

Londec

King's College London
3rd Floor Franklin-Wilkins Building
150 Stamford Street
SE1 9NH

How to get there:

This state-of-the-art teaching facility is located 5-6 minutes walk from Waterloo station (Mainline, Jubilee, Northern and Bakerloo lines)



Syllabus

Day 1 – 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 days theory and practical teaching is intended to provide 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 days 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 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 days 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 days 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 days 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 days 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 days 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 days 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 skill in access through or removal of existing restorations
- To learn how to effectively communicate restorative treatment options to patients

Learning Content:

The days 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 1

Day:	Topic:	Date:	Location:
1	Dental Anatomy & Access Cavities	14 th October 25	LonDec
2	The Dentine-Pulp Complex & Principles of Canal Disinfection	18 th November 25	LonDec
3	Mechanical Preparation	13 th January 26	LonDec
4	Canal Preparation II & Procedural errors	10 th February 26	LonDec
5	Obturation	10 th March 26	LonDec
6	Endodontic Re-treatment	14 th April 26	LonDec
7	Trauma Management	5 th May 26	LonDec
8	Endodontic Consolidation	2 nd June 26	LonDec
9	Restorative Aspects of Endodontically Treated Teeth I	30 th June 26	LonDec
10	Restorative Aspects of Endodontically Treated Teeth II	15 th September 26	LonDec

Please note the dates are provisional and may be subject to change. Final confirmed dates will be released in June 2025.

Group 2

Day:	Topic:	Date:	Location:
1	Dental Anatomy & Access Cavities	9 th October 25	LonDec
2	The Dentine-Pulp Complex & Principles of Canal Disinfection	6 th November 25	LonDec
3	Mechanical Preparation	15 th January 26	LonDec
4	Canal Preparation II & Procedural errors	12 th February 26	LonDec
5	Obturation	12 th March 26	LonDec
6	Endodontic Re-treatment	23 rd April 26	LonDec
7	Trauma Management	7 th May 26	LonDec
8	Endodontic Consolidation	4 th June 26	LonDec
9	Restorative Aspects of Endodontically Treated Teeth I	2 nd July 26	LonDec
10	Restorative Aspects of Endodontically Treated Teeth II	17 th September 26	LonDec

Please note the dates are provisional and may be subject to change. Final confirmed dates will be released in June 2025.

Course Fee:

Total Cost: £7,900 + VAT

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

Booking:

To reserve your place on the course please fill out the booking form which can be found at: <https://r535zigo8ph.typeform.com/to/cDIConXk>

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 2025. Cancellations made after this date will not be eligible for a deposit refund.

Instalments:

Date:	Amount:
September 1st 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

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

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