



ASPIRE

Dental Academy

Advanced Endodontics Course

**2019
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.

Endodontics plays a vital role in our daily practising lives. Aspire Dental Academy is proud to present the UK's first Enhanced Comprehensive Endodontic programme for general dental practitioners.

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 with the main emphasis on 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.

Teaching is provided through seminars, hands-on practical exercises and group discussions. Emphasis is placed on the hands-on element through out the course.

We have put together reading material for each day of the course and strongly recommend that this is read before each day in order for you to fully benefit from the day's teaching. Further course literature will be provided throughout including hand-outs to complement the days teaching.

We encourage students to bring along cases and questions to each session, as at the end of each day there will be a discussion and FAQ session.

CPD Hours and Reading Material

Each day is worth 7 verifiable enhanced 'Continued Professional Development' (CPD) hours. A certificate will be produced at the end of the year provided the course has been completed.

There is no formal assessment in order to gain the hours, however each participant is required to sign in as proof of attendance.

The reading material will contribute to non-verifiable CPD hours as long as the participant makes a record of this.

Venue:

The course is held at:

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 minutes walk from Waterloo station (Mainline, Jubilee, Northern and Bakerloo lines)



Dress Code

There is no formal dress code for the course. However, we request that you may bring your tunic and loupes for the course.

Syllabus

2019

Day 1 - Dental Anatomy & Access Cavities

Introduction
Support structure
Record keeping and medico-legal issues
Endodontic assessment
Dental anatomy
Endodontic access cavities & straight line Access
Letter writing and consent

Hands On:

Creating straight line access cavities in teeth including incisors, Premolars & molars

Aims and Objectives:

- To revise and understand basic dental anatomy & how this relates to access cavity design
- To develop expertise in thoroughly assessing teeth
- 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

Day 2 - The Dentine-Pulp Complex

The structure and function of the dentine-pulp complex
Pulp physiology and pathology
Endodontic diagnosis
Emergency & acute pain control (local anaesthetic techniques)
The role of systemic antibiotics & other systemic & local medications
Radiographic assessment

Hands On:

Surgery preparation
Radiographic techniques
Endodontic isolation
Access cavity refinement with detailed dental anatomy
Coronal decontamination

Aims and Objectives:

- To understand the goals of the first stages in treatment
- To understand the essential role of rubber dam isolation
- To accurately assess radiographs
- To develop access cavity design & decontaminate the coronal 1/3rd

Day 3 – Principles of Canal Disinfection & Preparation I

Special tests & advanced imaging processes (CBCT)
Irrigation & disinfection techniques
Chelating agents
Inter-appointment dressing techniques
Working length assessment
Apex locators & radiographs
Accessing the apex

Hands On:

Access & preparation of the canal using hand files
Introduction to rotary & reciprocating systems on the market
Problem solving with ledges, perforations & anomalies
Irrigation & disinfection techniques
Canal preparation – extending from the coronal 1/3rd to the apex

Aims and 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 & how to achieve it
- To utilise highly effective irrigation agents & techniques
- To understand various preparation technique systems

Day 4 – Principles of Canal Preparation II

Cleaning & shaping the root canal
Apical gauging & preparation

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

Aims and Objectives:

- To increase understanding of working length assessment
- To develop understanding of apical gauging
- To consolidate & enhance canal preparation techniques

Day 5 - Obturation

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

Hands On:

Obturation techniques
Cold Lateral Condensation
Thermal methods of obturation
Detailed use of the obturation armamentarium
Providing an immediate coronal seal

Aims and Objectives:

- To develop understanding of obturation techniques
- Understand & practice a variety of techniques including thermal obturation

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

Aims and Objectives:

- To understand & overcome common problems in endodontics
- To understand & overcome iatrogenic & anatomical problems
- How to remove old failed endodontic material & disinfect a previously root treated canal
- To perfect obturation techniques

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

Aims and Objectives:

- To ensure best practice is adopted
- To ensure delegates understand where and how to access latest evidence in this highly litigious area
- To practice & perfect endodontic techniques for traumatised teeth

Day 8 – Endodontic Consolidation

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

Hands On:

Comprehensive practice of endodontics from start to finish

Aims and Objectives:

- To ensure techniques are honed with deep expertise
- Problem solving from previous days

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

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

Hands On:

Direct and indirect posts
Direct and indirect crowns
Cutting back and tooth whitening techniques
Coronal dismantling

Aims and Objectives:

- To give deep understanding of the restorative options for endodontically treated teeth
- To give deep skills in tooth preparation & post preparation
- To develop skills in conventional & adhesive preparations
- To develop skill in access through or removal of existing restorations

Course Dates:

Day:	Topic:	Date:	Location:
1	Dental Anatomy & Access Cavities	4 th October 2019	LonDec, Waterloo
2	The Dentine-Pulp Complex	18 th October 2019	LonDec, Waterloo
3	Principles of Canal Disinfection & Preparation I	13 th December 2019	LonDec, Waterloo
4	Principles of Canal Preparation II	3 rd January 2020	LonDec, Waterloo
5	Obturation	20 th March 2020	LonDec, Waterloo
6	Endodontic Re-treatment	18 th September 2020	LonDec, Waterloo
7	Trauma Management	2 nd October 2020	LonDec, Waterloo
8	Endodontic Consolidation	20 th October 2020	LonDec, Waterloo
9	Restorative Aspects of Endodontically Treated Teeth I	20 th November 2020	LonDec, Waterloo
10	Restorative Aspects of Endodontically Treated Teeth II	11 th December 2020	LonDec, Waterloo

Course Fee:

To reserve your place on the course a deposit of £200 is required, which will be returned to you at the end of the year.

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

Each session costs £570 + VAT

Total Cost: £5,700 + VAT

Instalments:

Date:	Amount:
6 th September 2019	£1,425 + VAT
6 th December 2019	£1,425 + VAT
6 th March 2020	£1,425 + VAT
18 th September 2020	£1,425 + 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:

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