



ASPIRE

Dental Academy

Advanced Endodontics Course

Certificate in Advanced Endodontics

**2020
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 throughout 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.

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. In order to achieve the diploma, you also need to complete the “Advanced Operative Aesthetic and Restorative Dentistry” course and “Advanced Occlusion “courses.

Each day is worth 7 verifiable ‘Continued Professional Development’ (CPD) hours and is in accordance with the GDC’s enhanced CPD programme. Certificates will be given in December 2019 and at the end of the course.

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:

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)



Syllabus

2020

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

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
- 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

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

Aim:

To understand the biology of endodontic diagnosis and endodontic procedures

Objectives:

- To understand the biology of endodontics
- To gain the ability to accurately diagnose odontogenic pain
- 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 accurately assess radiographs
- 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 as well as understanding the fundamentals of canal preparation in particular the coronal 1/3rd. 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 – 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

Aim:

To understand the principles of canal disinfection and preparation

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

Learning Content:

The days theory and practical teaching is intended to provide deep understanding of the principles of canal disinfection and preparation. As well as hand files delegates will be introduced to rotary and reciprocating systems. Preparation of canals to the apex as well as dealing with iatrogenic damage will be taught. Irrigation and disinfection techniques are discussed in detail.

Developmental Outcomes:

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

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

Aim:

To continue to understand the principles of canal disinfection and preparation

Objectives:

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

Learning Content:

The days theory and practical teaching is intended to continue to provide deep understanding of the principles of canal disinfection and preparation. Delegates will learn how to assess the working length of canals using radiographs and apex locators. Emphasis is placed on preparation and decontamination of the apical third. Delegates will learn how to work efficiently and effectively with their nurse.

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
Epidemiology

Hands On:

Obturation techniques
Cold Lateral Condensation
Thermal methods of obturation
Detailed use of the obturation armamentarium
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

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
Tooth whitening
Access through existing restorations

Hands On:

Direct and indirect posts
Direct and indirect crowns
Cutting back and tooth whitening techniques
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:

Day:	Topic:	Date:	Location:
1	Dental Anatomy & Access Cavities	9 th October 2020	LonDec
2	The Dentine-Pulp Complex	6 th November 2020	LonDec
3	Principles of Canal Disinfection & Preparation I	7 th May 2021	LonDec
4	Principles of Canal Preparation II	21 st May 2021	LonDec
5	Obturation	16 th July 2021	LonDec
6	Endodontic Re-treatment	1 st October 2021	LonDec
7	Trauma Management	22 nd October 2021	LonDec
8	Endodontic Consolidation	5 th November 2021	LonDec
9	Restorative Aspects of Endodontically Treated Teeth I	19 th November 2021	LonDec
10	Restorative Aspects of Endodontically Treated Teeth II	3 rd December 2021	LonDec

Please be aware that these dates are provisional and maybe subject to change. You will be notified of any changes prior to the commencement of the course.

Course Fee:

To reserve your place on the course a deposit of £200 is required, which will be deducted from your final instalment.

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

Each session costs £645 + VAT

Total Cost: £6,450 + VAT

Instalments:

Date:	Amount:
11 th September 2020	£1,612.50 + VAT
4 th December 2020	£1,612.50 + VAT
5 th March 2021	£1,612.50 + VAT
24 th September 2021	£1,612.50 + 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

Aspire Dental Academy