



**ASPIRE**

Dental Academy

**Diploma  
in  
Aligner Orthodontics**

2024  
London

**Course Information Booklet**

## **Hello and Welcome!**

Welcome to one of UK's most hands-on dental training academies where you will be receiving the best hands-on teaching in the field of aligner orthodontics.

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.

Please do not hesitate to contact us if you have any questions or require any further information.

### ***Aspire Dental Academy***

*Email:* [info@aspiredentalacademy.com](mailto:info@aspiredentalacademy.com)

*Website:* [www.aspiredentalacademy.com](http://www.aspiredentalacademy.com)

## The Course

The diploma is designed for GDP's who are looking to upgrade their knowledge in orthodontics so that they can confidently and safely provide aligner treatments for their patients. The course teaches fundamental and advanced orthodontics and its application to aligner therapy from diagnosis and treatment to retention.

The course is taught over two years. Year 1 consists of 10 face-to-face teaching days with practical hands-on training. Year 2 consists of monthly webinars designed to consolidate the teaching from year 1 and mentor delegates through cases they are treating and planning on treating.

One-to-one mentorship and support for cases being treated during the course will be provided on the face-to-face teaching days and online via our mentorship portal.

The course is delivered by Matthew Clover.

Matthew Clover is a specialist orthodontist with over 20 years' experience in military, hospital, NHS and private practice.

He qualified as a dentist from Guy's Hospital in 1998 and joined the British Army, winning the prestigious Sandhurst Cup as best cadet.

He worked in the UK and Germany and completed overseas tours in Afghanistan, Bosnia, Kenya, Ascension Island and Oman.

Following a year as a senior house officer in Maxillofacial Surgery in Portsmouth, he successfully gained a place to study orthodontics at Bristol University and in 2008 was awarded a doctorate in Orthodontics, full accreditation with the General Dental Council as a specialist in orthodontics and the prestigious Harry Orton Prize as the top academic orthodontist in his year.

He worked as an associate in practice for 5 years before buying two specialist orthodontic practices in Salisbury, UK.

He has been an accredited provider of Invisalign and Incognito for over 12 years and has published articles in several peer-reviewed journals. He has lectured to dentists and orthodontists on topics as varied as self-ligation, aligner mechanics, thumb sucking cessation and interceptive orthodontics.

He has an interest in the links between dental and physical well-being and enjoys sifting through the facts and fiction surrounding dental health trends.

He divides his time between working at his clinic in Salisbury, lecturing, studying new orthodontic techniques, spending time with his family and keeping fit.

## **Accreditation**

The course is EduQual Level 7 accredited which leads to a post-graduate diploma in Aligner orthodontics. This is subject to a satisfactory presentation of a clinical portfolio and an MCQ exam. If you do not wish to partake in the accreditation, you are still able to complete the course without being accredited.

In year 1 each day is worth 7 verifiable 'Continued Professional Development' (CPD) hours and in year 2 each webinar is worth 1.5 CPD hours and is in accordance with the GDC's enhanced CPD programme. Certificates will be given in December 2022 and at the end of the course.

## **Dress Code**

There is no formal dress code for the course.

## Venues:

The course is held at:

### **Park Plaza, Westminster Bridge**

200 Westminster Bridge Road

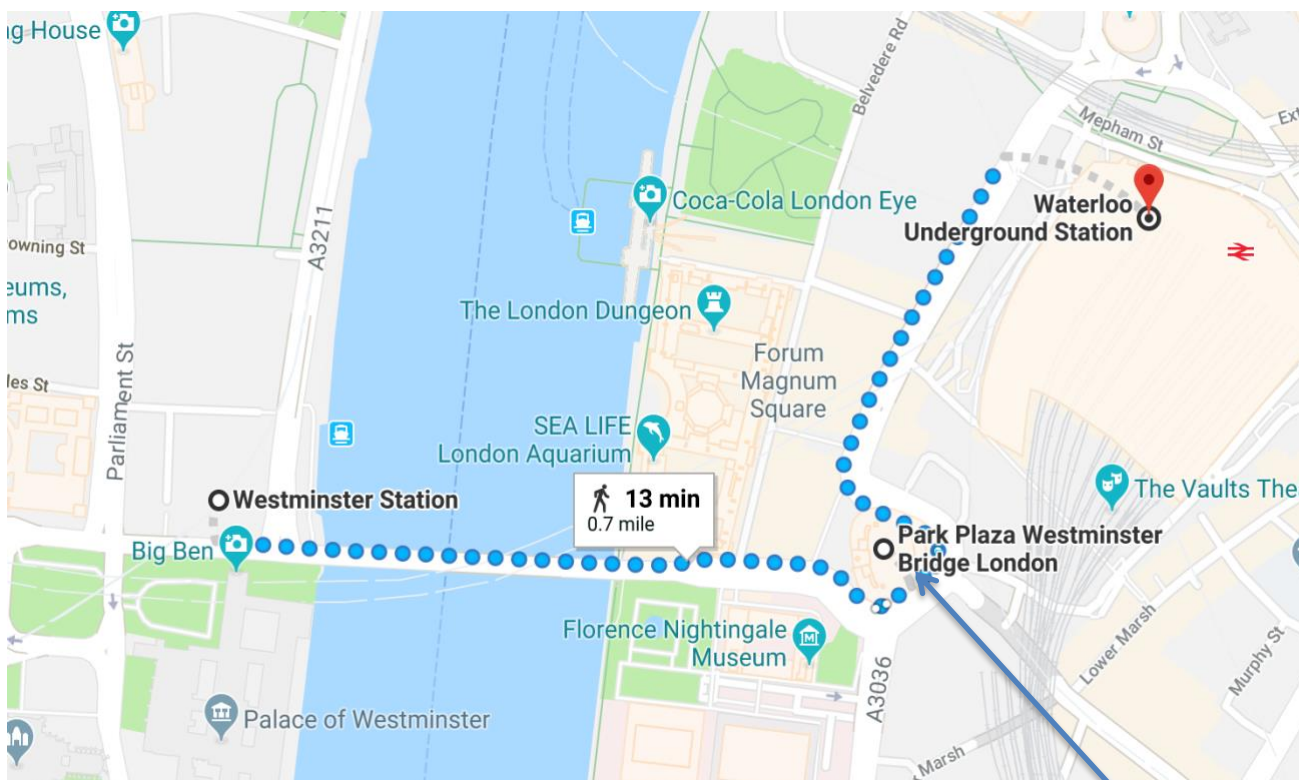
London

SE1 7UT

United Kingdom

### **How to get there:**

The closest underground stations are Waterloo (Mainline, Jubilee, Northern and Bakerloo lines) and Westminster (Jubilee, Circle and District lines), both 5-7 minutes walk to the hotel.



**Park Plaza**

# Syllabus

## Year 1

### **DAY 1: Orthodontic Assessment, Diagnosis & Consent**

Introduction to the course

History of orthodontic treatment

Taking an orthodontic history

Conducting an orthodontic examination

Special tests

Writing a problem list and making a diagnosis

Consent

Orthodontic Risks

***Hands on:** Orthodontic examinations with 1:1 guidance*

### **Day 2: Aligner Biomechanics I**

Principles of orthodontics

Biology of tooth movement

Understand aligner mechanics & aligner treatment

Anchorage

Occlusion

***Hands on:** Treatment planning exercises*

### **Day 3: Aligner Biomechanics II**

Understand & fully learn how to use ClinCheck & Spark Approver Software

Communication with orthodontic technicians

Understanding how to assess and adjust your ClinCheck and Spark Approver Plan

How to make changes to your Invisalign treatment plan

***Hands on:** Treatment planning exercises*

#### **Day 4: Clinical Records**

Photography in orthodontics

Camera, lens & flash selection

Deep understanding of camera settings

Take high quality impressions for orthodontic aligners

Understand how to use an intra-oral scanner

#### ***Hands on:***

*Clinical photography*

*Impressions*

*Scanning*

#### **Day 5: Aligner Treatment**

Understand how to use and place attachments

Understand when and how to carry out IPR

Pontics

Auxiliaries

#### ***Hands on:***

*Placing attachments*

*Interproximal reduction*

*Placing Auxiliaries*

*Pontic Painting*

*Placing separators*

*Button cut outs*

*Button bonding*

*Sectional fixed appliance & Bracket bonding*

### **Day 6: Class I Malocclusions**

How to diagnose, plan and execute treatment for Class I cases

Indications, treatment mechanics and limitations for expansion and distalisation

#### ***Hands on:***

*Treatment Planning Exercises*

### **Day 7: Class II & Class III Malocclusions**

How to diagnose, plan and execute treatment for Class II cases

How to diagnose, plan and execute treatment for Class III cases

Advanced Treatment Mechanics

Overcorrection

Overjet reductions

Intrusion/extrusion

Rotations

Inter-maxillary elastics

#### ***Hands on:***

*Treatment Planning Exercises*

### **Day 8: Deep, Open and Cross Bites**

Learn to treat deep, open & cross bites

Aetiology, options for treatment and treatment mechanics

Tracking

Mid-course Corrections

Refinement

#### ***Hands on:***

*Treatment Planning Exercises*



## **Day 9: Retention & Treatment Planning**

Retention

Indications, designs, protocols for removable retainers

Indications, designs, protocols for fixed retainers

Consent for retention

Troubleshooting

***Hands on:***

*Fixed bonded retainers*

## **Day 10: Orthodontic & Restorative Interface**

Planning cases requiring restorative treatment

Retention of teeth requiring restorative intervention

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.

## Course Dates:

### Year 1:

Day:	Topic:	Date:	Location:
1	Orthodontic Assessment, Diagnosis & Consent	25 <sup>th</sup> October 2024	Park Plaza, Waterloo
2	Aligner Biomechanics I	22 <sup>nd</sup> November 2024	Park Plaza, Waterloo
3	Aligner Biomechanics II	6 <sup>th</sup> December 2024	Park Plaza, Waterloo
4	Clinical Records	24 <sup>th</sup> January 2025	Park Plaza, Waterloo
5	Aligner Treatment	21 <sup>st</sup> February 2025	Park Plaza, Waterloo
6	Class I Malocclusions	21 <sup>st</sup> March 2025	Park Plaza, Waterloo
7	Class II and Class III Malocclusions	11 <sup>th</sup> April 2025	Park Plaza, Waterloo
8	Deep, Open & Cross Bites	23 <sup>rd</sup> May 2025	Park Plaza, Waterloo
9	Retention & Treatment Planning	13 <sup>th</sup> June 2025	Park Plaza, Waterloo
10	Orthodontic/Restorative Interface	18 <sup>th</sup> June 2025	Park Plaza, Waterloo

**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.**

### Year 2:

Year 2 consists of online webinars conducted once a month in the evening. The webinars will focus on mentorship and treatment planning cases delegates are currently treating or thinking of treating. Year 2 will consolidate all the teaching from year 1 and expand orthodontic knowledge via treatment of delegates own cases which delegates will be walked through from start to finish.

Separately in year 2, delegates will continue to have access to the online mentorship portal where all cases currently being planned and treated can be discussed.

## 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.

Total Cost: £9,400 + VAT

## Instalment Deadlines:

Date:	Amount:
September 6th 2024	£2,350 + VAT
December 6th 2024	£2,350 + VAT
March 7th 2025	£2,350 + VAT
July 11th 2025	£2,350 + VAT

Payments are accepted through bank transfer. 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](mailto:info@aspiredentalacademy.com)

Website: [www.aspiredentalacademy.com](http://www.aspiredentalacademy.com)

Booking:

***Aspire Dental Academy***