

# CERTIFICATION PROGRAM in ORTHODONTICS

3 MODULES

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**Knightsbridge  
Academy**  
Dental & Medical  
Trainings





# Course Information

## Course Name

Certification Program in Orthodontics (3 Modules /1-Year)

## Faculty

Prof. Dr. Parmjit Singh

## Educational Director

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## Duration

7 Hours x 3 Days x 3 Modules

## CPD Hours

Participants will be awarded 60 CPD hours

## Date

1<sup>st</sup> Module, 17-19 July 2020  
2<sup>nd</sup> Module, 14-16 August 2020  
3<sup>rd</sup> Module, 20-22 November 2020

## Venue

Rove Hotel, Dubai, UAE

## Teaching Method

- Theoretical Lessons
- Hands-on Practice on Typodonts
- Case Discussions
- Handouts

## Language

Course will be delivered in English





# What You Will Learn

In module 1, you will learn the principles of growth and development related to orthodontics and develop skills in patient assessment, orthodontic records and cephalometry as well as acquire knowledge of aetiology in orthodontics.

In module 2, you will focus on treatment planning of a range of malocclusions and learn the importance of bracket placement along with developing skills in bonding procedures and treatment protocols for a Class I case.

In module 3, in depth knowledge on a range of treatment mechanics and clinical scenarios will be covered such deep bites, transverse discrepancies and asymmetries followed by practical exercises in finishing and retention.

After completing this course, you can start treating simple cases that includes Class I cases, some simple overbite and overjet problems. Also, you will have some knowledge about Class II and Class III cases, but you need to develop some experience with simple cases first.



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# Program Topics

## Module 1

- Classification of Malocclusion
- Rationale for Orthodontics
- Patient Assessment
- Orthodontic Records
- Cephalometry
- Clinical Photography
- Orthodontic Consent
- Risks in Orthodontics
- Growth and Orthodontics
- Interceptive Treatment
- Introduction to Bonding

## Module 2

- Instruments and Materials
- Fixed Appliances
- Orthodontic Banding
- Bracket Placement and Ligation
- Archwire Sequencing
- Anchorage in Orthodontics
- Orthodontic Friction
- Extractions in Orthodontics
- Inter-proximal Reduction
- Treatment Planning Class I Cases
- Treatment Planning Class II Division I Cases

## Module 3

- Deep Bites and Open Bites
- Transverse Management
- Asymmetries
- Supplementary Mechanics
- Finishing and Wire Bending
- Debonding and Bonded Retainers
- Retention in Orthodontics
- Aligner Treatment
- Treatment Planning Class II Division II Cases
- Treatment Planning Class III Cases



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# Module 1

Orthodontics  
Certification  
Program

# Principles of Orthodontic Patient Assessment

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## Educational Aims

To introduce the student to orthodontic patient assessment and need for relevant records for orthodontic diagnosis and treatment planning.



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# Module 1

## Orthodontics Certification Program

### Learning Outcomes

Successful students will be able to:

1. Comprehensively understand the principles, theory and stages of orthodontic patient classification and assessment.
2. Systematically review and clinically evaluate orthodontic clinical records and cephalometric analyses.
3. Critically evaluate the nature of skeletal growth and types of growth in the craniofacial complex.

### Practical Sessions

- Patient Assessment
- Cephalometry
- Clinical Photography
- Orthodontic Separation
- Bracket Bonding



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# Principles of Orthodontic Treatment Planning and Treatment Protocols

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## Educational Aims

To introduce the student to orthodontic diagnosis and treatment planning and provide basic skills in the provision of orthodontic treatment for Class I and Class II Division I malocclusions.



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# Module 2

## Orthodontics Certification Program

### Learning Outcomes

Successful students will be able to:

1. Comprehensively understand the knowledge of diagnosis and treatment planning in orthodontics for Class I and Class II Division I malocclusions.
2. Critically evaluate the principles of different orthodontic treatments for Class I and Class II Division I malocclusions.
3. Comprehensively understand the protocols for orthodontic appliance fabrication and placement.
4. Critically evaluate tooth movements and how to control them effectively.

### Practical Sessions

- Orthodontic Banding
- Class I Typodonts
- Archwire Sequencing
- Treatment Mechanics
- Inter-proximal Reduction
- Case Discussions



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# Principles of Orthodontic Treatment

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## Educational Aims

To develop the student in identifying appropriate treatment protocols for specific clinical scenarios and aid in their decision making for successful orthodontic treatment.



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# Module 3

## Orthodontics Certification Program

### Learning Outcomes

Successful students will be able to:

1. Comprehensively understand the knowledge of diagnosis and treatment planning in orthodontics for Class II Division II and Class III malocclusions.
2. Critically evaluate the fundamental protocols for orthodontic treatments in specific clinical scenarios.
3. Comprehensively understand the theory and systematically critique the safe practice of contemporary orthodontics.

### Practical Sessions

- Supplementary Mechanics
- Finishing in Orthodontics
- Wire Bending
- Bonded Retainers
- Debonding
- Treatment Planning
- Case Discussions



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# Faculty

## *Certification Program in Orthodontics*

# Prof. Dr. Parmjit Singh



After qualifying as a dentist from the University of Newcastle in 2001, Parmjit relocated to London where he worked in general practice and at three undergraduate teaching hospitals. His specialist orthodontic training took place in London, Essex and Suffolk. He is trained

to consultant level, the highest level for a UK orthodontist and has worked at the Chelsea and Westminster Hospital in London and Ipswich Hospital as a locum consultant. Parmjit's special interests include adult orthodontics (having completed a Masters in smile aesthetics) as well as orthodontic retention, a subject area he has both lectured and published in. He provides the full range of orthodontic appliances including Incognito lingual braces and Invisalign.

He thoroughly enjoys teaching and has been awarded the Certificate in Learning and Teaching. He is a Professor of Orthodontics at the College of Medicine and Dentistry, Birmingham, where he is Course Director for the Master in Orthodontics and the Master in Clinical Orthodontics. The course has collaborations with both BPP University and the University of Ulster. He is also the orthodontic lead for the Diploma in Orthodontics that is delivered at

the Ghana Institute of Management and Public Administration in Accra, Ghana in collaboration with the City of London Dental School.

Parmjit is a member of the British Orthodontic Society and the European Orthodontic Society. He is a Fellow of the Royal College of Surgeons of England and an Associate Fellow of the Higher Education Academy.

He is an examiner for the Royal College of Surgeon's Licence in Dental Surgery (LDS), the Royal College of Surgeon's Diploma in Orthodontic Therapy, the Royal College of Surgeon's Diploma of Membership of the Faculty of Dental Surgery (MFDS) and also examines for the National Examining Board for Dental Nurses where he sits on the orthodontic committee. In addition to these roles, he is a clinical adviser at the General Dental Council as an expert witness providing independent, impartial clinical advice.

He spends his time between London and Spain and enjoys cycling, hiking and DIY in his spare time.



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# VESTA & Knightsbridge Academy

Simply graduating from dental or medical school with the knowledge and skills we have acquired during our studies is not enough in the fast-paced professional healthcare setting.

As techniques change and new evidence emerges, dentists need to ensure they acquire continuing post-graduate education to update their knowledge, to develop new skills and to enhance their expertise, the same way they constantly renew equipment in their practices and introduce new processes.

This necessity is exactly what brought about the creation of the VESTA Academy and Knightsbridge Academy. In order to provide doctors with much needed up-to-date knowledge from reliable sources and via safe channels.

Vestiyer Publishing Group decided to create a further unit in supplementing post-graduate dental education activities within the Group in 2005.



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VESTA Academy backed by Vestiyer Publishing Group's experience began to grow rapidly in a very short time introducing international trainings which drew great interest of dentist worldwide.

In 2010, Knightsbridge Academy was established by Vestiyer Publishing Group in England, UK to provide first class comprehensive international courses for dental and medical professionals.

VESTA Academy & Knightsbridge Academy offer a range of training programs in dental and parodontal fields for both dentists and their team members.

VESTA Academy & Knightsbridge Academy have conducted hundreds of training seminars and conferences for dentists and

their assistants. Thousands of participants from Turkey and all over the world preferred VESTA Academy & Knightsbridge Academy to improve, update and strengthen their education.

As one of our postgraduate dental & medical courses, we have been organizing Cadaver Dissection Courses at the Anatomy Training Center of Vienna Medical University since 2010. Recently, we are also proud to announce our high quality implantology courses on fresh human cadavers in Istanbul, Turkey and Coventry, UK.

VESTA Academy & Knightsbridge Academy have determined a one-sentence mission: *For better dentistry and medicine, continue postgraduate education.*

## Vestiyer Publishing Group

Vestiyer Publishing Group made its way into the publication world by publishing The Journal of Dentistry in 1989.

Success of The Journal of Dentistry paved the way for the emergence of nine different scientific and industrial dental periodicals in the coming years.

In addition to producing its own content, Vestiyer Publishing Group has also provided readers in Turkey with worldwide well-known major dental journals.

With the strength that comes from the success of these periodicals, under the name of 'Dentist Library', it has published a series of books which include scientific

information, as well as a variety of professional information essential for dentists.

In the last 30 years, Vestiyer Publishing Group, has brought professionals a wide range of publications ranging from designing practices to legal responsibilities, from occupational diseases to patient relationships. With its constantly updated database, Vestiyer Publishing Group has formed a wide distribution network in the field of dentistry.

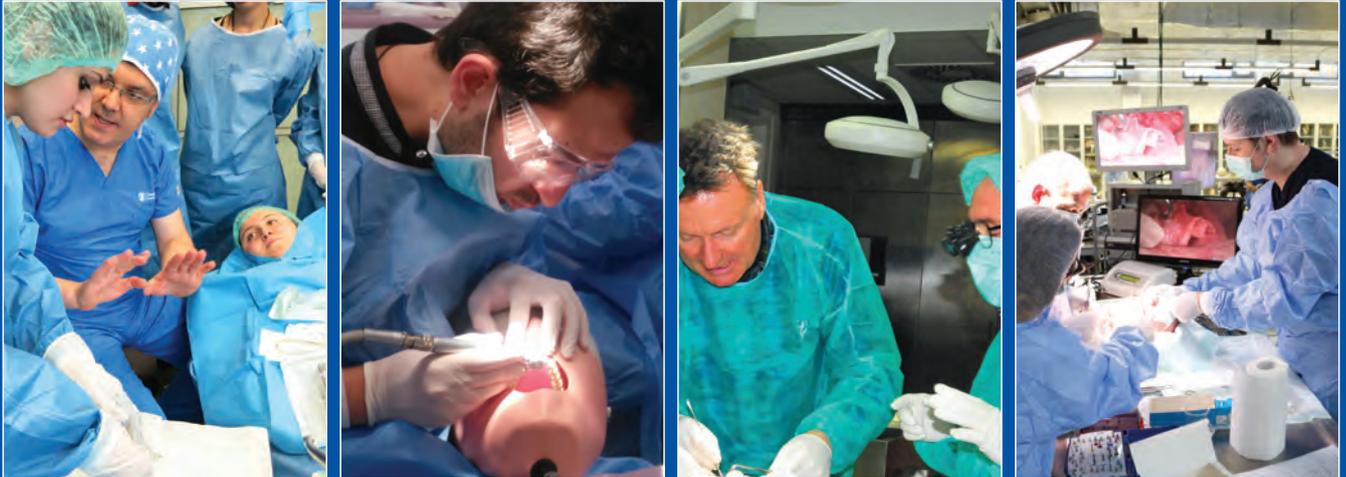
Vestiyer Publishing Group serves as a communication and information bridge between the universities, societies, commercial organisations and dentists.

Vestiyer Publishing Group has nine different publications that are dental industry specific:

- Journal of Dentistry
- The Turkish Journal of Dentistry
- Dental Tribune
- Implants
- Dental Labor
- Roots
- Cosmetic
- Today
- PNV



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