



— THE CITY OF LONDON —  
**DENTAL SCHOOL**

DIPLOMA COURSE

# Diploma in Digital Implantology



## About the Course

This multimodular course delivers the essential components expected by the General Dental Council (GDC) for registrants placing and restoring dental. The clinical supervisors and tutors are all experienced implant dentists and educators with a combined experience of over sixty years in implant dentistry. This course teaches how to use implant planning software and cone-beam computed tomography (CBCT) scans to plan and place implants predictably. The fee includes all the teaching materials and software required online.

### Course Modules.

1. Principles and Application of Implantology
2. Clinical Implant Internship

Upon completion of modules 1 and 2, a Diploma in the Clinical Practice of Implantology will be awarded.

### Course Overview

Computer-guided dental implantology means that even the novice can safely and predictably place implants. In the same way that clear aligner orthodontics makes it possible for GPs to benefit from expert preplanning and predictability, implants can be inserted and planned in much the same way. The course provides the opportunity to plan implant cases using planning software and technology, software, and instrumentation that not only plan the positioning of the implants but also guide the clinical placement of the implants from a restoratively driven perspective.



## Module Outline



## Course Learning Outcomes

Upon completion of modules 1 and 2, you'll be able to confidently:

1. Assess, diagnose, and implement a treatment plan to meet patient dental implant needs.
2. Understand the prerequisites to achieve and maintain osseointegration.
3. Interpret and plan dental implant cases using cone-beam computed tomography (CBCT) scans.
4. Use computer-assisted technology for planning dental implant treatment and guided surgery.
5. Know the generic components and features of multiple dental implant systems.
6. Recognise and manage dental implant complications.
7. Obtain informed consent for dental implant treatment.
8. Assemble a logbook of completed cases as evidence of clinical training, as required by the General Dental Council.



## Module 1: Principles and Application of Implantology

This module covers the prerequisites for osseointegration and patient assessment for implants. It is ideal for beginners and those experienced in implant practice who want to consolidate their knowledge and understanding. Online interactive seminars are scheduled regularly, once a week, lasting 1 or

2 hours.

A certificate in the Principles and Application of Implantology will be awarded upon completion of this course.

### Course Topics.

1. Understand the requirements which must be met to achieve and maintain osseointegration from a histological and patient perspective
2. The surgical and restorative steps will be explained in detail and the importance of adherence to strict prosthetic principles and occlusion will be emphasized.
3. Differentiate between delayed and immediate placement protocols and immediate loading.
4. Indications for the various placement types are discussed, and their advantages and disadvantages are clearly explained.
5. The various surgical and prosthetic protocols used to place and restore implants.
6. Differentiate between transfer digital and analogue impression methods, together with their limitations,
7. Conventional as well as the latest digital techniques employed in the restoration of dental implants will be covered in terms of cost, accuracy, and clinical outcomes.





## Module 2: Clinical Implant Internship

An internship that teaches the surgical management, placement, and restoration of dental implants. Clinical training can be undertaken in the UK and internationally. The number of implants placed can be varied according to individual training requirements. On completion of internship training, a training certificate and case logbook of evidence of competency in implantology will be issued.

This course leads to an MSc degree in the professional practice of MSc Specialist Practice of Implant Dentistry, validated by the University of Bolton, Greater Manchester



## Flexible Learning and Start Dates

Training is continuous, allowing an immediate start. Select the start date that suits your working schedule and attend sessions that best fit; there is no need to take a week from the clinic. This programme delivers regular training over the entire year, affording you the maximum opportunity to treat implant patients.

## Clinical Training

1. Clinical sessions are held once a month, usually on weekends to facilitate the treatment of patients.
2. During these clinical sessions, you will have the opportunity not just to place dental implants, but also to take them through to an eventual complete restoration.
3. During the clinical internship, you will have placed and restored a minimum of five dental implants under direct supervision.
4. Clinical training also offers remote synchronous training, providing an opportunity to place and restore dental implants independently.



## Clinical Director: Dr Sarafeim Petousis

Dr Petousis earned his degree in dentistry in 2000. He has been awarded an MSc in Implant Dentistry, and a Diploma in Aligners by The City of London Dental School, and the University of Bolton. He has been the clinical director for the City of London Dental School since 2021. From May 2024, Honorary

Assistant Professor Dr Petousis has attended many post-graduate courses and is continually developing his skills. He is currently learning the latest implant techniques and perfecting his current methods of treatment in contemporary dentistry through education. He has worked in many dental clinics in various settings across Athens, London, and Dubai, treating patients with diverse dental needs. He has a distinct interest in smile design, teeth whitening, crowns and bridges, veneers, and cosmetic resin bonding, especially dental implants. He is interested in clinical negligence, ethics, and consent, ensuring patients at the practice get the best healthcare service available. Dr. Petousis is passionate about dental implants and always wants to share his knowledge and experience with his colleagues.



## Technical Director: Ian Parvees

Completed his training in Dental Technology in South Africa in 1984, since then has also set up numerous successful dental laboratory businesses in both South Africa and the United Kingdom. By 2005 having built up a very successful dental implant company he made the decision to sell the company back to the parent company in order to focus on his UK based dental laboratory.



# Admission Criteria

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