



— THE CITY OF LONDON —
DENTAL SCHOOL

MSC DEGREE COURSE

Periodontal Therapy



About the Course

On completion of the MSc Specialist Practice of Periodontal Therapy you will be able to confidently treat and identify suitable periodontal cases in your own practice. You will also have the opportunity to engage in implantology; not just the placement and insertion of implants but also in their maintenance and the management of perimplantitis



Module Outline



Patient Assessment and Risk Management

This module develops the evidence-based knowledge and practical skills required to assess, treatment plan and provide advanced treatment modalities to the periodontally compromised patient. It also highlights potential complications and helps students to be able to develop risk assessment strategies to avoided and minimise these complications. It also develops communication skills, organisation and planning, problem solving, treatment planning, risk assessment, ethical responsibility and consent.



Reflective Clinical Practice

As an experienced dental professional, this optional module requires you to critically evaluate the value of your own knowledge base and to recognise and reflect on the important connections between what you already know and what you intend to learn through evaluation of clinical cases. It encourages information literacy, using contemporary and seminal sources in order to compile a critical evaluation of periodontal practice to allow you to develop strategies to enhance practice. It will also be possible to arrange for supervised clinical placement of implants on actual patients in Dubai.



Reflective Professional Log

This module is designed to develop an evidence-based approach to patient selection as well as the knowledge and understanding of the theory and practice required to recognise and provide advanced level periodontal treatment modalities and risk assessment. The aim of this module is to highlight potential periodontal complications in treatment and for you to be able to develop risk assessment strategies to avoid or minimise complications in periodontal therapy. The module develops knowledge and understanding of the requirements essential to the safe clinical practice and application of advanced periodontal treatment modalities. It also considers essential management strategies and the ethical issues of informed consent and management of patient expectations.



Understanding Research and Critical Appraisal (URECA)

The aim of this module is to help you to develop research skills in order to identify your dissertation topic, make a detailed proposal, and plan your research. It will develop the academic skills necessary for your study at Masters level. This comprehensive module covers clinical statistics, evidence-based practice, critical appraisal, measurement and research design, and explores their specific application in medical research and treatment. You will learn how to formulate realistic research objectives and an appropriate conceptual/analytical framework for your research. You will also learn how to identify, collate and critically review relevant evidence from the literature, and how to make informed decisions about which research philosophies, strategies

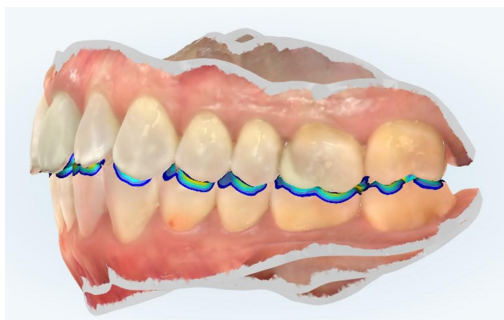
and methods are applicable to your research.



Aetiology and Diagnosis of Periodontal Disease

This module will allow you to critically reflect on the key causes of periodontal disease, its diagnosis and appropriate treatment modalities. You will identify and critically appraise evidence and theory relating to the management of gingivitis, periodontitis, peri-implant disease and apical periodontitis. You will also critically evaluate potential complications and synthesise risk assessment

strategies to avoid or minimise these complications.



Occlusal Diagnosis and Analysis

Patient aesthetic awareness coupled with the development of new orthodontic techniques, Implant, and restorative rehabilitation have increased the number of adults seeking advanced dental treatment. This has increased the likelihood of dentists having to diagnose and treat the occlusion as part of a larger treatment plan. This multidisciplinary module considers the anatomy, aetiology and management of occlusion from an orthodontic and restorative

perspective. The aim of this module is to enable the dentist to effectively diagnose and formulate a treatment plan so that the patient can be treated with a comprehensive multidisciplinary approach.

Three Dimensional Digital Imaging Techniques, Interpretation and Technology



This module provides an introduction to Cone Beam Computer Tomography (CBCT) through a series of practical training sessions on three-dimensional imaging systems and their underlying principles. It will develop the skills of navigation and interpretation of three-dimensional images. Through this module you will learn the fundamental technology of CT scans, their advantages and limitations. You will learn the operating and legal requirements applicable to the safe and effective use of radiographic equipment, plus the health and safety issues related to ionising radiation.



Dissertation

This taught module provides an opportunity to undertake an extended and substantial piece of research. It allows you to synthesise the academic knowledge acquired from prior postgraduate and experiential learning to produce an evaluative and critical discussion of a specialist dental topic directly related to your programme of study. It aims to help you to develop your abilities in identifying a problem, establishing its significance, formulating a hypothesis/proposition, designing a means of testing the hypothesis, and evaluating the results.

Admission Criteria

Normally, at least two years of demonstrable postgraduate clinical experience in clinical practice. For the MSc in Clinical Aesthetic Non-Surgical Interventions, entry will also be open to doctors, NMC registered nurses (prescribing), and prescribing pharmacists. Current registration with the UK General Dental Council (GDC), General Medical Council (GMC), Nursing & Midwifery Council (NMC), General Pharmaceutical Council (GPhC) or equivalents in another country. Evidence of appropriate professional liability insurance or medico-legal indemnity insurance, as may be required for the designated clinical setting, at an appropriate level.

