

# Course Prospectus

## 2024 Edition

Postgraduate and CPD Courses for Dentists, Dental Nurses and  
Hygienists/Therapists



# MESSAGE FROM THE DIRECTORS



**Professor Cemal Ucer**

BDS, MSc, PhD, MFDS RCS (Eng), MCGDent, FDTFEd (RCSEd)

Professor of Dental Implantology, School of Health & Society, University of Salford

Specialist Oral Surgeon

Director, ICE Postgraduate Dental Institute & Hospital

Fellow of the British Association of Oral and Maxillofacial Surgeons Senior Member of the FGDP (UK) Academy

Director, ZAGA Centre for Oral-Maxillofacial & Dental Implant Reconstruction, Manchester

Director, Manchester Dental Implant Clinic (MDIC), Ucer Education



**Professor Simon Wright**

MBE BDS MSc PGCTLCP FHEA FDTFEd (RCSEd) SMFGDP(UK)A

Professor of Dental Implantology, School of Health & Society, University of Salford

Director, ICE Postgraduate Dental Institute & Hospital

Principal Partner, Glencairn Practice Group



**Dr Rabia Khan**

BDS, MSc, PhD, PgMedEd, FPFA, FICD

Director of Education and Research at ICE Postgraduate Dental Institute & Hospital

Lecturer, School of Health & Society, University of Salford

Dental Researcher, Lancaster University

Welcome to ICE! We are very proud to offer postgraduate dental courses in partnership with the University of Salford, as well as a suite of stand-alone CPD courses.

Our mission, based on our extensive clinical, research and teaching experience in implant dentistry, supported by the exceptional dedication and skills of our faculty, is to provide evidence-based training to all members of the Dental Team, to empower them to deliver implant dentistry to their patients, with success and predictability at all levels.

Having taught and mentored thousands of colleagues in this field, our objective is to provide a great learning experience in implantology, to help to improve clinical outcomes that have a real practical impact on practice. We do this by applying novel teaching and learning methods with on-going clinical supervision and constant support from our University and industry partners.

Techniques and biomaterials in implant dentistry are constantly changing, so keeping up-to-date with new technology and developing your clinical skills is paramount for sustaining successful outcomes.

This is particularly relevant when the wider scope of implant practice includes diverse treatments such as advanced hard and soft tissue grafting, vertical GBR, sinus floor elevations and full mouth rehabilitation of the atrophic jaw.

Our research has shown that such evidence-based and patient-centred clinical training at our Institute makes a huge contribution to enhancing clinical performance and job satisfaction of the entire Dental Team, whilst increasing quality of life for patients through achieving safe and predictable results.

We look forward to seeing you at ICE soon !

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# WE LIVE TO TEACH

State-of-the-art Dental Hospital with teaching facilities in Salford Quays, Manchester



Our highly trained and qualified team have been setting the highest standards in postgraduate training in implant dentistry in the UK for more than two decades. In that time, we have also helped to set clinical and teaching standards in this exciting field, playing a major part in establishing dental implants as a mainstream dental treatment modality.

We offer a range of modern clinical training suites as well as a fully equipped operating theatre, dental surgery and laboratory. We make it our priority to invest in high-tech equipment and digital workflow solutions.

## WHERE IMPLANT DENTISTRY BECOMES LIFE-CHANGING

ICE Postgraduate Dental Institute and Hospital is an evidence-based provider of postgraduate dental education for dentists, dental nurses and medical specialists. Located in Salford Quays, Manchester, our purpose-built Dental Hospital offers a balance of state-of-the-art teaching and clinical facilities for a detailed and interactive learning experience.



## ICE & THE UNIVERSITY OF SALFORD

ICE Postgraduate Dental Institute & Hospital and the University of Salford are proud to jointly deliver MSc Dental Implantology, Advanced Certificate in Bone and Tissue Regeneration & Sinus Grafting, Advanced Certificate in Full Mouth Oral Implant Rehabilitation, PG Cert Non-Surgical Facial Aesthetics and the Dental Radiography course for Dental Care Professionals.



University of  
**Salford**  
MANCHESTER

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We are proud to offer high-quality academic teaching and clinical training in one state-of-the-art location. Our expert team will be on hand to provide teaching and clinical supervision throughout your studies.

## WHAT MAKES US DIFFERENT?



We source patients for you



We provide access to an experienced teaching & mentoring team



We have a roster of nationally and internationally-renowned speakers

# THE ONLY WAY TO DO GREAT WORK IS TO LOVE WHAT YOU DO

Our directors have spent many years developing teaching resources and frameworks in implant dentistry and have trained hundreds of dentists and dental team members.

We provide all our students with the required equipment to carry out their training, including an extraoral Morita scanner, intraoral digital scanners, surgical navigation systems, plus the latest software and 3D printers.



# MSc/PG Diploma in Dental Implantology

Entry: September each year  
3-year part-time course  
This course is accredited by the University of Salford

The MSc Dental Implantology course is aimed to equip dental clinicians with core clinical skills and competency in both the restorative and surgical aspects of implant dentistry. This is delivered through a combination of clinical support and academic teaching in accordance with the GDP/FGDP Training Standards in Implant Dentistry.

- ⇒ Treat patients sourced by ICE at our state-of-the-art, purpose-built hospital in Salford Quays, Manchester
- ⇒ Benefit from the support of a team of experienced clinical mentors
- ⇒ Gain competency in patient assessment, diagnosis, and treatment for which you will receive a certificate of competence (important for the GDC)

- ⇒ Study in a Digital Reference Centre: ICE provides you with the means and experience of the whole digital workflow
- ⇒ Transfer your learning direct to your clinic with expert teaching from local, national and international practitioners employing an evidence-based approach



Apply for this course via the University of Salford online application portal.

- 01 MODULE - Patient Assessment & Treatment Planning**  
Enables students to assess and manage patients with tooth loss.
- 02 MODULE - Implant Surgery**  
Enables students to apply surgical and imaging principles in the management of patients with tooth loss.
- 03 MODULE - Restorative Treatment & Maintenance**  
Equips the student with the skills and knowledge to manage and treat patients requiring restorative dental implant therapy and to understand the principles of research inquiry.
- 04 MODULE - Dental Implant Procedures & Complex Cases**  
Enables the students to demonstrate knowledge of dental implant procedures and complex cases.
- 05 MODULE - Dissertation**  
Enables students to develop the ability to systematically approach the process of inquiry, critical thinking and problem solving in order to investigate an aspect of dental implantology.



WE PROVIDE  
YOU WITH  
PATIENTS AND  
EXPERT  
MENTORSHIP



## PG Certificate in Non-Surgical Aesthetics Entry: February and September each year

1-year part-time course

This Level 7 course is accredited by the University of Salford

This is a unique course developed and delivered by the University of Salford and ICE PG Dental Institute & Hospital. Studying this course will help secure your future as an Aesthetic Practitioner.

We provide patients to offer hands-on training with experienced mentor support in a state-of-the-art clinical setting. Lectures are delivered and clinics are run by an outstanding team of renowned aesthetic experts.

Apply for this course via the University of Salford online application portal.

### Attendance requirement: 18 days

(including academic, observation and clinical days)

Programme Leads:

Dr Rabia S Khan (MSc, PhD)  
Dr Sam Curtin (MSc, PhD)

### Get qualified ahead of forthcoming legislative changes for aesthetic medicine practitioners

#### Key features of the course

The course is based on the JCCP's competency framework and aims to develop and assess those competencies required of practitioners administering Botulinum Toxin and Dermal Filler treatment in clinical practices:

- ⇒ Understanding of the law, consent and ethics
- ⇒ Ageing, dermatology and anatomy of the head and neck region
- ⇒ Botulinum Toxin and Dermal Filler administration core and advanced training
- ⇒ Complication avoidance techniques



Study a Competency-based framework



Experienced, supervised hands-on leadership



Secure your future in aesthetics



## Learning Objectives:

- ⇨ Gain practical knowledge of the surgical anatomy of the head and neck including vital structures, blood vessels, nerves, muscles and tissue spaces, on cadavers, in order to develop surgical confidence and precision
- ⇨ Learn how to assess, diagnose and manage sinus diseases
- ⇨ Learn from Professor Ucer's 30 years of research and clinical experience to avoid complications and achieve predictable and successful treatment outcomes
- ⇨ Consistently perform an unbiased critical appraisal of the biomaterials used in regenerative oral & maxillofacial implant surgery
- ⇨ Benefit from the support of the leading biomaterials and implant companies in a multi-system approach and learn how to choose the best product that suits each patient's individual anatomical, functional and personal needs, rather than the commercial interest of one particular manufacturer or biomaterials supplier
- ⇨ Develop advanced surgical skills in regenerative oral surgery and implantology under the guidance and mentorship of an eminent faculty of ENT and oral surgery experts in this field

**Advanced Certificate in Bone and Tissue Regeneration & Sinus Grafting**  
 CPD Hours: 60  
 This course is led by Professor Cemal Ucer and is accredited by the University of Salford

## Advanced Bone & Tissue Regenerative Surgery for the reconstruction of severely atrophic jaws

This unique postgraduate CPD programme, accredited by the University of Salford, is designed to provide highly structured and comprehensive training for the experienced implant surgeon in reconstructive pre-prosthetic oral surgery.

- a) Gain comprehensive knowledge and understanding through a series of pre-course preparatory webinars delivered by experts in the field
- b) Learn from surgical demonstrations and live surgery performed by Professor Ucer
- c) Develop hands-on cadaveric surgical skills, directly supervised by a faculty of ENT consultants, oral surgeons and implant experts
- d) Perform sinus grafting surgery under supervision at ICE after completing parts 1 – 4 of the course (optional)

The course is delivered by a faculty of eminent ENT consultants under the lead of Professor Ucer who has amassed 30 years of experimental and clinical expertise in hard and tissue regenerative surgery, vertical & horizontal GBR sinus grafting and the treatment of the severely atrophic maxilla & mandible including zygomatic implant surgery.

You will also learn how to use Implant-Pro, a unique on-line patient assessment and treatment planning tool developed by the ICE Faculty. You will have one year's free access to use this outstanding on-line tool for automated treatment planning and informed consent generation, which is standardised for each individual patient from the raw clinical and diagnostic data gathered during assessment.

**The course will cover everything you need to know about advanced bone and tissue reconstructive surgery including lateral sinus grafting.**

## A COMPREHENSIVE STRUCTURED 5-PART PROGRAMME INCLUDING HANDS-ON CADAVER SURGERY

- Part 1** Pre-course preparatory webinars
- Part 2** Regenerative Oral Surgical Techniques, Grafting and ENT Management of the Maxillary Sinus at ICE
- Part 3** Live surgical demonstration at ICE
- Part 4** Cadaveric Surgical Training
- Part 5** Mentored Clinical Training at ICE (optional)

## Course participants will learn:

- 1) 3D patient assessment, diagnosis and treatment planning protocols
- 2) 3D diagnostic imaging and CBCT interpretation
- 3) Strategies for treating the atrophic jaw including a comprehensive review of different grafting techniques and biomaterials
- 4) Critical review of prosthodontic treatment options for the severely atrophic jaw: fixed vs removable prosthesis or hybrids
- 5) Surgical options for treating the atrophic/fully edentulous jaw including site specific implants: short implants, tilted implants, trans-sinus & nasal implants, Pterygoids, Zygomatic implants and 3D printed customised implants
- 6) Anatomically and prosthodontically guided implant placement and restorative techniques
- 7) Immediate, same day loading of full arch cases
- 8) Minimally invasive tooth extraction and socket management techniques
- 9) Immediate implant placement and immediate provisionalisation in fresh extraction sites
- 10) Technical and laboratory principles and procedures for immediate full arch reconstruction of the fully edentulous jaw
- 11) Periodontal and peri-implant assessment and maintenance
- 12) Soft tissue management and maintenance including soft tissue grafting and vestibuloplasty techniques
- 13) 3D digital workflow and analogue techniques for treatment planning, guided surgery, placement and immediate loading of full arch restorations

## Advanced Certificate in Full Mouth Oral Implant Rehabilitation

CPD Hours: 44 (approx.)

This course is led by Professor Cemal Ucer & Professor Simon Wright MBE and is accredited by the University of Salford



## Full Jaw Implant Reconstruction & Immediate Loading

This unique programme provides highly structured and comprehensive training in reconstructive oral implant surgery and prosthodontics, for the rehabilitation of this group of fully edentulous patients who suffer both functional and aesthetic problems due to increasing post-extraction hard and soft tissue disuse atrophy.

### Aim:

Upon completion of the course, participants will have developed the knowledge and skills to carry out predictable single or dual arch oral implant reconstructive dentistry, using evidence-based protocols, as developed and researched at ICE Postgraduate Dental Institute and Hospital.



This course is offered by ICE Postgraduate Dental Institute and Hospital as part of its advanced series of Implantology training programmes. It is designed for the experienced implant dentist who wishes to expand the scope of their implantology practice to include the reconstruction of fully edentulous/atrophic single or dual arches.

## A COMPREHENSIVE STRUCTURED 4-PART PROGRAMME INCLUDING HANDS-ON TRAINING

- Part 1 Pre-course preparatory webinar series
- Part 2 Face-to-face teaching and surgical & restorative live surgery involving implant placement and same day teeth immediate loading protocols
- Part 3 Hands-on training and skills development workshops
- Part 4 Supervised Clinical Training at ICE (optional at additional cost)



## Certificate in Dental Implant Nursing

CPD Hours: 26 (approx.)  
GDC Development Outcomes: A, B, C, and D

This is a 6 month-long structured programme, delivered entirely online for a comprehensive and flexible learning experience. Having developed numerous courses over the past decade, we employ a consistent programme design and structure that is innovative and combines theoretical education with practical insights. This educational model was pioneering in the realm of Dental Implantology. Our approach was subsequently recognised as a benchmark across Europe, setting the standards in clinical assessment of Dental Implantology.

### Why study with us?

Traditional undergraduate training for Dental Nurses does not encompass implant dentistry. Hence, for nurses aiming to offer surgical and/or restorative support for implant treatments in the UK, it is crucial to receive structured education and training at the right level. ICE formerly delivered the NEBDN Certificate in Dental Implant Nursing under the guidance of Professor Simon Wright. Our new course is accredited by the University of Salford and we anticipate high demand for it as Dental Implantology continues to develop as a mainstream treatment modality.

### Course structure:

≡ **Academic component:** This will be delivered entirely through online webinars, seminars, lectures and tutorials.

≡ **Clinical component:** Training will be conducted at the workplace under the guidance of ICE-accredited Clinical Mentors and Nurse Tutors. They will offer both formative and summative assessments of student progression.

≡ **Clinical assessment of competence:** Evaluation will be based on the examination of clinical portfolios (ROC).

### Learning Objectives:

The Programme will provide the opportunity for Dental Nurses to learn to:

- practice to the standards required to support Dental Implantology procedures in the UK
- develop the critical and analytical skills and independent learning ability required for continuing professional development
- manage a diverse range of patients and develop skills in patient assessment, examination, investigations, diagnosis and treatment planning, surgery and restoration, to ensure effective management, care and treatment of partially or fully edentulous patients
- synthesise from a range of sources a comprehensive understanding of techniques to provide safe and effective treatment to patients, taking into account their individual needs







## Introduction to Dental Implant Nursing

1-day course  
CPD hours: 6  
GDC Development Outcomes: B and C

### Why attend this dental implant nursing course?

This one-day introductory course is designed for all UK-registered dental nurses, to provide an insight into dental implant treatment, for both those new to implantology and those with some implant experience.



### What will I learn?

This hands-on course covers all the essential elements needed to gain an overview of dental implant treatment:

- ⇒ Overview of what a dental implant is and how it interacts with the body
- ⇒ Introduction to the indications and contraindications for implant dentistry
- ⇒ Overview of the stages of dental implant treatment



This course is led by:

Prof. Simon Wright MBE BDS MSc  
PGCTLCP FHEA FDTFEd (RCSEd)  
SMFGDP(UK)A



## Impression Taking and Intra-Oral Scanning for Dental Nurses

CPD hours: 6  
1-day course  
GDC Development Outcomes: B and C

### Why attend this Impression Taking and Intra-Oral Scanning course?

This course will help you understand impression taking and IOS. You will learn how to work accurately while following the relevant health and safety regulations.

### Course objectives:

- ⇒ To understand the principles, as well as the health and safety regulations governing impression taking and IOS
- ⇒ To understand how to identify and use all the relevant equipment including selecting the correct impression trays
- ⇒ To gain understanding of the principles of patient assessment
- ⇒ To understand indications for, and the limitations of, the different impression materials
- ⇒ Become able to take accurate impressions and Intra-Oral scans
- ⇒ To understand principles of decontamination and cross infection in relation to dental impressions

The course is held at our purpose built facilities in Salford Quays, Manchester.

### Who is this course aimed at?

- ⇒ This course is for Dental Nurses working in practice who are indemnified and GDC-registered

### The course benefits:

- ⇒ A record of competency certificate
- ⇒ This course will enhance your portfolio





# Dental Radiography for Dental Professionals

CPD hours: 22  
 GDC Development Outcomes: B, C and D  
 2 cohorts per year (January and July)  
 This course is accredited by the University of Salford

### Why attend this Dental Radiography course?

The course is delivered collaboratively with the University of Salford's School of Health & Society. Students benefit from using state-of-the-art technology in our fully equipped Dental Hospital as well as in the University's Specialist Radiography Department. The course is delivered by an experienced team of Imaging Specialists and Dental Professionals. Students have access to a skills lab to practice their technique on models, before x-raying patients in their workplace.

#### Learning outcomes:

- ≡ Perform a range of intra-oral and extra-oral examinations on a range of patients to a high standard
- ≡ Critically appraise radiographic images, identify sources of error and describe how to rectify those errors
- ≡ Explain how legislation for radiation protection and COSHH is applied in practice
- ≡ Describe how quality assurance procedures are carried out and used in practice
- ≡ Describe how infection control procedures apply

This course is designed for qualified Dental Nurses and Therapists who would like to be more involved with patient care and support their dentists in the diagnosis and treatment planning by providing high-quality diagnostic radiographs.

- ≡ Radiation Physics
- ≡ Radiation Protection
- ≡ X-ray Apparatus and Equipment
- ≡ Films and Processing
- ≡ Quality Assurance
- ≡ Digital Imagery & Interpretation
- ≡ Principles of Imaging
- ≡ Radiological Anatomy
- ≡ Common Dental Pathology
- ≡ Practical Techniques

#### Assessment:

- 01 Written examination
- 02 Portfolio demonstrating evidence of clinical competence





# Maintaining & Treating Peri-Implant Tissues

2 cohorts per year (March and September)  
 CPD hours: 14  
 GDC Development Outcomes: A, B and C

### Why attend this dental course?

It is of the utmost importance that the oral health status of the implant patient is reviewed on a regular basis. Hygienists, Therapists and Dentists need to monitor the health of tissues for complications such as peri-implant mucositis and peri-implantitis, this is vital to the long-term success of the implant treatment. The Maintaining & Treating Peri-Implant Tissues course aims to empower the Dental Team with the confidence and knowledge to recognise, monitor and treat peri-implant disease.

### What will I learn about implant maintenance?

The course will cover the core aspects of monitoring, assessment and tests to determine the oral health of the implant patient.



### At the end of the course you will be able to:

- ≡ Understand the components and different implant types.
- ≡ Identify and modify the risk factors for the health of the peri-implant tissues.
- ≡ Identify the differences in periodontal diseases and peri-implant diseases.
- ≡ Diagnose peri-implant disease.
- ≡ Use evidence-based guidelines to help develop practice protocols for monitoring and maintaining dental implants.
- ≡ Use evidence-based guidelines to help develop practice protocols for managing and treating peri-implant disease.
- ≡ Have hands-on experience of correcting probing and debridement techniques.
- ≡ Develop further understanding of referral pathways and when to refer treatment.

To apply you must be a Dental Hygienist, Dental Therapist or Dentist registered with the General Dental Council (GDC) or the Irish Dental Council.



STUDY CLUBS



ICE Postgraduate  
Dental Institute  
& Hospital

### Study Clubs

Our Study Clubs offer a fantastic opportunity to keep ahead of the latest developments in implant dentistry, discuss cases and share experiences alongside like-minded professionals.

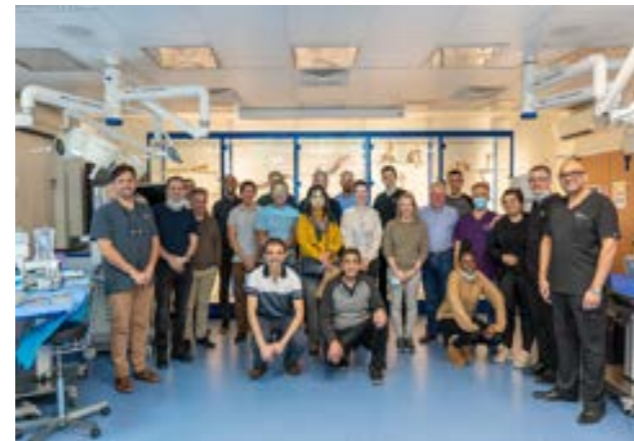
Joining a Study Club can be very beneficial to your learning. A comfortable, relaxed environment where you can ask questions and indulge in healthy debate, fosters deep learning and enhanced understanding of the subject being explored.

### Venue Hire

Available for single events or courses:

- Lecture Theatre
- Boardroom
- Breakout Room
- Consulting Rooms
- Video-Conference Facilities
- Surgery and Operating Room Link
- Fees dependent on day and duration

We organise regular Study Club meetings at the ICE Postgraduate Dental Institute & Hospital. As part of a Study Club you get access to a number of CPD courses in implant dentistry and related subjects.



Email [enquiries@icedental.institute](mailto:enquiries@icedental.institute) or call 0161 413 8336 to enquire or make a booking



'Where implant dentistry becomes life-changing'

**24 Furness Quay, Salford Quays,  
Manchester M50 3XZ**

**Course Enquiries:  
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[www.icedentalimplants.co.uk](http://www.icedentalimplants.co.uk)**

**Applications for MSc Dental  
Implantology**

**& PG Cert Non-Surgical Facial  
Aesthetics are submitted via the  
University of Salford Applicant**

**Portal at  
[apply.salford.ac.uk](http://apply.salford.ac.uk)**

