



University of
Salford
MANCHESTER



BONE AND TISSUE REGENERATION & SINUS GRAFTING

**A COMPREHENSIVE STRUCTURED
PROGRAMME INCLUDING INTENSIVE 3-DAY
CADAVERIC TRAINING**

FEBRUARY 2021 & JUNE 2021

1st Cohort starting on 3rd Feb 2021

**Early bird fee
£2950**

(£850 deposit & 6 instalments
of £350)

5% DISCOUNT
(for full payment in advance)

**25 – 30
hours CPD**

- Part 1 - Pre-course preparatory webinars**
- Part 2 - ICE Postgraduate Dental Institute & Hospital
Salford Quays M50 3XZ**
- Part 3 - Live surgical demonstration at ICE Postgraduate
Dental Institute & Hospital**
- Part 4 - Cadaver Training at Anatomy & Surgical Training
Centre, Keele University**
- Part 5 - Mentored Clinical Training at ICE Hospital (optional)**

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.

The programme is designed to teach delegates to:

- a) Gain comprehensive knowledge and understanding through a series of pre-course preparatory webinars delivered by experts in the field

- b) Develop hands-on cadaveric surgical skills under the direct supervision of a faculty of ENT consultants, oral surgeons and implant experts under Professor Ucer's expert lead
- c) Learn from surgical demonstrations and live surgery performed by Professor Ucer
- d) Perform sinus grafting surgery under supervision at ICE hospital after completing parts 1 - 4 of the course (optional)

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



A UNIQUE, COMPREHENSIVE SURGICAL TRAINING COURSE THAT IS QUALITY ASSURED BY THE UNIVERSITY OF SALFORD'S CPD PROGRAMME

Lectures Include:

- Surgical anatomy of the paranasal sinuses
- Assessment and diagnosis of maxillary sinus diseases
- Functional Endoscopic Sinus Surgery (FESS) with cadaveric demonstration
- Balloon sinuplasty
- Sinus diseases, pathology and management
- When to operate and when to refer for ENT opinion and treatment Preparation for reconstructive/sinus surgery and diagnostic criteria for case analysis
- Complications, prevention & management
- Trigeminal nerve injury, prevention and management
- Medicolegal considerations and Human Factors in reconstructive surgery
- Lateral window and crestal sinus lift technique and success criteria
- Block bone grafting and the bone ring technique
- Vertical & horizontal GBR technique drawing on Professor Ucer's 30 years of clinical and experimental research
- Bioactive modifiers, including Platelet Rich Growth Factors in Regenerative Surgery Treatment planning of the atrophic maxilla and mandible including the zygomatic & pterygoid implant options
- 3D diagnostic imaging, digital workflow & 3D treatment planning
- Implant-Pro assessment and treatment planning software
- Critical appraisal and characteristics of regenerative bone and tissue regeneration

COURSE STRUCTURE

PARTS 1-5

PART 1 Pre-course Preparatory Webinar Series

1st Cohort starting on 3rd February

- 03-Feb – 18:30 Prof. Cemal Ucer – Welcome & Introduction / Indications for Sinus Grafting
- 03-Feb – 18:30 Prof. Simon Wright – Welcome to ICE – Human Factors
- 18-Feb – 18:30 Dr. Stefan Berger – Critical review of Biomaterials
- 24-Feb – 18:30 Prof. Cemal Ucer – Strategies for the treatment of the atrophic Maxilla & Mandible
- 01-Mar – 16:30 James Hamill – CHROME Digital Workflow
- 10-Mar – 18.30 Dr. Andrea Tedesco – Zygomatic Implants-minimally invasive piezo technique
- 24-Mar – 18:30 Dr Rabia Khan – Oral Medicine – review of hard and soft tissue oral pathology
- 07-Apr – 18:30 Prof. Cemal Ucer – Anatomy
- 20-Apr – 18:30 Prof Simon Wright & Cemal Ucer – Diagnostic Imaging and Sinus Pathology
- 11-May – 18:30 Prof Simon Wright – Atraumatic Extractions and Socket Augmentation
- 25-May – 18:30 Prof Cemal Ucer – Regenerative Medicine and Bioenhancement: PRF/PRP technique

PART 2 Regenerative Oral Surgical Techniques, Grafting and ENT Management of the Maxillary Sinus

Friday 14th May - ICE Postgraduate Dental Institute and Hospital

- 8:45 - Registration
- 9:00 - Regenerative oral and implant surgery & sinus grafting Part 1 (Prof Ucer)
- 10:30 - Coffee break
- 11:00 - Mr Toma and Miss Little: Anatomy of the para-nasal sinuses, sinus pathology and ENT perspective
- 12:00 - Lunch
- 13:30 - Regenerative oral and implant surgery & sinus grafting Part 2 (Prof Ucer)
- 15:00 - Coffee break
- 15:30 - Regenerative oral and implant surgery & sinus grafting Part 3 (Prof Ucer)
- 17:45 - Q&A session

PART 3 Live Surgery and Discussions

Saturday 15th May 2020 - ICE postgraduate Dental Institute & Hospital

Live surgery

Interactive lecture

Discussions and Q&A session

PART 5 Clinical Supervised Training

ICE Postgraduate Dental Institute & Hospital

Trainees who have successfully completed Parts 1-4 of the course will be offered the opportunity to treat patients at ICE Hospital. This is done under supervision by prior arrangement and is subject to approval by ICE Faculty. Trainees will need to have full GDC registration & appropriate indemnity cover for advanced hard & soft tissue and sinus grafting.

PART 4 Cadaveric Surgical Training

Surgical Skills Lab, Surgical Skills and Simulation Centre

Cadaveric Surgical Training in regenerative oral & implant surgery and Sinus Grafting including block bone harvesting, block bone graft fixation techniques, vertical & horizontal GBR, the bone ring technique, lateral & crestal lift techniques, demonstration of sinus FESS surgery.



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



THE FACULTY



Professor Cemal Ucer
Specialist Oral Surgeon BDS, MSc, PhD, FDTFEd

Academic Lead, MSc Dental Implantology, University of Salford Fellow of British Association of Oral & Maxillofacial Surgeons Director of International ZAGA Zygomatic Center, Manchester UK Director of Centre for Oral & Maxillofacial and Dental Implant Reconstruction, Manchester



Mr Abbad Toma
Consultant ENT Surgeon MBBCh, FRCS, FRCS (ORL)

St George's University Hospital, London
Fellow of the European Academy of Facial Plastic Surgery



Miss Sarah Little
Consultant ENT Surgeon MBChB, MRCS, FRCSEd, ORL-HNS, DO-HNS, MPh

St George's University Hospital, London
Honorary Senior Lecturer at St George's University of London Medical School



Professor Simon Wright
MSc BDS PGCTLCP PGDip Imp Dent, FDTF Ed

Director of ICE Postgraduate Dental Institute & Hospital Clinical Lead, MSc Dental Implantology, University of Salford Chair of the National Advisory Board in Human Factors



Dr Rabia Khan
B.D.S (PAK), MSc. Oral Pathology (UK) MIADR, MIAOP, FICD(USA), FPFA (USA)

Director of Education and Research at ICE Postgraduate Dental Institute & Hospital
Editorial board member of Dental Journals



Dr Andrea Tedesco
Graduated in Dentistry and Prosthodontics at the University of Florence

Specialist in Oral Surgery and holds a Postgraduate Diploma from the Oral and Maxillofacial Department at Guy's and St. Thomas Hospital, London. Dr Andrea Tedesco is the originator of minimally invasive zygomatic implant surgery using piezo instrumentation and runs advanced training courses in this field.



Dr Stefan Berger
Diploma in Biomedical Engineering and a doctorate in Material Sciences

Stefan joined Zimmer Biomet in 2010 as a Product Manager and Product Specialist for Regenerative Materials. In his current role, Stefan is responsible for product introductions, product launches and post market product experiences and has 17 years of previous experience in the field.



James Hamill
BDS MFDS DIP IMPL DENT - ITI Fellow -
CEO Quintess Denta, Quoris 3D
Clinical Director for CHROME Guided Smile Europe

James has worn a variety of hats within the world of implant dentistry over the years and has gained significant experience in not only the clinical application but the supporting commercial infrastructure.

WHAT YOU WILL LEARN

- Surgical anatomy of the neck and head
- 3D assessment and 3D guided bone grafting and sinus surgery
- ENT management of the maxillary sinus diseases and pathology
- Regenerative oral surgery techniques
- Kazanjian's vestibuloplasty and pre-prosthetic tissue surgery
- Ceadaveric block bone harvesting and fixation & the bone ring technique
- Piezo surgery, the magnetic mallet and the osteotome techniques
- Vertical and horizontal techniques
- Autologous regenerative technology and PRP growth factors



OUR SPONSORS



Registration:

Carl Morgan - carl.morgan@icedental.institute - Tel: 0161 413 8335

More information:

Professor Cemal Ucer - ucer@icedental.institute - Tel: 0161 237 1842



24 Furness Quay, Salford Quays, Manchester M50 3XZ
Tel: 0161 413 8335