

ADVANCED CERTIFICATE IN BONE & TISSUE REGENERATION & SINUS GRAFTING

**A COMPREHENSIVE STRUCTURED
PROGRAMME INCLUDING HANDS-ON
CADAVER SURGERY**



University of
Salford
MANCHESTER

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

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

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 preprosthetic 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

**Course fee
£3900**

(£900 deposit & 6
instalments of £500)

**CPD hours for Parts 1-4:
60**

- 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

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 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 UNIQUE, COMPREHENSIVE SURGICAL TRAINING CPD PROGRAMME ACCREDITED BY THE UNIVERSITY OF SALFORD

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
- Medico-legal 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



For experienced Implant Surgeons looking to expand the scope of their reconstructive implant practice

- Treatment of the atrophic jaw
- Grafting vs Graftless treatment options
- Lateral and crestal sinus grafting
- Bone plates
- vGBR
- CAD/CAM and titanium mesh grafts
- Nerve lateralisation
- 3D virtual planning and surgical navigation



Site specific implants:

- Short implants
- Trans-sinus implants
- Pterygoid implants
- Zygomatic implants

COURSE STRUCTURE

PARTS 1-5

PART 1 Pre-course Preparatory Webinar Series

Prof. Cemal Ucer – Welcome & Introduction/Indications for Sinus Grafting

Prof. Simon Wright – Welcome to ICE/Human Factors

Dr. Stefan Berger – Critical Review of Biomaterials

Prof. Cemal Ucer – Strategies for the Treatment of the Atrophic Maxilla & Mandible

Dr. Andrea Tedesco – Zygomatic Implants/Minimally Invasive Piezo Technique

Dr. Peter Fairbairn – ETHOSS True Bone Regeneration

Dr. Ulpee Darbar – Socket Management

Dr. Rabia Khan – Oral Medicine – Review of Hard and Soft Tissue Oral Pathology

Dr. Ulpee Darbar – Bone Augmentation

Prof. Cemal Ucer – Surgical Anatomy and Pterygoid Implants

Prof. Simon Wright – Diagnostic Imaging

Prof. Cemal Ucer - CBCT Pathology and Incidental Findings

Prof. Simon Wright – Atraumatic Extractions and Socket Augmentation

Prof. Cemal Ucer – Regenerative Medicine and Bioenhancement: PRF/PRP technique

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

2-day pre-clinical hands-on training workshop, including sinus grafting on 3D-printed skulls and deer heads using piezo surgery

PART 3 Live Surgery and Discussions

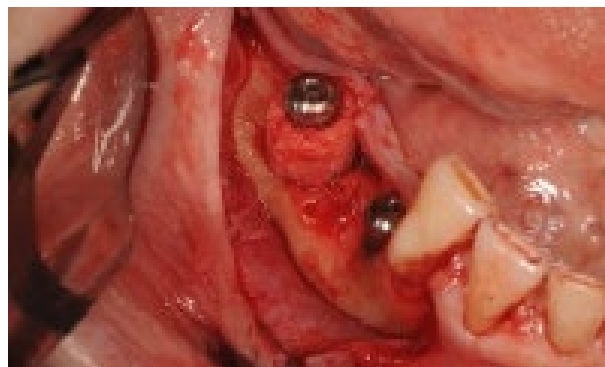
Live surgery
Interactive lecture
Discussions and Q&A session

PART 5 Clinical Supervised Training (optional at additional cost)

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 procedures and sinus grafting.

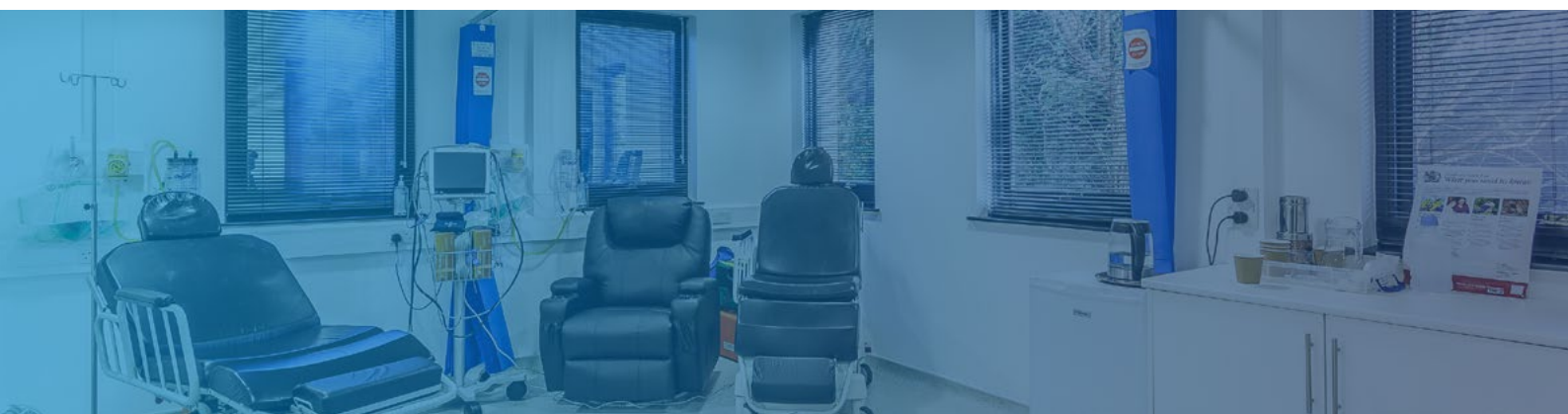
PART 4 Cadaveric Surgical Training

Cadaveric Surgical Training in regenerative oral & implant surgery and Sinus Grafting including block bone harvesting, graft fixation techniques, vertical & horizontal GBR, lateral & crestal lift, pterygoid and trans-sinus implants and 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 & maxil-lofacial 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





Professor Cemal Ucer
Specialist Oral Surgeon BDS, MSc. PhD, MFDS RCS (Eng)
FCGDent, FDTFEd RCSEd

Professor of Dental Implantology, School of Health & Society, University of Salford | Fellow of the British Association of Oral and Maxillofacial Surgeons | Director, ICE Postgraduate Dental Institute & Hospital | Fellow of ITI | Director, Zaga Centre for Oral-Maxillofacial & 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 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 | Former Director of Education, Association of Dental Implantology (ADI)



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



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 | Originator of minimally invasive zygomatic implant surgery using piezo instrumentation, delivering advanced training courses on this technique.



Dr Stefan Berger
Diploma in Biomedical Engineering, Doctorate in Material Sciences

Joined Zimmer Biomet in 2010 as a Product Manager and Product Specialist for Regenerative Materials|Responsible for product introductions, product launches and post-market product experiences|Has 17 years of experience in the field.



Dr Peter Fairbairn
BDS University of Witwatersrand 1981

Principal Dental Surgeon at the Scarsdale Dental Clinic since 1989|At the forefront of placing and restoring dental implants since 1991|Global expert on bone regeneration|Extensive published research in materials and surgical protocols for bone repair without the use of donor animal and human products|Director of Education of the ADI (UK)



Dr Ulpee Darbar
BDS, MSc, FDS(Rest Dent)RCS, FHEA

Divisional Clinical Director of the Eastman Dental Hospital|Lead for dental implants at the Eastman|Clinical Tutor for the trainees and Programme Director for the Dental SHOs|Widely recognised for specialist interests in periodontology and implantology, lecturing and teaching extensively on these topics|Holds a number of external positions for the Royal Colleges & Specialist Societies|Currently the Chair of the Advisory Board for the Diploma in Implant Dentistry at the Royal College of Surgeons of Edinburgh.

COURSE CONTENTS

- Surgical anatomy of head & neck
- 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
- Cadaveric block bone harvesting and fixation & the bone ring technique
- Piezo surgery, the magnetic mallet and the osteo-tome techniques
- Vertical and horizontal GBR techniques
- Bioenhancement with Buccal fat pad and PRP/ PRF





Prof C Ucer
Specialist Oral Surgeon

Bone and Tissue Regeneration & Sinus Grafting Course

Part 5: Supervised Clinical Training

Venue: ICE Postgraduate Dental Institute & Hospital, Salford Quays

CPD hours: 7

How is clinical training structured?

There are two models for training:

- a) Treat patients referred to ICE Hospital
Fee: £ 1500 per day including all materials, equipment and supervision

- b) Treat your own patient at ICE Hospital
Fee: £ 750 per day including all materials, equipment and supervision, patient pays ICE £ 750 per sinus graft (including biomaterials)

Programme for the day:

1. Clinical briefing and huddle
2. Demo by Professor Simon Wright MBE
3. Group 1 Cases - Patient A, Patient B, Patient C
Group 2 Cases - Patient D, Patient E, Patient F

Each delegate will perform 1 sinus graft, assist with another one and observe one other case.

What are the requirements to be admitted onto the course?

- a) GDC registration

- b) Full indemnity insurance for implant and sinus grafting procedures

- c) Completion of the ICE/UoS Advanced Certificate in Bone and Tissue Regeneration & Sinus Grafting course Parts 1 to 4



What are the objectives of clinical training?

- a) Assess and identify suitable candidates for advanced grafting procedures
- b) Develop a full understanding of the treatment planning and informed consent process involved
- c) Observe, assist with and perform advanced surgical techniques & grafting, to develop clinical competence under the supervision of an experienced surgeon



Who will be supervising?



Professor Cemal Ucer

**BDS, MSc, PhD, MFDS RCS (Eng), FCGDent,
FDTFEd (RCSEd)**

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

**Director, ICE Postgraduate Dental Institute &
Hospital**

Specialist Oral Surgeon

**Fellow of the British Association of Oral and
Maxillofacial Surgeons Fellow of ITI**

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



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**

**Former Director of Education,
Association of Dental Implantology
(ADI)**

What will delegates receive for completing Part 5: Supervised Clinical Training?

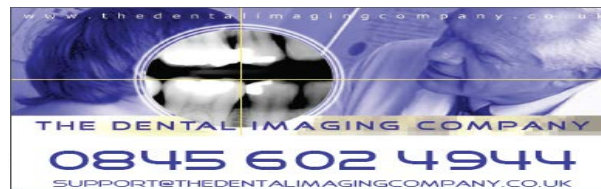
For successfully completing Part 5 of the course, you will receive a Certificate of Competence in Sinus Grafting.

✉ **Enquiries: rabia.khan@icedental.institute**

Tel. 0161 413 8337



THANK YOU TO OUR SPONSORS



Registration:

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