ERCOGROUP

OCTOBER 4th

Dubai 2025

Advanced

GBR Course

7 CE CREDITS

1-DAY INTENSIVE PROGRAM

COURSE OVERVIEW

This comprehensive one-day course provides in-depth training in Guided Bone Regeneration (GBR) techniques for implant site development. Participants will gain both theoretical knowledge and hands-on experience with practical applications on sheep head models.

The program is designed to develop proficiency in managing bone defects around implants and ridge augmentation procedures.

ABOUT THE SPEAKER

Dr. Mustafa Faisal Al-Jamal

ORAL & MAXILLOFACIAL SURGEON

Dr. Mustafa Faisal Al-Jamal is a highly skilled oral and maxillofacial surgeon with extensive experience in oral surgery, implantology and advanced bone grafting techniques.

He is a certified trainer and an international speaker with a strong track record of delivering high-quality care and training.

PhD & MSc in Oral and Maxillofacial Surgery from Baghdad University. An active member of ITI and ICOI.

Dedicated to advanced oral surgery and implantology through education and innovation.

THEORETICAL SESSION (MORNING & EARLY AFTERNOON)

I. Principles of Guided Bone Regeneration

I. Biological basis of bone regeneration
II. Critical factors for successful GBR outcomes
III. Indications and contraindications
IV. Evidence-based protocols and success rates

II. Materials for GBR: Membranes and Grafts

I. Barrier Membranes
II. Resorbable membranes: types, properties, and clinical applications
III. Non-resorbable membranes: indications and handling techniques
IV. Selection criteria based on defect morphology
V.
VI. **Graft Materials:**
VII. Autografts: harvesting techniques and applications
VIII. Allografts: processing methods and clinical performance
IX. Xenografts: properties and indications
X. **Alloplasts:** synthetic options and their role in GBR

III. Clinical Application of GBR in Implant Sites

I. Fenestration and dehiscence defects management
II. Ridge contour correction techniques
III. Decision-making: simultaneous vs. staged approach
IV. Timing considerations for optimal outcomes

IV. Ridge Augmentation Techniques

I. Horizontal ridge augmentation protocols
II. Vertical augmentation challenges and solutions
III. Flap design principles for optimal access and closure
IV. Achieving tension-free primary closure

V. Management of Complications

I. Common failure modes in GBR procedures
II. Prevention strategies for membrane exposure
III. Management protocols for soft tissue dehiscence
IV. Infection control and management
V. Graft loss: causes and solutions

VI. Clinical Case Studies

I. Step-by-step analysis of successful GBR cases
II. Problem-solving approaches for challenging scenarios
III. Clinical pearls and practical tips
IV. Strategies to minimize soft tissue complications

HANDS-ON WORKSHOP (LATE AFTERNOON)

I. Flap Design & Management

I. Mid-crestal incision technique
II. Vertical releasing incisions: placement and execution
III. Full-thickness flap reflection without tissue damage
IV. Periosteal releasing incision for tension-free closure

II. Membrane Handling & Fixation

I. Proper membrane trimming and adaptation techniques
II. Fixation methods using bone tacks and microscrews
III. Sausage technique demonstration and practice
IV. Membrane stabilization principles

III. Graft Placement & Space Maintenance

I. Particulate bone graft handling and placement
II. Proper packing techniques for optimal density
III. Tenting screw application (demonstration)
IV. Achieving ideal contour and volume

IV. Advanced Suturing Techniques

I. Periosteal suturing for primary stability
II. Horizontal mattress suture technique
III. Single interrupted sutures for final closure
IV. Ensuring tension-free flaps proximation and closure

COURSE LOCATION

Onyx Tower 1, Unit 806,
Dubai, UAE

For more detailed information and registration for the course, please, contact **Naira**

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