

The Secrets of Guided Bone Regeneration in Implant Dentistry

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Course Information

This bone graft course will feature a combined one-day scientific lecture and hands-on workshop. The course will focus primarily on the principles of guided bone regeneration in implant dentistry and on the most up-to-date techniques in bone grafting to *improve long-term clinical success* with dental implants. This course is designed for the clinician that has prior implant experience and would like to broaden his/her knowledge and scope of practice and improve surgical skill.

Course objective:

Upon completion of this course, participants should have a better understanding of:

- The biologic basis of bone regeneration
- The criteria for patient selection
- The step-by-step surgical procedure
- Properties of barrier membranes
- Selection of biomaterials
- Biologic modifiers and their relationship to bone regeneration
- Flap design for optimal esthetic and predictability
- Guided bone regeneration in various post-extraction defects
- Guided bone regeneration for simultaneous implant placement
- Guided bone regeneration for vertical ridge augmentation
- The proper use of screws in the “screw tent-pole grafting” technique
- All aspects of the post-operative management
- Recognition and management complications associated with guided bone regeneration