



COURSE: Bone Biology, Bone Graft Biology, and the Clinical Application of Science-Based Bone Grafts

LOCATION: Miami, Florida

PRESENTER: Dr. Greg Steiner

CE HOURS: 6 CE

COURSE OBJECTIVE

This course will explain the fundamentals of bone formation and discuss how various factors such as diet and medications affect the health and formation of bone. In the bone graft section, the course will inform the clinician how different bone grafts produce different types of bone and how that type of bone can either succeed or fail. Finally, this course introduces clinical cases showing new concepts for regenerating osteoporotic skeletal bone and surgical techniques using science-based bone grafts for maxillofacial bone regeneration.

EDUCATIONAL OBJECTIVES

- Explain what causes bone to be formed and what causes bone to be resorbed
- Explain factors that affect bone density and how bone responds to loading
- Explain the composition of different bone grafts and how bone responds to each
- Understand the different types of bone produced by the various bone grafts
- Understand how different bone grafts affect bone performance when supporting dental implants
- Understand what causes marginal bone loss and early implant loss
- Explain the difference between science-based bone grafts and cadaver bone grafts
- Show how the properties of a science-based bone graft can shorten the time needed to place and restore an implant
- Outline the methods for performing ridge augmentation with science-based bone grafts
- Show how science-based bone grafts facilitate minimally invasive sinus augmentation

Dr. Greg Steiner practiced 15 years as a periodontist and left the profession in 1995 to pursue other interests. During his time away from dentistry, he published papers on cancer epidemiology that have generated hundreds of scientific publications citing his work. Dr. Steiner's findings have proven effective on animals and are now being tested in humans.

After his 6-year sabbatical, he returned to dentistry in pursuit of finding compounds that aid in the process of bone regeneration. He has devoted himself to regenerative medicine with the goal of making our patients whole again. His company, SteinerBio, has developed the only osteogenic compound that enters the osteoblast to stimulate osteogenesis and has developed a complete line of innovative bone grafts and surgical modalities. In addition, another company, OsNovum, is bringing to market the first method of regenerating osteoporotic lesions in the skeleton.
