

Speakers



Michael A. Pikos, DDS

Oral and maxillofacial surgeon in Palm Harbor, Florida, is the founder and CEO of the Pikos Implant Institute.

Topic: Alveolar Ridge Regenerative Strategies: Autogenous Bone vs. Tissue Engineering

This clinically based presentation will compare the use of autogenous bone and tissue engineering protocols including the use of PRGF, rh-PDGF and rhBMP-2 for alveolar ridge augmentation. The science, indications, advantages and disadvantages of each approach will be featured. Single tooth to full arch reconstruction cases will be covered.



James L. Rutkowski, DMD, PhD

Implant practice in Clarion, Pennsylvania
President/CEO of the Clarion Research Group, a biotech company that performs translational research for bone growth and salivary diagnostics
Editor-in-Chief of the Journal of Oral Implantology.

Topic: Indications and Expectations Concerning Recombinant Growth Factors and Platelet Rich Plasma

During this presentation, the current status of the recombinant growth factors BMP2 and PDGF-BB and autogenous growth factors obtained from platelet rich plasma will be reviewed. Clinical case reports and evidence-based literature concerning these bone growth modifying agents will be presented in a balanced format. Dr. Rutkowski will also provide an algorithm to assist the clinician in making informed decisions regarding the use of these agents.



Daniel Spagnoli, DDS, PhD

Oral and maxillofacial surgeon in the Charlotte, North Carolina area

Topic: BMP2 Mechanism of Action and Its Role in the Scheme of Contemporary Bone Engineering.

This presentation will review the cellular interactions of BMP that contribute to stem cell chemotaxis, and osteoblast differentiation. It will also discuss BMP interactions that couple VEGF to neovascularization and the importance of changes in tissue oxygen tension during denovo bone formation. The program will also address the role of internal and external constructs, and the role of cell attachment on differentiation and expression of phenotype.



Hom-Lay Wang, DDS, MSD, PhD

Endowed Collegiate Professor of Periodontics,
Professor and Director of Graduate Periodontics,
University of Michigan School of Dentistry

Topic: Bone Regeneration Using Human Allografts

This presentation will discuss all current available human allograft and provide rationales and a "decision tree" that will assist clinicians choose the most predictable material and/or procedure for bone augmentation. Techniques used to perform guided bone regeneration (i.e., sandwich bone augmentation) and allogenic only graft will be illustrated. Recent research findings will also be presented.

REGISTRATION FORM

_____ AAID member \$850 (\$1,000 after February 15, 2012)

_____ AAID Non-Member \$1,000 (\$1,250 after February 15, 2012)

_____ Student \$200 (written verification of student status must be provided)

\$ _____ **Symposium Registration Total**

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CANCELLATION & REFUND POLICY: The American Academy of Implant Dentistry reserves the right to cancel all or any part of this course should circumstances warrant such action. In the event a course is cancelled, the AAID will refund the full tuition and will not be responsible for any other damages. Requests for refunds must be made in writing and received by February 12, 2012, for a 100% refund, or between February 12, 2012, and March 1, 2012, for a 50% refund. Due to advance commitments to the hotel, no refunds can be made after March 1, 2012. A \$50 administrative fee will be applied to all refunds regardless of when request is received. NO EXCEPTIONS.