

**SESSION I: 8:00–5:00**

**CONTEMPORARY CONCEPTS IN IMPLANT DENTISTRY**

The practice of implant dentistry is dynamic. Technologic innovations, outcomes supported by evidence-based research, and procedural pearls contributed by individual practitioners all help to shape contemporary treatment. This panel will share their modern-day approach to implant dentistry, covering regenerative, surgical, and restorative subject matter. Participants should become familiar with comprehensive treatment tools that facilitate a current approach to patient care.

**OBJECTIVES:**

- Understand new technologies and materials involved in implant rehabilitation.
- Become familiar with advanced regenerative, surgical, and restorative techniques.
- Understand how implant placement protocols impact restorative treatment modalities.

**Richard J. Lazzara, Moderator**

|                         |  |
|-------------------------|--|
| <b>Alan Meltzer</b>     | Implant Stability/Advanced Placement Protocols         |
| <b>George Priest</b>    | CAD/CAM Implant Restorations                           |
| <b>Michael Block</b>    | Immediate Implant Placement                            |
| <b>Ziv Mazor</b>        | Advanced Regenerative Procedures                       |
| <b>Ueli Grunder</b>     | Anterior Implant Esthetics                             |
| <b>Stephen Chu</b>      | Advanced Restorative and Provisionalization Procedures |
| <b>Markus Huerzeler</b> | Advanced Site Preparation                              |
| <b>Craig Misch</b>      | Advanced Surgical Procedures                           |

Sponsored by **BOMET 3i**

**SESSION II: 8:30–4:00**

**CLINICAL REGENERATION: SURGICAL APPROACH TO ENHANCE RESTORATIVE RESULTS**

The success of osseointegration has resulted in the identification of new procedures that depend upon bone volume enhancement. This program will present the clinical and research results of leading investigators as they apply to our patients. The selection of topics ranges from classic approaches to new developments using tissue engineering. The panel will discuss bone development and how it is influenced by different products. It will challenge our contemporary treatment regimens with significant clinical evidence of success and new paradigms that are now being implemented in practice.

**OBJECTIVES:**

- Recognize the selective process for osteogenic procedures for implant site enhancement.
- Learn to select the appropriate matrix for available growth factors.
- Assess the indication and treatment technique for block bone allografts.

**Myron Spector, Moderator**

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|------------------------------|--|
| <b>Myron Spector</b>         | Novel Approaches to Bone Tissue Engineering                                      |
| <b>Daniel Buser</b>          | Post-extraction Implant Placement in the Esthetic Zone: Treatment Options        |
| <b>Stuart Froum</b>          | Implant-Related Bone Enhancement with Platelet-Derived Growth Factor and Bio-Oss |
| <b>J. Daulton Keith</b>      | Three-Dimensional Bone Augmentation Using Block Allografts                       |
| <b>Bradley S. McAllister</b> | Molecular and Cellular Strategies to Optimize Bone Augmentation                  |
| <b>Massimo Simion</b>        | Clinical Application of rhPDGF for Hard and Soft Tissue Regeneration             |
| <b>R. Gilbert Triplett</b>   | Bone Growth Factor rhBMP-2 for Maxillary Sinus Floor Grafting                    |

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## SESSION I: 8:30–4:45

## THE BIOLOGIC AND RESTORATIVE APPROACH TO DENTAL IMPLANTS

The gold standard for esthetic placement and restoration of a dental implant is a result that is both natural and biologically sound. The accomplishment of such a goal is prefaced by diagnostic skills, surgical expertise, and prosthetic artistry. The members of this select panel are renowned for their contributions to these efforts when managing both hard and soft tissues with a variety of implant systems. Every implant clinician should benefit from their knowledge.

## OBJECTIVES:

- Develop diagnostic skills to enhance the esthetic outcome.
- Identify soft and hard tissue surgical approaches.
- Learn to select the appropriate restorative material.

## SESSION II: 8:30–4:45

## PERIODONTAL REGENERATION: THE DETERMINANTS OF EFFICACY

Perhaps no other procedure has had to reexamine its cherished beliefs as often as periodontal regeneration. The continual emergence of new materials, offering claims of osteoinductive and osteoconductive activity, together with restorable and nonrestorable barrier membranes, has resulted in predictable results that require new skills to diagnose infrabony pockets, as well as new considerations for flap designs, growth factors, and genetics. The opportunity to discover the panel members' different positions on these procedures should greatly enhance your patient treatment.

## OBJECTIVES:

- Learn surgical techniques to enhance regenerative results.
- Understand tissue engineering for periodontal regeneration.
- Identify biologic and technical strategies for periodontal regeneration.

**Pamela K. McClain, Moderator**

**Daniel Buser** How Anatomic and Surgical Aspects Influence Esthetic Implant Outcomes

**Ueli Grunder** Biologic Guidelines and Limitations for Anterior Implant Restorations

**Burton Langer** Long-Term Results of Structural Regeneration of Hard and Soft Tissue Using Different Materials: Are They Biologically Sound?

**Ernesto Lee** Protocols to Enhance the Esthetic Predictability of Implant Therapy: Rationale, Indications, and Prognosis

**Konrad H. Meyenberg** Novel Implant Designs—Expectations, Realities, and Perspectives

**Hideaki Katsuyama** Achievements and Limitations in Implant Surgery Using a Microscope-Enhanced Approach

**Arnold F. Binderman, Moderator**

**Pierpaolo Sandro Cortellini** From Papilla Preservation Flaps to Minimally Invasive Procedures: The Impact of Flap Design on Clinical Outcomes

**William V. Giannobile** Prospects for a Tissue-Engineered Periodontium

**James T. Mellonig** Evidence-Based Periodontal Regeneration

**Guilio Rasperini** Biologic and Technical Strategies for Periodontal Tissue Regeneration

**Mark Reynolds** Growth Factors in Periodontal Tissue Engineering: Current Challenges and Expanding Opportunities

**Anton Sculean** Emdogain: From Biologic Principles to Clinical Application

*The Welcome Reception . . .  
A Chance to Unwind*

FRIDAY, JUNE 11  
6:30 – 8:30 PM

EARN UP TO 24 HOURS OF CE CREDITS