

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

SESSION III: 8:00–12:30

**OPTIMIZING ESTHETIC RESULTS
WHEN TREATING THE GUMMY SMILE**

Every esthetic conversation focuses on the patient with a high lip line and a significant gingival display. This type of case is especially challenging when combined with periodontal disease or trauma. Four experts have been selected to share their approaches and help establish the limitations of the different treatment options available to offer to your patients.

OBJECTIVES:

- Reassess distraction osteogenesis as an alternative approach.
- Introduce tissue engineering for vertical ridge enhancement.
- Evaluate prosthetic therapies that favorably influence the esthetic result.

Diego Velasquez, Moderator

- Ole T. Jensen** BMP-2 Interpositional Augmentation for the Maxillary Esthetic Zone
- Massimo Simion** Vertical Ridge Augmentation in Esthetic Zones
- David A. Garber** Success by Design: Managing Risk Factors and Minimally Invasive Surgical Protocols in Anterior Implant Therapy
- Stephen M. Parel** Implant Options for Treating Vertical Maxillary Excess

SESSION IV: 1:30–5:00

**THE ORTHODONTIC CONNECTION TO
OTHER DENTAL DISCIPLINES**

When and how should orthodontic tooth movement be introduced to contemporary multidisciplinary treatment? The answer will be connected to the task at hand, such as creating room for an implant, correcting a periodontal defect, or using an implant to create anchorage for tooth movement. Where does accelerated tooth movement fit into the overall scheme? The panel will present a myriad of clinical cases to address these clinical decisions.

OBJECTIVES:

- Learn the value and techniques of accelerated tooth movement.
- Recognize the treatment sequence of periodontics and adult tooth movement.
- Understand the regenerative potential of orthodontics.

Robert Vanarsdall, Moderator

- Maurice Salama** Prescription Orthodontic Therapy: A Vital Regenerative Tool in Complex Treatment
- Kevin G. Murphy** The Surgical Procedures Associated with Periodontally Accelerated Osteogenic Orthodontics
- Roger J. Wise** From Car Accident to Neglected Periodontal Disease: The Continuum of Ortho-Perio-Implant Treatment

MEETING LECTURES AVAILABLE ON DVD!

The 9th ISPRD and the 22nd ISC were both resounding successes. For those who missed the opportunity to attend, DVDs of many of the sessions are now available for purchase. Each high-quality DVD contains one 45- to 60-minute lecture presented by one of the featured speakers.

Visit www.quintpub.com/lectures for prices and a complete list of the lectures that are available to order on DVD.



The 9th International Symposium on Periodontics and Restorative Dentistry

FEATURING:

A Critical Review of Contemporary Clinical Treatment
Boston, Massachusetts • June 7–10, 2007



22nd International Symposium on Ceramics

FEATURING:

Esthetic Masters at the Forefront
Los Angeles, California • June 6–8, 2008

SESSION I: 8:30–5:30

TREATMENT LONGEVITY FOR THE PERIODONTALLY COMPROMISED PATIENT

Every patient is concerned about the esthetic outcome of treatment but is also interested in the longevity of the result. This is frequently a multidisciplinary conversation regarding periodontal disease and treatment, the prosthetic restoration and replacement of teeth, and the contemporary implementation of implants. Long-term observations of treatment decisions are the key to making the correct decision. This experienced panel will address the classical, contemporary, and when possible, future directions of therapeutics for the periodontally compromised patient.

OBJECTIVES:

- Identify periodontal treatment decisions that contribute to longevity.
- Observe long-term results of prosthetic treatment.
- Evaluate the value of dental implants to long-term performance of the restoration.

Morton Amsterdam, Moderator

- Myron Nevins** Long-Term Observations With and Without Implants
- Stephen S. Wallace** Sinus Elevation Therapy to Supply Maxillary Posterior Teeth
- Marcelo da Costa Camelo** Bar and Overbar Prosthesis for the Treatment of Atrophic Edentulous Jaws
- George Priest** Long-Term Prosthodontic Implant Solutions for Periodontally Challenged Patients
- Robert Schallhorn** Observations of Long-Term Outcomes with Periodontally Challenged Patients
- Mauro Fradeani** Long-Term Follow-up of Full-Mouth Prosthetic Rehabilitations

SESSION II: 8:30–5:30

CERAMICS: THE MASTERS REACH FOR ULTIMATE ESTHETICS

This expert panel will endeavor to provide answers and direction for the selection of the appropriate materials and methods to reach the optimal esthetic results for your patients. Treatment options will complete the span from single crowns to periodontal prostheses with an emphasis on useful lectures and the materials of choice. The take-home message can be implemented in your practice to enhance your esthetic results.

OBJECTIVES:

- Reassess a systematic system for predictable esthetics.
- Learn to optimize form and function in esthetics.
- Understand the clinical and technical aspects of treatment.

Arnold Weisgold, Moderator

- Robert R. Winter** Optimizing Form and Function: A Clinical and Technical Perspective
- Kenneth A. Malament** Integration of Esthetic Dentistry and Prosthodontics
- Avishai Sadan** A Systematic Approach for Predictable Esthetics
- Iñaki Gamborena** Materials and Methods for Optimal Esthetic Results in Implant Dentistry
- Galip Gürel** Maximum Esthetics—Minimum Invasion
- Markus B. Blatz** The All-Ceramic Update in Esthetic Dentistry

SESSION III: 8:30–5:30

EXTRACTION WOUND HEALING AND IMMEDIATE LOADING

The extraction of teeth is probably the most frequently exercised dental treatment, but osseointegration has created a new understanding of the need to preserve the remaining alveolar process and the surrounding gingival tissues. New information continues to emerge from both preclinical and clinical trials that greatly influences the treatment regimen. The possibilities include grafting the socket with hard tissues, soft tissues, or both; placing an implant into the socket; and loading the implant(s) with a provisional prosthesis or, in some instances, a final prosthesis. This astute panel will debate the issues and examine the risks involved.

OBJECTIVES:

- Reevaluate the necessity of hard tissue grafting to preserve ridge morphology.
- Identify the impact of CT guidance with immediate provisionalization.
- Learn when immediate loading is appropriate.

Kevin G. Murphy, Moderator

- Jan T. Lindhe** Implants in Fresh Extraction Sockets
- Ronald E. Jung** Alveolar Ridge Preservation: Facts and Future
- Joseph Kan** Predictable Facial Gingival Esthetics Following Immediate Tooth Replacement in the Esthetic Zone
- Hans-Peter Weber** The Extraction Socket As an Implant Site: Biologic Events and Clinical Implications
- Harold Baumgarten** CT Guidance with Immediate Provisionalization—Principles and Techniques
- Tiziano Testori** Internal and External Grafting of the Socket: A Way to Preserve the Ridge Dimension

SESSION I: 8:30–3:00

RISK FACTORS CHALLENGING IMPLANT SUCCESS

Osseointegrated implants have enjoyed unparalleled success but still require thoughtful treatment planning for many individuals. Two risk groups that are clearly defined are patients with diabetes and those who have received bisphosphonate treatment. There is some thought that periodontal patients are at risk, specifically those characterized as refractory. There is concern for adolescent patients and the correlation of the timing of their implant treatment with physical development. All of these complications will be explored with special emphasis on the surface technology of the implant.

OBJECTIVES:

- Reassess previous periodontal disease as a risk factor for implant dentistry.
- Learn the effect of implants in adolescent patients.
- Identify the impact of the implant surface on osseointegration and soft tissue attachment.

George A. Zarb, Moderator

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| Anthony G. Sclar | Avoiding and Managing Esthetic Implant Complications |
| Joseph P. Fiorellini | Diabetes and Bisphosphonate Treatment As a Risk Factor for Implant Survival |
| Marc Quirynen | Risk Factors of Periodontal Diseases for Successful Implant Dentistry |
| Peter Schuepbach | The Impact of the Surface on Osseointegration and Soft Tissue Integration |
| Georg Watzek | Implants in Adolescence: Advantages and Risks |
| Stephen L. Wheeler | Catastrophic Failures in the Esthetic Zone |
| James Stein | Clinical Reduction of Implant and Fixed Prosthodontic Risk Factors Through Data Acquisition with a Digital Impression Scanner |

SESSION II: 8:30–3:00

ADVANCES IN PERIODONTAL PLASTIC SURGERY TO ENHANCE RESTORATIVE RESULTS

Two areas of great esthetic concern to patients are the length of their teeth and interdental loss of periodontium—the so-called black triangles. The predictability of treating recession defects has been fostered by fastidious documentation of a variety of clinical procedures and materials. Is it possible to introduce growth factors as a further enhancement bordering on periodontal regeneration? Interdental papilla regeneration will be displayed with a combination periodontal prosthetic therapy.

OBJECTIVES:

- Evaluate different techniques for the correction of gingival recession.
- Learn the regenerative effect of using bioactive molecules and living cells.
- Become aware of a predictable surgical technique to replace the interdental papilla.

Marlin E. Gher, Moderator

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| Hom-Lay Wang | Decision Tree for Predictable Soft Tissue Coverage/Augmentation |
| Lauren Langer | Immediate Implant Placement in Severely Compromised Sites—Long-Term Soft and Hard Tissue Results with Over 800 Implants in the Esthetic Zone |
| Edward P. Allen | Advances in Allograft Root Coverage |
| Michael K. McGuire | Biosurgery: Using Bioactive Molecules and Living Cells to Facilitate Hard and Soft Tissue Regeneration |
| Yasukazu Miyamoto | Soft Tissue Grafting for Enhancing Implant Outcomes |
| W. Peter Nordland | A Predictable Surgical Technique for Augmentation of the Lost Interdental Papilla |

SESSION III: 8:30–3:00

LOCALIZED RIDGE AUGMENTATION FOR IMPLANT PLACEMENT AND RESTORATION

The past decade has witnessed a challenge to the position of autogenous grafting as the “gold standard” for localized ridge augmentation. This program will offer the use of a variety of osteopromotive materials with and without growth factors to regenerate bone lost to periodontal disease, trauma, or congenital defects. This expert panel will provide not only existing positive results but also the appropriate selection of materials and the attending complications of therapy.

OBJECTIVES:

- Reevaluate the selection of osteogenic materials.
- Recognize the value of cell therapy and growth factors.
- Improve the likelihood of successful vertical ridge augmentation.

Sergio De Paoli, Moderator

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| Michael A. Pikos | Edentulous Regenerative Strategies: Autogenous, Allogeneic, and Xenograft Substrates with BioActive Modifiers |
| Marc L. Nevins | Regenerative and Esthetic Surgery with rhPDGF-BB |
| Carlo Tinti/Stefano Parma-Benfenati | Surgical Approach with GBR to Improve Esthetics |
| David L. Cochran | Protein Therapy Using BMP As an Alternative to Autogenous Bone Grafting |
| Jay P. Malmquist | Cell Therapy and Bone Proteins: A New Paradigm in Bone Grafting |
| Ye Lin | Alveolar Vertical Augmentation for Implants—Current Approaches and Problems |