GS3: Maximizing Success in Soft Tissue Grafting - Materials & Technique

8:00 - 10:00 am
Program Track: Periodontal Plastic/Oral Reconstructive Surgery
Moderator: Jeanne M. Salcetti
Speakers: Edward P. Allen, Michael K. McGuire, Kirk L. Pasquinelli

This program will be streamed live for members.

This program will highlight three different treatment options for augmenting the band of attached and keratinized tissues around teeth and dental implants. The course will begin by discussing the utilization of autogenous connective tissue grafts, harvesting techniques and recipient site management. Next, practical applications of matrices, bioactive molecules and cell-based therapies will be addressed. In closing, the use of acellular dermis and the advantages of a minimally invasive tunneling technique for treating soft tissue deficiencies will be presented.

Educational Objectives:
- Recognize when autogenous connective tissue grafts are indicated, and the techniques for harvesting and utilizing these grafts.
- Understand soft tissue grafting when the patient does not want to use their tissue or cadaveric sources.
- Describe the advantages of minimally invasive grafting surgery with the use of acellular dermis.

Registration
8:00 am - 12:00 noon

Town Square
8:00 am - 12:00 noon

Exhibition
10:00 am - 3:00 pm

Research Forum Poster Session
10:00 am - 3:00 pm

Our thanks to Sunstar Suisse SA/Sunstar Americas, Inc. for sponsoring the Research Forum Poster Session.
IP3: Innovations in Periodontics Session 3

10:15 - 11:45 am
Program Tracks: Implants, Interdisciplinary Therapy, Periodontal Plastic/Oral Reconstructive Surgery
Moderator: Michael K. Sonick
Speakers:
Rebecca M. Bockow  Goal-oriented Treatment Planning in Corticotomy-facilitated Orthodontics
Daniel J. Holtzclaw  External Split Thickness Vestibular Flap: A Novel Approach to Attaining Improved Flap Closure for Compromised Situations in the Anterior Mandible
Sofia D. Petrov  The Accelerated Forced Eruption of Deep Palatally Impacted Canines in Conjunction with Traditional Orthodontic Therapy and Accommodations Necessary for Inclusion in the PAOO Treatment
Alan M. Timko  Longstanding Lip Paresthesia Reversal Utilizing 1064 nm Nd:YAG Laser Biostimulation

CTS2: Tips & Tricks of Space Maintenance

10:15 - 11:45 am
Program Track: Imaging and Emerging Technologies
Moderator: Susan Karabin
Speakers: Barry P. Levin, Robert A. Levine, Bradley S. McAllister, Kevin G. Murphy

Creating negative space into which bone will grow and calcify remains a challenge to the periodontist and oral surgeon. The presenters will review the latest innovations and barrier membranes available to achieve bone growth in an area of deficient bone volume. First, a bioresorbable and moldable membrane will be presented, followed by the benefits of using titanium mesh. Next, the use of a PLGA mesh in combination with growth factors will be addressed, with cases using a collagen membrane and testing screws to round out the existing options.

Educational Objectives:
• Gain knowledge of innovations and advances in clinical periodontics, basic sciences or related subjects.
• Understand a new concept, technique or product use to take back to your practice.

Our thanks to Osteohealth for sponsoring this session.
FCE9: Occlusal Concepts They Never Taught Us in Implant Therapy

10:15 - 11:45 am
Program Track: Implants
Moderator: Michael J. McDevitt
Speaker: Rainer Bergmann

Implants are rigid, while teeth have a periodontal ligament that allows for vertical movement and migration away from adjacent implants. This difference has a profound impact on treatment planning and restoration design. Reduction of lateral occlusal forces reduces the risk of restoration failures, just as in periodontally-compromised dentitions.

Educational Objectives:
- Learn how to design and adjust occlusion to minimize restoration failure, and increase occlusal stability.
- Understand how occlusal considerations influence everything from restoration design to the choice of restorative materials.
- See how the occlusal relationship can be maintained when a transition is made from the last remaining teeth to immediately-loaded, implant-supported, restorations.

FCE10: Beyond Osseointegration: Patient-Preferred Implant Protocols to Satisfy Patients, Referrals and Grow Your Practice

10:15 - 11:45 am
Program Track: Implants
Moderator: Barry D. Wagenberg
Speaker: David A. Gelb

In the evolution of the implant solution to provide tooth replacement, osseointegration and attainment of optimum function and esthetics with implants is recognized as a universally necessary and obtainable accomplishment. This program will focus on immediate implant surgery with immediate load as a means of accelerating the treatment sequence in varied clinical and anatomical situations, to minimize the number of surgical procedures, provide temporary tooth replacement the day of extraction and guide gingival form to optimal contour, maturity and consistency. Surgical and prosthetic procedures will be projected with short- and long-term clinical and radiographic outcomes in various clinical situations, from single to multiple tooth replacements.

Educational Objectives:
- Define the surgical procedure as it applies to varying anatomical sites.
- Delineate the prosthetic steps in temporization.
- Project short- and long-term results clinically and radiographically.
FCE11: Technique & Long-Term Stability of Autogenous Block Grafts

10:15 - 11:45 am
Program Track: Regeneration/Tissue Engineering
Moderator: Joseph E. Gian-Grasso
Speaker: Hessam Nowzari

Autogenous bone graft is reliable. Mandibular cortical grafts remain the gold standard in the restoration of intraoral bone volume. They are convenient sources of bone grafting, allowing for a dense cortical quality graft, do not produce immune reactions and are incorporated by osteoclastic resorption (with a short healing period when compared with other methods of bone repair). Surgical modalities aimed at enhancing bone structure and harmonizing tissue structures will be presented. The amount of oral autogenous bone that can be safely harvested and the related techniques will also be analyzed.

FCE12: Lasers in Periodontics

10:15 - 11:45 am
Program Track: Treatment of Inflammatory Periodontal Diseases
Moderator: Bryan Siegelman
Speaker: George E. Romanos

The laser as a surgical tool will be demonstrated for the treatment of periodontal disease and the management of peri-implantitis, based on scientific established protocols to improve the final clinical outcome. The lecture will provide information and a step-by-step demonstration of different surgical procedures related to periodontics, such as removal of soft and hard tissue tumors for a successful surgical treatment without complications. The application of different laser wavelengths and their use in modern periodontics to coagulate, ablate or excise tissues, will be discussed, with a high number of clinical cases illustrating the “way of thinking” in laser-assisted periodontal therapy.

FCE13: The Team Relationship - Managing Implant Complications

10:15 - 11:45 am
Program Track: Interdisciplinary Therapy
Moderator: Richard Cutler
Speakers: Mark I. Handelsman, Gary Solnit

The professional relationship between the periodontist and restorative dentist in implant dentistry is as crucial as ever in today’s modern practice world. With the increasing cost of care, and the value our patients place on their treatment, it is our responsibility to insure the greatest return for their investment. With that in mind, this lecture will focus on evidence-based decision-making as it relates to the management of complications for our patients. The presentation team, a prosthodontist and periodontist, will share the decisions they implement for their patients to ensure the most stable restoration.
FCE14: Peri-Implantitis
10:15 - 11:45 am
Program Track: Treatment of Inflammatory Periodontal Diseases
Moderator: Robert A. Faiella
Speaker: Stefan Renvert

Patients with a history of periodontitis have an increased risk of peri-implantitis. Therapies proposed for the management of peri-implant diseases focus on infection control and healing. In this presentation, a structured program for non-surgical and surgical therapies of peri-implant mucositis and peri-implantitis will be discussed.

Educational Objectives:
• Know the effects of non-surgical treatment of peri-implantitis.
• Be aware of different surgical treatment options for peri-implantitis.

FCE15: Diagnosis and Management of Unusual Oral Mucosal Diseases and Disorders in Periodontal Practice
10:15 - 11:45 am
Program Track: Periodontal-Systemic Relationships
Moderator: D. Walter Cohen
Speaker: Terry D. Rees

This course will discuss the diagnosis and treatment of blistering diseases and other chronic oral mucosal diseases and disorders sometimes seen in periodontal practice. The discussion will include mucous membrane pemphigoid, pemphigus vulgaris, oral hypersensitivity reactions, oral Crohn's disease and pre-malignant lesions (such as proliferative verrucal leukoplakia).

Educational Objectives:
• Diagnose and manage oral blistering diseases and other disorders that can affect the gingiva and surrounding tissues.
• Recognize and manage oral hypersensitivity reactions affecting the gingiva.
• Be aware of common oral pre-malignant lesions and their management.

FCE16: Esthetic Crown Lengthening
10:15 - 11:45 am
Program Track: Periodontal Plastic/Oral Reconstructive Surgery
Moderator: John H. Jacquot
Speakers: Brian L. Chadroff, Simone Verardi

Smile enhancement therapy has become an important facet of everyday periodontal practice. The smile and esthetics of our patients can be affected by short teeth and a “gummy smile”. Often, this problem can be satisfactorily treated with clinical crown lengthening. This presentation will focus on the correct diagnosis and therapy in order to improve the esthetics of our patients.

Educational Objectives:
• Understand the biologic rationale for esthetic crown lengthening.
• Be able to correctly diagnose excessive gingival display.
• Recognize surgical correction of a gummy smile with and without a multidisciplinary approach.

Complimentary Lunch in the Exhibit Hall
11:45 am - 1:45 pm
Cost: Complimentary to professional registrants, $35 for spouse/guest

While complimentary, attendees must indicate their interest in one or all of the lunches during the registration process.
GS4: Complex Decision-Making for Teeth & Implants in and out of the Aesthetic Zone

2:00 - 4:00 pm
Track: Interdisciplinary Therapy
Moderator: Robert A. Faiella
Speakers: Stephen Chu, Dennis P. Tarnow

This program will be streamed live for members.

The treatment planning of complex cases requires the highest level of knowledge and skills of the treating team; it is an orchestration of procedures with proper timing that makes the difference. Envisioning the final case before starting is always needed to know where the goal of treatment will be directed towards. This, in conjunction with the patient’s needs and situation, make up the best treatment for the patient. Numerous problems - including which teeth to save or extract, when and how to include orthodontics if needed for sight development and how to temporize the case throughout treatment - will be addressed in this interdisciplinary approach to our most challenging cases.

Educational Objectives:
• Understand how properly-timed procedures can make a difference in treatment planning.
• Consider the end results and patient’s individual circumstances to determine the best treatment plan.