Pikos Symposium
CLINICALLY RELEVANT & EVIDENCE BASED
2022
HARD AND SOFT TISSUE GRAFTING FOR OPTIMAL IMPLANT RECONSTRUCTION

FEATURING 12 OF THE WORLD’S MASTER CLINICIANS!

Dr. Matthew Fien
Dr. George Kotsakis
Dr. Henriette Lerner
Dr. Robert Marx
Dr. Richard Miron
Dr. Alberto Monje

Dr. Michael A. Pikos
Dr. Snjezana Pohl
Dr. Giulio Rasperini
Dr. Isabella Rocchieta
Dr. Roberto Rossi
Dr. Jose Carlos Martins da Rosa

OCT. 6-8, 2022 | Ritz-Carlton
Grande Lakes, Orlando
Optional Hands-on Workshops | Wednesday, October 5, 2022

Register Online at PikosSymposium.com | By Phone (727) 781-0491
I want to personally invite you to attend the Pikos Institute sponsored Hard and Soft Tissue Grafting for Optimal Implant Reconstruction Symposium 2022. This one of a kind program will feature 12 of the World’s Master Clinicians as they share their respective hard and soft tissue grafting protocols for implant reconstruction in a most unique and dynamic mode. Each speaker will have two hours to present their material including 20 minutes of direct Q&A from the audience. This format will allow each speaker ample time to develop his or her respective topic as well as provide for audience participation.

This symposium is for both entry level and advanced level clinicians who desire to advance their knowledge of clinically relevant and evidence based state-of-the-art hard and soft tissue grafting procedures. It will cover the entire spectrum of both the scientific and clinical elements of hard and soft tissue grafting from autogenous to tissue engineering based, single tooth to full arch and full mouth implant reconstruction.

Pikos Symposium 2022 will include, but not be limited to the following topics:

- Understand the regenerative properties of each class of bone grafts and understand their specific uses for optimizing periodontal and bone regeneration
- Compare and contrast all grafts on the market: indications and biological properties of the intertransplant periodontal tissue attachment
- Treatment concepts for the management of peri-implant disease
- Soft tissue conditioning for the prevention and management of peri-implantitis
- Significance of keratinized mucosa to prevent and to manage peri-implantitis
- Step by step approach of techniques that have proven to be efficacious to augment the band of keratinized mucosa around dental implants
- Tunnel technique in sites with minimal keratinized tissue, aberrant frenal attachment, and shallow vestibule
- Myths and realities of lateral wall and crestal sinus grafting
- Management of sinus graft complications including large and complete membrane perforations
- Management of sinus graft infections
- Sinus grafting in the presence of pathology
- Understand how the Cortical Lamina technique can be used to treat 2D and 3D bony defects
- Step by step technique and indications of the Immediate Dentoalveolar Restoration (IDR) concept
- Cortical-cancellous graft and the triple graft harvested from maxillary tuberosity
- GBR and Gassos densification concept: how to improve implant primary stability in cases with low (no) remaining bone in periodontally compromised sites
- Practical applications of stem cells, osteoprogenitor cells, and growth factors in bone regeneration
- Digitally assisted full mouth immediate implant supported rehabilitation with a mucogingival approach
- Guided surgery for optimal hard and soft tissue grafting: when, why, how
- Peri-implant protocol: mucogingival surgery in order to avoid a hybrid denture
- Alternative augmentation procedures with less morbidity and more minimally invasive approaches
- Guide clinicians on implant rehabilitation with grafting and non-grafting approaches
- Implant esthetic complications and management
- Recognition of etiologic factors that may contribute to soft tissue recession around dental implants
- Prevention of future soft tissue recession around dental implants
- Decision tree used to select treatment modalities for the management of different implant soft tissue recession complications

Please join us at the Ritz Carlton, Orlando for what will be a unique and total immersion learning experience on all aspects of the science and art of hard and soft tissue grafting for implant reconstruction. This will be the most comprehensive bone and soft tissue grafting symposium you will ever attend. Come and learn from these talented World-Class Master Clinicians.

You don’t want to miss this great opportunity. I look forward to seeing you in October.

Warmest regards,

Michael A. Pikos, DDS
3. Learn why the titanium passivation layer preservation is key to long-term implant success and how to implement this in practice

Learning Objectives:
1. Classification of bone grafting materials. Current uses and percentages utilized materials in North America
2. How to classify interproximal periodontal defects and papillae loss
3. How to plan Treatment of interproximal attachment loss
4. How to use most recent surgical techniques and biological concepts in interproximal attachment gain
5. Which biomaterials to use in different scenarios

10:30 am – 12:30 pm Dr. Giulio Rasperini
New Challenge: Regeneration of the Interdental Periodontal Tissue Attachment
In today’s dentistry the aesthetic demand from patients has become the main challenge in periodontology. Besides the obvious functional aspect, it is now also important to provide the patient with the “esthetic” satisfaction of a “natural looking” dentition. This is the case in case of gingival recessions, where the width of the gingival margin is insufficient. In these cases, the biologic width is compromised and the risk for gingival recession is increased. The goal of regenerative therapy is to restore the biologic width and the periodontal attachment level. Various regenerative techniques are available to achieve this goal, but the selection of the appropriate technique depends on the specific case. The talk will review the most commonly used regenerative techniques and discuss their indications and limitations.
8:00 am – 10:00 am Dr. Henrietta Lerner
3D Bone Grafting and Soft Tissue Engineering for Minimally Invasive Digital Dentistry

Digital Dentistry with the application of all new technologies in an entirely new workflow; is the new dentistry we provide. Milling and printing of bone materials are now digital predictable procedures. Soft tissue grafting takes a new dimension and techniques in the digital workflow. In the clinical application understanding and knowledge of all digital processes are of mandatory importance. This lecture will go through the science and clinics of the newest grafting techniques simultaneously and before the implant placement in its digital workflow.

Learning Objectives:
1. To present the science and clinics of bone grafting with a digital approach
2. To present digital workflows for full rehabilitation in combination with bone and soft tissue grafting techniques
3. Share parameters of grafting, digital implant planning and placement for predictable esthetics

Saturday, October 8, 2022
AGD Subject Code 690 (8 hours)

10:30 am – 12:30 pm Dr. Snjezana Pohl
Local, Sustainable, Organic, Recyclable: Intraloral Donor Sites

Autogenous tissue is not immunogenic; there is no risk of disease transmission, it contains growth factors. SBF “Gold standard” tissue is often neglected because of the donor site morbidity. Morbidity can be dramatically reduced by choosing a donor site adjacent to the recipient area and/or donor site that is known to be associated with minimal postoperative discomfort. This lecture will present the utilization of tuberosity bone, translocated ridge segments, extracted and partially retained teeth, and wound closure techniques.

Learning Objectives:
1. Understand the biological and clinical rationale for partial extraction therapy, dermal autograft, and tuberosity bone
2. Learn to utilize adjacent tissue for defect augmentation
3. Learn a novel technique for the wound closure in the upper jaw

1:45 pm – 3:45 pm Dr. Robert Marx
Straight Forward Harvesting and Applications of Stem Cells for Bone Regeneration and Soft Tissue Healing

Predictable bone regeneration and soft tissue healing is needed for ridge augmentation, sinus augmentation, cleft defects, and tumor or trauma defect reconstructions. Today’s use of PRP and bone marrow-depleted stem cells in both the office setting and the operating room has become commonplace. Using a series of representative cases for these applications, identifying specific cases, harvesting, and placement techniques as well as outcome assessments will show the true value of today’s use in tissue engineering. Outcome data underscoring the safety, time-saving, cost-saving, and functionality of the results will complement the clinical approach and the result presented in the sample cases.

Learning Objectives:
1. The attendee will be able to understand the techniques used to harvest a high yield of stem cells in either the office setting or operating room
2. The attendee will be able to better decide as to their choice of PRP or bone marrow aspirate and why
3. The attendee will know of the correct dose of PRP/MP-2/ACS as well as the required plateau counts in PRP when using each
4. The attendee will know of the range of allogeneic bone particle sizes which yield the best bone regeneration

Afternoon Break: 3:45 pm – 4:15 pm

4:15 pm – 6:15 pm Dr. Matthew J. Fien
Site Specific Solutions for Predictable Hard and Soft Tissue Augmentation

Advancements in hard and soft tissue augmentation techniques will be presented to highlight the use of bio-absorbable membranes, various stabilization techniques, and the use of biologics to enhance the handling of our regenerative materials and improve surgical outcomes. A special focus on defect morphology and anatomical limitations that must be considered will also be discussed in detail.

Learning Objectives:
1. To understand how to successfully satisfy the requirements for predictable hard and soft tissue augmentation
2. To learn multiple techniques to stabilize the graft membrane complex dependent on the anatomy and morphology of the defect being treated
3. To learn site-specific techniques to stabilize the graft/membrane complex with periosteal biting sutures
4. To learn a safe and effective technique to achieve tension-free primary closure
5. To understand and select the bony defects (horizontal, vertical, and combined)
6. To learn to perform a safe and effective technique to achieve tension-free primary closure with minimal post-op morbidity compared to traditional techniques

Pikos Symposium Pre-Con Workshops

Wednesday, October 5, 2022
AGD Subject Code 690

Dr. Matthew J. Fien – 8 am - 12 pm 4 CE Hours
Improving the Predictability of Guided Bone Regeneration with Resorbable Materials

In order to achieve successful guided bone regeneration several requirements must be satisfied. In this hands-on session we will utilize porcine mandibles to perform ridge augmentation with non-resorbable materials following a specific protocol that can be applied to a variety of clinical scenarios. This session will review in detail appropriate incision designs for guided bone regeneration, flap management, minimal invasive techniques to harvest autogenous bone, material selection, harvesting of biomaterials, techniques to maintain space, stabilization of the graft/membrane complex with periosteal biting suture placements, and techniques to achieve tension-free primary closure.

Learning objectives:
1. To understand the requirements for successful guided bone regeneration and how to satisfy those requirements with bio-absorbable materials
2. To learn a specific protocol to perform guided bone regeneration with non-resorbable materials
3. To learn site-specific techniques to stabilize the graft/membrane complex with periosteal biting sutures
4. To learn to perform a safe and effective technique to achieve tension-free primary closure with minimal post-op morbidity compared to traditional techniques

Dr. Giulio Rasperini – 8 am - 12 pm 4 CE Hours
Plastic Periodontal Regenerative Surgery, Nowadays Techniques

The hands-on course would be shown and developed by the participant’s main periodontal surgical techniques. Paying attention to the treatment of intrabony defect and to the interproximal soft tissue simultaneously will improve the prognostic and aesthetic outcome in the treatment of periodontally compromised natural teeth. The hands-on will exercise on the use of different techniques and biomaterials in different clinical scenarios of missing papillae and interproximal attachment loss.

Learning objectives:
1. The most recent techniques for interproximal and papillae :gain
2. The biomaterials to use in these procedures
3. Full surgical protocol on how to treat advanced cases

Dr. Alberto Monje – 1 pm - 5 pm 4 CE Hours
Surgical Therapy of Peri-implantitis: From Reconstractive Therapy to Soft Tissue Conditioning

The goal in the management of peri-implantitis is to reduce pocket length to 5mm. Reconstractive and respective strategies have been advocated. The surgical therapy of peri-implantitis is dictated by defect morphology and implant position. Moreover, in order to prevent disease recurrence, in scenarios lacking keratinized mucosa, soft tissue conditioning simultaneously to the ant- infective therapy is key to prevent recurrence.

Learning objectives:
1. To identify the indications for the different therapeutic modalities according to defect configuration and implant position
2. To learn the step-by-step approach in reconstractive therapy to manage peri-implantitis
3. To learn the key biological and technical principles for soft tissue conditioning by means of free epithelialized grafts to prevent and manage peri-implantitis

Dr. Roberto Rossi – 1 pm - 5 pm 4 CE Hours
The Cortical Lamina Technique: Present and Future of 3D Ridge Augmentation

For many years GBR has been a technique with many lights and also many shadows. Every technique proposed in the past has shown excellent outcomes, but also easy complications. The use of non-resorbable or resorbable membranes introduces the risk of exposure and or lack of maintenance of volume stability. The advent of cortical lamina represents an easy simplification to prevent disease recurrence, in scenarios lacking keratinized mucosa, soft tissue conditioning simultaneously to the ant-infective therapy is key to prevent recurrence.

Learning objectives:
1. To understand and select the bony defects (horizontal, vertical, and combined)
2. To learn the application of the three different types of Lamina for GBR
3. To learn the use of the Lamina in periodontally involved cases

www.PikosSymposium.com
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Hard and Soft Tissue Grafting for Optimal Implant Reconstruction

October 6-8, 2022

Regular Registration $2995

8:00 am - 12:00 pm ($995) Dr. Matthew J. Men (4 CE hrs)
Improving the Predictability of Guided Bone Regeneration with Resorbable Materials

8:00 am - 12:00 pm ($995) Dr. Giulio Rasperini (4 CE hrs)
Plastic Periodontal Regenerative Surgery, Nowadays Techniques

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Improving the Predictability of Guided Bone Regeneration with Resorbable Materials

Plastic Periodontal Regenerative Surgery, Nowadays Techniques

Surgical Therapy of Peri-Implantitis: From Reconstructive Therapy to Soft Tissue Conditioning

The Cortical Lamina Technique, Present and Future of 3D Ridge Augmentation

This was the best lecture CE course I have ever attended. There was more useful information presented than I could digest. This course provided a great stimulus to further research the topics and implement new procedures in my practice.

Dr. Daniel Miller, OMS
Huntington Beach, CA

There was an amazing amount of pearls revealed. Great flow through the lecture reviewing how things are tied together, AND... awesome restorative considerations.

Dr. Casey V. Pedro, GP
Boca Raton, FL

One of the best gatherings of knowledge, expertise, and experience relating to implant reconstruction and management of the related hard and soft tissue envelopes anywhere in the world.

Dr. Spiro C. Karras, OMS
Lincolnwood, IL

Every lecture was amazing and could be followed up with a full-day of education in itself!

Dr. Andrew M. MacConnell, GP
Buff City, TN

As an OMFS, I really appreciate Dr. Pikos' inclusion of other specialties of dentistry on the speakers panel. The cross-pollination is very helpful as it elevates dentistry!

Dr. Rick Hurst, OMS
Nacogdoches, TX

There was an amazing amount of pearls.

Dr. Michael Kuznik, OMS
Vienna, VA

Reviewing how things are tied together. AND...

Dr. Andrew M. MacConnell, GP
Buff City, TN

One of the best gatherings of knowledge, expertise, and experience relating to implant reconstruction and management of the related hard and soft tissue envelopes anywhere in the world.

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