THE INTEGRATION OF SCIENCE AND ART
Michael A. Pikos, DDS

Dr. Pikos is originally from Campbell, Ohio. He attended The Ohio State University where he graduated Summa Cum Laude and Phi Beta Kappa. He also graduated with honors from The Ohio State University College of Dentistry. Dr. Pikos completed an internship at Miami Valley Hospital and residency training in Oral & Maxillofacial Surgery at the University of Pittsburgh, Montefiore Hospital.

He is a Diplomate of the American Board of Oral and Maxillofacial Surgery, Diplomate of the American Board of Oral Implantology/Implant Dentistry, Diplomate of the International Congress of Oral Implantologists and a Fellow of the American College of Dentists. Dr. Pikos is the recipient of the 2006 Aaron Gershkoff Memorial Award from the American Academy of Implant Dentistry and the 2015 Saul Schluger Memorial Award for Top Educator.

He is an Adjunct Assistant Professor, Department of Oral & Maxillofacial Surgery at The Ohio State University College of Dentistry and Nova Southeastern University College of Dental Medicine. He is also a Courtesy Clinical Associate Professor, Department of Periodontology and Department of Prosthodontics at the University of Florida College of Dentistry, Adjunct Professor, Department of Oral & Maxillofacial Surgery, Aristotle University of Thessaloniki, Greece, School of Dentistry, and Adjunct Associate Professor, Department of Periodontology, University of Alabama at Birmingham.

Dr. Pikos is on the Editorial Board of the following journals: Implant Dentistry, Inside Dentistry, the Journal of Esthetic and Restorative Dentistry and the Journal of Implant and Advanced Clinical Dentistry. He is the Scientific Advisor on Implants for the Kois Center.

As an OMS, he is one of the first clinicians to recognize the relevance of Cone Beam CT and interactive CT technology for comprehensive diagnosis and treatment planning along with its implementation for implant based oral rehabilitation. As a result, Dr. Pikos has made this high technology a cornerstone of both his private practice and Institute.

Dr. Pikos has extensive experience in implant surgery and hard and soft tissue procedures. He also emphasizes interactive CT technology along with foundational principles of prosthetics and biomechanics that dictate the ultimate success of comprehensive implant rehabilitation.
He is a well-published author who has lectured extensively on dental implants in North and South America, Europe, Asia, and the Middle East. Dr. Pikos is an active member and frequent lecturer for the American Association of Oral and Maxillofacial Surgeons, the American Academy of Periodontics, the Academy of Osseointegration, the American Academy of Implant Dentistry and the International Congress of Implantology.

Dr. Pikos is founder and CEO of the Pikos Institute. Since 1990 he has been teaching advanced bone and soft tissue grafting courses with alumni that now number more than 3700 from all 50 states and 43 countries. Dr. Pikos maintains a private practice which is limited exclusively to implant surgery in Trinity, Florida.

The Pikos Institute Philosophy manifests the natural restoration of dental esthetics, function and comfort for optimized dental implant rehabilitation. It applies evidence based rationale and experience proven implementation of the latest diagnostic, tissue regenerative and restorative protocols. In addition, it embodies a comprehensive integration of precision imaging technology and science through virtual reality case planning for predictable and long term implant case success.

What Some of Our Attendees Have to Say

“Dr. Pikos is extremely well-versed in regenerative procedures for both hard and soft tissue. The small class size and direct contact with Dr. Pikos make this seminar very unique and valuable.” - Dr. Matthew Bruksch, OMS | Rockford, IL

“Dr. Pikos is very down-to-earth for such an accomplished clinician, which is a rare quality. He is not shy to show his complications in addition to all his great cases! Great course!!” - Dr. Pooja Maney, Perio | New Orleans, LA

“I always expect to get a pearl or two from CE, but this was exceptional. I got a big PEARL - Are you kidding me - I got a whole oyster! Great one-of-a-kind course.” - Dr. Douglas Harshberger – GP | Independence, MO
CONTEMPORARY SOFT TISSUE GRAFTING FOR IMPLANT RECONSTRUCTION

20 hours lecture AGD Subject code: 490, 3 hours participation AGD Subject code: 490

Top 5 Reasons to Take Contemporary Soft Tissue Grafting for Implant Reconstruction

In this course, you will:

1. Become proficient with implant-based soft tissue management and comprehensive esthetic zone extraction site management.

2. Understand the “why” not just the “how to” of soft tissue grafting.

3. Build confidence and develop your skill set with the most utilized soft tissue grafting procedures in implant dentistry.

4. Improve your profitability with implant based soft tissue grafting procedures.

5. Increase predictability and long-term stability of your bone graft cases.

Pedicle Tunnel Connective Tissue Graft®
Course Objectives:
Upon completion of this course, participants will be able to:
1. Describe the practical application of the Pikos Institute Philosophy for soft tissue manipulation, incision design, and suturing techniques for predictable soft tissue grafting.
2. Describe the anatomy, biology, and wound healing of peri-implant tissues and extraction sockets.
3. Understand the indications, guidelines, and surgical protocols for advanced soft tissue procedures.
4. Perform implant-related advanced soft tissue augmentation procedures including comprehensive esthetic zone extraction site management procedures including socket shield.
5. Recognize, manage, and prevent complications associated with advanced soft tissue grafting.

Course Topics:
• Pikos Institute Philosophy of oral implant rehabilitation for soft tissue therapy - “Think Outside the Bone”
• Key principles for evidence based predictable soft tissue grafting.
• Site specific soft tissue anatomy and wound healing of peri-implant tissues.
• Soft tissue manipulation and incision flap design for predictable bone grafting.
• Optimal sequencing of soft tissue procedures for successful implant surgery and bone grafting.
• Guidelines, indications, and surgical protocols for the following:
  - Gingival grafts, subepithelial connective tissue grafts, and acellular dermis matrix allografts.
  - Development of optimal peri-implant soft tissue architecture.
• Eight most commonly used suturing techniques for implant surgical reconstruction.
• Soft tissue grafting protocols for esthetic zone reconstruction.
• Predictable protocols for esthetic zone extraction site management with and without simultaneous implant placement.
• Esthetic zone socket shield and socket shield grafting protocols.
• Socket shield and socket shield grafting protocols.
• Growth factor technology (L-PRF, PDGF) in conjunction with soft tissue grafting protocols.
• Risk management issues/ informed consent for advanced soft tissue grafting.
• Recognition, management, and prevention of complications associated with soft tissue grafting.

Also Featured:
• Hands-on soft tissue grafting and suturing workshop.
• Live surgical demonstration cases.
Sinus Grafting for Implant Reconstruction

21 hours lecture AGD Subject code: 690, 3 hours participation AGD Subject code: 690

Top 5 Reasons to Take Sinus Grafting for Implant Reconstruction

When you participate in this UNIQUE LEARNING EXPERIENCE, you will:

1. Understand the 7 key principles for predictable sinus bone grafting including comprehensive diagnosis and long term follow up.

2. Describe the science and art of sinus bone grafting (lateral window and crestal) via unique interactive lecture discussion, HD video clips, hands-on workshops and live surgical demonstration.

3. Learn from Dr. Pikos’ 29 year experience with sinus bone grafting (more than 1300 sinus grafts performed).

4. Experience a warm, friendly and unique environment for increasing diagnostic and surgical skill sets.

5. Learn not just the “how to”, but the “why” and “why not” of sinus bone grafting.

21 hours lecture AGD Subject code: 690, 3 hours participation AGD Subject code: 690
Course Objectives:
Upon completion of this course, participants will be able to:
1. Describe the Pikos Institute Philosophy for sinus bone grafting as they become confident with the clinical and sequential CBCT evaluation protocol.
2. Understand the indications, guidelines and surgical protocols for sinus bone grafting: lateral and crestal approach.
3. Perform sinus bone grafting with delayed and simultaneous implant placement.
4. Understand the anatomy, biology and wound healing of sinus bone grafting.
5. Recognize, manage and prevent intraoperative and postoperative complications associated with sinus bone grafting.

Course Topics:
• Pikos Institute Philosophy of sinus bone grafting.
• Sequential 3D digital diagnostic evaluation protocol for predictable sinus bone grafting.
• 7 key principles and algorithms for science based, predictable sinus bone grafting.
• Biology and wound healing of sinus bone grafting.
• Comparison of autografts, allografts, xenografts and alloplasts as graft materials for sinus bone grafting.
• Indications and step-by-step surgical protocol for sinus bone grafting – lateral and crestal approach.
• Osseodensification with crestal sinus grafting.
• Comprehensive long term case presentations (10-20+years).
• Growth factor technology (L-PRF, rPDGF, rBMP-2) in conjunction with sinus bone grafting.
• Risk management issues related to sinus bone grafting.
• Sinus bone grafting in the presence of thickened sinus membranes, polyps and mucous retention cysts.
• Comprehensive recognition, management, and treatment of intraoperative, early and late postoperative complications.

Also Featured:
• Hands-on sinus graft workshop.
• Live surgical demonstration cases.
ALVEOLAR RIDGE STRATEGIES: SINGLE TOOTH TO FULL ARCH RECONSTRUCTION

After this tremendous learning experience you will:

1. Discover how to diagnose, treatment plan and manage single tooth to full arch alveolar ridge deficiencies requiring hard and soft tissue reconstruction procedures.

2. Understand the 10 key principles for predictable horizontal and vertical alveolar ridge grafting.

3. Learn the indications and master the surgical protocol for resorbable and nonresorbable mesh particulate bone grafting.

4. Learn how tissue engineering can dramatically change your perspective on diagnosing, treatment planning and managing alveolar ridge augmentation deficiencies.

5. Learn not just the “how to” but also the “why” and “why not” of surgical reconstruction of alveolar ridge deficiencies.

6. Learn from Dr. Pikos’ 35 year experience of hard and soft tissue grafting along with long term comprehensive case follow up.

7. Be exposed to an ideal learning environment with state of the art large screen 3:1 PowerPoint, HD video, live surgery and hands-on pig jaw and model surgery.

Top 7 Reasons to Take Alveolar Ridge Strategies: Single Tooth to Full Arch Reconstruction
**Course Objectives:**
Upon completion of this course, participants will be able to:

1. Describe the anatomy, biology and wound healing of alveolar ridge bone grafting procedures.
2. Understand the 10 key principles for predictable horizontal and vertical alveolar ridge augmentation.
3. Understand indications and step-by-step surgical protocols for advanced and complex alveolar ridge augmentation procedures ranging from single tooth to full arch reconstruction.
4. Understand the application of tissue engineering principles and materials for advanced and complex bone grafting procedures from extraction site management to full arch reconstruction.
5. Understand the step-by-step surgical protocols for the following: extraction site management, ridge expansion, Ti-mesh and titanium reinforced PTFE mesh particulate grafting, horizontal and vertical alveolar ridge augmentation and autogenous bone grafting.
6. Recognize, manage and prevent complications associated with alveolar ridge bone grafting procedures.

**Course Topics:**
- Pikos Institute Philosophy of oral implant rehabilitation for advanced and complex alveolar ridge augmentation.
- Sequential 3D digital diagnostic protocol to evaluate alveolar ridge deficiencies, donor sites and post graft sites.
- Key principles and algorithms for science based, predictable advanced and complex bone grafting procedures.
- Indications and step-by-step surgical protocol for horizontal and vertical ridge defects including the use of 3D resorbable and nonresorbable mesh particulate grafting with rhBMP-2 and rhPDGF.
- Application of Osseodensification technology for optimizing implant site development.
- Indications and step-by-step surgical protocol for extraction site management, ridge expansion, allogeneic and autogenous particulate bone grafting with resorbable and nonresorbable barriers and autogenous block grafting.
- Biomechanical principles consistent with reverse tissue engineering of bone grafts.
- Tissue engineering technology (L-PRF, rhPDGF and rhBMP-2) in conjunction with bone grafting protocols.
- Synergy of hard and soft tissue augmentation protocols for alveolar ridge deficiencies.
- Risk management issues / informed consent for advanced and complex bone grafts.
- Recognition, management, prevention of complications associated with advanced and complex bone grafting procedures.

**Also Featured:**
- Hands-on bone graft workshop.
- Live surgical demonstration cases.
Fully Guided Full Arch Immediate Implant Reconstruction (SAME DAY TEETH®): Prosthetic and Surgical Protocol

21 hours lecture AGD Subject code: 690, 2 hours participation AGD Subject code: 690

Attention Surgical Specialists
We encourage you to attend this unique fully guided full arch immediate Implant reconstruction course with your top restorative dentists. Come as a team and experience the full scope of guided prosthetics and guided surgery for full arch immediate implant reconstruction. There is no course like this in the world.

SURGICAL & RESTORATIVE TRAINING

Top 5 Reasons You Don’t Want to Miss This Unique Guided Surgery Course

1. Become comfortable diagnosing and virtual treatment planning full arch immediate implant reconstruction cases.

2. Learn a unique, digitally planned, fully guided protocol for full arch immediate implant reconstruction that maximizes communication among the surgical, restorative and laboratory team members.

3. Learn how to minimize chair time and maximize profitability with this unique interdisciplinary approach.

4. Learn the indications and SEVEN advantages of a unique digitally planned guided surgery protocol and the conventional conversion denture surgery protocol for full arch immediate implant reconstruction.

5. Discover the importance of knowing both NDX® nSequence® Guided Prosthetics™ and conversion denture full arch immediate reconstruction protocols.
This interdisciplinary course will focus on the integration of surgical, restorative and laboratory disciplines, combined with the NDX® nSequence® Guided Prosthetic™ digital technology, to provide a seamless approach for fully guided full arch and full mouth immediate implant reconstruction.

This unique, NDX® nSequence® Guided Prosthetic™ protocol is a digitally planned, fully guided protocol that includes placement of implants, components and a patient specific prefabricated, computer guided, monolithic PMMA bar supported provisional prosthesis for both edentulous and dentate arches. As a result of Guided Prosthetic™ planning, exceptional, predictable esthetics and function can be achieved.

Indications and the step-by-step clinical protocol for this approach, as well as those of the conversion denture approach, will be featured. Comparison with, and advantages of, this NDX® nSequence® Guided Prosthetics™ protocol and the conventional conversion denture protocol will be addressed in detail. Live Surgery and a comprehensive Hands-on Workshop are included.

Course Objectives:
Upon completion of the course, participants will be able to:

1. Learn the protocol for a unique, digitally planned, fully guided surgical, restorative, and laboratory approach for immediate full arch implant reconstruction (Same Day Teeth® - nSequence® Guided Prosthetics™ protocol)
2. Compare the indications and advantages of a unique digital based, fully guided, interdisciplinary protocol (Same Day Teeth® - nSequence® Guided Prosthetic™ protocol) with the conversion denture protocol for full arch immediate implant reconstruction.
3. Learn the advantages of providing Same Day Teeth® with the nSequence® Guided Prosthetics™ protocol digital workflow in comparison to the workflow for both provisional and final prosthesis fabrication.
4. Understand the limitations and complications of the Same Day Teeth® - nSequence® Guided Prosthetics™ protocol in addition to the conversion denture protocol.
March 1, 2019 – General Session: The Mandible

- Detailed Surgical Anatomy of the Posterior Mandible
- Biology of Bone Grafting
- Comprehensive Surgical Management of Anterior and Posterior Mandibular Horizontal and Vertical Defects
- Extraction Site Management – Grafting Protocols vs. Immediate Placement
- Soft Tissue Management of Anterior and Posterior Mandibular Horizontal and Vertical Defects
- Complications of Mandibular Alveolar Ridge Augmentation Surgery

March 2, 2019 – General Session: The Maxilla

- Surgical Anatomy of the Anterior and Posterior Maxilla
- Comprehensive Surgical Management of Anterior and Posterior Horizontal and Vertical Defects
- Extraction Site Management – Grafting Protocols vs. Immediate Placement
- Sinus Grafting – Lateral and Crestal Approach, Osteodensification, Grafting in the Presence of Pathology
- Soft Tissue Management of Anterior and Posterior Maxillary Horizontal and Vertical Alveolar Ridge Defects
- Complications of Maxillary Alveolar Ridge Augmentation Surgery

Tuition: $2995 US
To register, or for more information call 727-781-0491 or go to www.PikosUrban.com
Pikos Symposium

2019

Clinically Relevant & Evidence Based

Full Arch Immediate Implant Reconstruction: State of the Art

Featuring 15 of the World’s Master Clinicians!

Dr. Enrico Agliardi
Dr. Carlos Aparicio
Dr. Steven Bongard
Dr. Gioacchino Cannizzaro
Dr. Marco Degidi

Dr. George Duelleo
Dr. Yong-Han Koo
Dr. Michael A. Pikos
With
Dr. Philip Hedger

Dr. Alessandro Pozzi

Dr. George Romanos
Dr. Costa Nicolopoulos
With
Dr. Petro Yuvanoglu

Dr. Saj Jivraj
With
Dr. Hooman Zarrinkelk

Optional Hands-on Workshops by:
- Dr. Michael A. Pikos & Dr. Philip Hedger
- Dr. Saj Jivraj & Dr. Hooman Zarrinkelk
- Dr. Costa Nicolopoulos & Dr. Petro Yuvanoglu

Main Session Early Registration: $2695 US | Through May 31, 2019
Main Session Registration: $2995 US | After May 31, 2019

Oct. 10-12, 2019
www.PikosSymposium.com | (727) 781-0491
Video 1: Pedicle Subepithelial Connective Tissue Graft: Flapless Extraction Maxillary Central Incisor with Socket Graft
Features the use of a unique pedicle tunnel connective tissue graft technique in conjunction with flapless extraction of a compromised maxillary central incisor, and simultaneous socket grafting with a mineralized allograft. Detailed step-by-step procurement and placement of a pedicle connective tissue graft is discussed in detail. Recipient and donor site closure will also be covered.

Video 2: Resorbable Mesh/rhBMP-2 Bone Graft for Maxillary Anterior Horizontal Deficiency
Features the use of rhBMP-2/ACS with resorbable mesh (SonicWeld) to correct a horizontal deficiency of the existing atrophic maxillary central incisor sites. Incision design, flap reflection and release, site preparation, along with step-by-step description of the application of rhBMP-2 with SonicWeld mesh will be covered in detail. Soft tissue closure with specific suturing techniques will also be shown.

Video 3: rhBMP-2/Mineralized Allograft/PTFE Membrane Titanium Reinforced with Pro-fix screw fixation for Extraction #30
Patient presented with mandibular right first molar in a failing mode that included periapical pathology and buccal plate loss. Video details surgical tooth extraction along with site preparation and the use of rhBMP-2 and mineralized allograft. It also features the use of a titanium reinforced PTFE membrane with appropriate screw fixation. Finally, it includes detailed soft tissue manipulation and suturing.

Video 4: Ridge Expansion, Anterior Maxilla and Implant Placement with Veneer Bone Graft (rh-PDGF)
Covers a unique step by step surgical protocol of anterior maxillary ridge expansion and simultaneous implant placement. It will include buccal veneer grafting with mineralized allograft and rhPDGF and use of a collagen membrane with fixation. It also features soft tissue flap manipulation and suturing.

Video 5: Sinus Augmentation with rhBMP-2 and Simultaneous Nonsubmerged Implant Placement
Features the use of rhBMP-2 and mineralized allograft for grafting the partially pneumatized left maxillary sinus along with simultaneous placement of a large diameter implant in a non submerged mode into the maxillary left second bicuspid site. The step by step surgical protocol will focus on incision design, lateral window osteotomy, membrane elevation and repair, the use of rhBMP-2 for bone grafts, and simultaneous non-submerged implant placement.

Video 6: Extraction #8 with Socket Graft, PTCTG™ (Pedicle Tunnel Connective Tissue Graft™) and PRF
This video will feature flapless extraction of tooth #8 (maxillary right central incisor) with socket graft and simultaneous placement of a Pedicle Tunnel Connective Tissue Graft (PTCTG™). A detailed step by step description will cover the flapless extraction, use of mineralized allograft (MinerOss®), along with both the harvesting of the Pedicle Tunnel Connective Tissue Graft and placement of this graft in to the facial pouch created at the socket recipient site. Donor site closure will also be featured with use of L-PRF.

Video 7: Mandibular Vestibuloplasty with AlloDerm® and PRF; Simultaneous, Stage Two Implant Surgery
This video will include a step by step protocol of an edentulous mandible vestibuloplasty in preparation for an implant bar supported overdenture. It will feature the use of acellular dermis matrix (AlloDerm), detailed recipient site preparation, the role of radiosurgery and L-PRF.

Video 8: Titanium Mesh / rhBMP-2 Bone Graft for Mandibular Anterior Horizontal Deficiency
This video will feature the use of rhBMP-2/ACS with titanium mesh to augment a horizontal alveolar ridge deficiency associated with two remaining mandibular incisors. Incision design, flap reflection and release, site preparation, along with step by step description of the application of rhBMP-2 and partial allograft/xenograft will be covered in detail. Soft tissue closure with specific suture techniques will also be shown.

Video 9: Titanium Mesh Removal and Implant Placement: Status Post Horizontal Augmentation of the Anterior Mandible
This video will feature a step by step protocol for titanium mesh removal with implant placement of the anterior mandible. A previous video showcased the use of titanium mesh with rhBMP-2 and particulate allograft/xenograft for horizontal alveolar ridge augmentation of the mandibular incisor region. A sequential approach will be described for flap management, titanium mesh retrieval, implant placement and soft tissue closure.

Video 10: Sinus Graft with Immediate Implant Placement
This video will feature a right sinus augmentation with simultaneous placement of two implants in a nonsubmerged mode. Step by step protocols will include incision design, flap management, sinus bone grafting with particulate allograft, xenograft and L-PRF, along with simultaneous placement of two implants nonsubmerged.
2019 COURSE SCHEDULE

Three Day Courses (23 CE Hours)
Four Day Courses (31 CE Hours)

Pikos Institute Courses:

Soft Tissue Grafting for Implant Reconstruction
- May 2 - May 4, 2019 | $4900 US
- September 26 - September 28, 2019 | $4900 US

Alveolar Ridge Strategies: Single Tooth to Full Arch Reconstruction
- April 17 - April 20, 2019 | $6800 US
- November 6 - November 9, 2019 | $6800 US

Sinus Grafting for Implant Reconstruction
- March 7 - March 9, 2019 | $4900 US
- October 17 - October 19, 2019 | $4900 US

Fully Guided Full Arch Immediate Implant Reconstruction (Same Day Teeth®): Prosthetic and Surgical Protocol
- February 7 - February 9, 2019 | $5500 US
- May 16 - May 18, 2019 | $5500 US
- September 12 - September 14, 2019 | $5500 US

Pikos Urban:
Workshops: February 28
Please call for more information on workshops (727) 781-0491

Pikos Symposium 2019: Full Arch Immediate Implant Reconstruction: State of the Art
- General Session: October 10-12, 2019
  Early Registration $2695 US Until May 31, 2019
  After May 31, 2019, Registration $2995 US

ATTENDANCE is LIMITED. Registration is on a first come, first served basis.

First Name ____________________________  Last Name ____________________________
Office Contact ____________________________
Address ______________________________________________________________________
City ____________________________ State ____________ Zip ________________________
Phone ____________________________ Fax ____________________________ Cell ____________________________
E-mail ____________________________
My specialty is:  □ Oral Surgeon □ Periodontist □ General Practitioner
□ Prosthodontist □ Endodontist □ Other ____________

Shirts provided at Pikos Institute Courses Only
Shirt Size:  □ Men □ Ladies
□ S □ M □ L □ XL □ 2XL □ 3XL □ 4XL

□ Total Payment $ __________________
□ Deposit of 50% required; balance will be charged at least 60 days prior to the course.
  Cancellation after 60 days will forfeit any monies paid.
  (Breakfast and lunch included each day)
□ Check enclosed (Made payable to Pikos Institute)
□ Please charge my □ VISA □ MasterCard □ Amex
Credit Card Number ____________________________
Security Code ____________________________ Exp. ____________________________
Credit Card Billing Address ______________________________________________________________________
Signature ____________________________

Fax Registration to (727) 807-6033
To register by phone or, for more information, call (727) 781-0491
Pikos Institute • 8740 Mitchell Blvd, Trinity, FL 34655

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8/1/2017 to 7/31/2019 Provider ID # 218997

Pikos Institute reserves the right to refuse registration and to cancel or modify the conference without prior notice.

Customer Travel Costs: Pikos Institute is not responsible for reimbursing prepaid (including non-refundable) customer travel costs. It is recommended that customers who elect to incur travel costs for a training course, schedule and purchase airfare and hotel accommodations with this in mind.