



PS

Pikos Salama

PARTNERS IN SYNERGY

The Ultimate Graft Course: Hard and Soft Tissue Grafting for Optimal Implant Reconstruction  
June 20-22, 2019 | Ritz-Carlton, Grande Lakes | Orlando, Florida

(727) 781-0491  
[www.partnersinsynergy.com](http://www.partnersinsynergy.com)

# Invitation

Dear Colleague,

We would like to take this opportunity to invite you to participate in our **"Partners in Synergy® - IX"** Grafting Symposium, to be held **June 20-23, 2019** at the beautiful Ritz-Carlton Grande Lakes in Orlando, Florida. The theme of this meeting is: **"The Ultimate Graft Course: Techniques and Biology for Hard and Soft Tissue Grafting for Optimal Implant Reconstruction"**.

Once again, **for the 9th time**, we are extremely proud to collaborate in what we believe will be the best course you can attend to maximize your grafting and implant results. This year we will showcase a comprehensive spectrum of total reconstructive dentistry involving both hard and soft tissue grafting techniques displayed by both an Oral Maxillofacial Surgeon and a dual trained Periodontist/Orthodontist. This rare combination of historically segregated disciplines will once again come together "synergistically" to the benefit of all doctors and attendees. With this being our ninth event, we have further updated our perspectives on modern regenerative dental therapies to include several forms of bioactive modifiers, modern instrumentation, minimally invasive technologies and the future of living cultured cells to assist in rebuilding the scaffold for tooth replacement.

Over the years, many of you have spoken to us individually about the fact that both hard and soft tissue grafting is the decisive factor in being able to perform more implant surgery and being able to benefit more of your patient population. In addition, the current accepted status of grafting is changing at a rapid pace with new technologies being added to established clinical protocols each year, making this course both timely and vitally important to all dentists. With this in mind, we have created a course that will comprehensively cover all aspects of state-of-the-art hard and soft tissue reconstructive dentistry, with the focus on future implant reconstruction, and the ease and long-term maintenance of prosthetic restorations.

The recent growth and patient demand in "MINIMALLY INVASIVE" surgical protocols has led to an evolving landscape in regenerative therapies. At this Synergy event, we will focus on both autogenous and non-autogenous sources for graft selection, specific bioactive modifiers to promote healing, micro-instrumentation with unique flap designs and suturing methods as KEYS to success in this growing area.

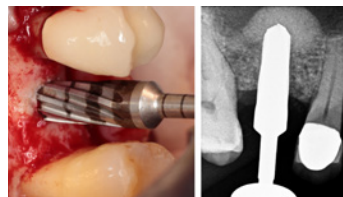
We will share our clinical experiences with you via **wide screen cinematic format** that will include the use of **multiple images** and **video clips**. This three-day, intensive, **total immersion** concept in grafting is aimed at all **disciplines in dentistry**, so please feel welcome regardless of your background. An **optional fourth day hands-on program** is being offered as well that will include **two unique hands-on training courses** featuring a **hard tissue regenerative strategies** course or a **soft tissue tunneling and periodontal plastic surgery grafting course**.

We hope to see you in sunny Florida in June, and welcome you to visit our recently updated website at [www.PartnersInSynergy.com](http://www.PartnersInSynergy.com) to access a preview of the course, a list of the course titles and registration information. **Attendance will be limited** this year to maintain intimacy for all attendees, so please plan ahead.

Respectfully yours,

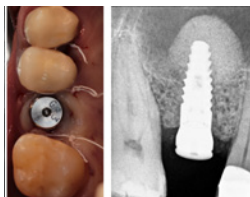
Michael A. Pikos, DDS

Maurice A. Salama, DMD



*"This was my 4th time attending the P&S Orlando Course. At the first breakfast, two doctors questioned why I would come so often, and I explained how the presentation changes each time. The introduction of osseodensification and other new developments in the field always keep me abreast of the newest trends in the field. I look forward to returning in 2019!"*

Dr. Robert Conti – Perio, 2017 Attendee



*"When it comes to all aspects of bone, tissue and implants, there are none better, more experienced and knowledgeable than Team Pikos Salama! The Best!"*

Dr. Burr Bakke – GP, 2011 Attendee



**Dr. Michael A. 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 also the first recipient of the Carl E. Misch Advanced Dental Implant Studies Education Award (2017).

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.

He is an international lecturer, well published author and CEO/Founder of the Pikos Institute (1991) with alumni that now number more than 4000 from all 50 states and 43 countries. Dr. Pikos has extensive experience with hard and soft tissue procedures for implant reconstruction and emphasizes interactive CT technology along with key prosthetic and biomechanical principles that dictate long term success of comprehensive implant rehabilitation.



**Dr. Maurice A. Salama** completed his undergraduate studies at the State University of New York at Binghamton in 1985, where he received his B.S. in Biology. Dr. Salama received his D.M.D. from the University of Pennsylvania School of Dental Medicine where he later also received his dual specialty certification in Orthodontics and Periodontics, as well as implant training at the Brånemark Center at Penn. He is currently on the Faculty of the University of Pennsylvania and the Medical College of Georgia as Clinical Assistant Professor of Periodontics, and is a visiting Professor of Periodontics at Nova Southeastern University in Florida.

Dr. Salama has completed an ADA accredited hospital-based General Practice Residency at Maimonides Medical Center in New York City. He has had the opportunity to further broaden his clinical horizons through externships at Hadassah Hospital, Hebrew University in Jerusalem and Beth Israel Hospital in New York City in 1988, and has been a contributor to the dental literature. His very unique background includes specialized training in Orthodontics, Periodontal Surgery, and Implant Dentistry.

Dr. Salama is a partner in the Atlanta Esthetic Dental Practice known as "Team Atlanta". His partners include Dr. David Garber, Dr. Ronald Goldstein and his brother, Dr. Henry Salama. This group has an international reputation for interdisciplinary care, dental education and has published hundreds of articles and several text books. Dr. Salama is a featured Xpert content provider and

member of the Scientific Committee of the leading web based dental education site [www.DentalXP.com](http://www.DentalXP.com).

Dr. Salama served as the Dental Expert for Channel 5 Fox TV in Atlanta. He is an active member in the American Academy of Esthetic Dentistry, and the Dentalxp Online Implant Externship program. Recently, Dr. Salama has been a speaker at programs for the Academy of Osseointegration, the American Association of Orthodontists, the American Academy of Periodontology, the American Academy of Esthetic Dentistry, the Interdisciplinary Care Conference presented by five academies, the American Academy of Cosmetic Dentistry and the Dentalxp Global Symposium.



*"I've already said it – you guys are killer. I paid, I came, and it is greater than the sum of its parts – worth every penny". – Dr. Hal Kruegar, OMS, 2011 Attendee*

## **Anatomy and Biology of Bone Grafts**

- Indications/Application of Bone Grafting Techniques
- Interactive CT with Direct Clinical Application
- Tissue Engineering: Clinical Relevance
- Osseodensification: Clinical Relevance
- Hard Tissue Ridge Augmentation
- Autogenous Mandibular Block Grafting
- Sinus Grafting
- Ridge Expansion
- Mesh/Particulate Bone Grafts: Autogenous vs. Allograft vs. Xenograft
- Autogenous Mandibular Block Grafting
- Bioactive Modifiers - PRGF, PRF, rh-PDGF, rhBMP-2

## **Anatomy and Biology of Specific Soft Tissue Grafts**

- Epithelialized Palatal Free Graft (FGG)
- Subepithelial Connective Tissue Graft (CTG)
- Acellular Dermal Matrix (ADM)
- Lateral Pedicle Graft (LPG)
- Pedicle Tunnel Connective Tissue Graft (PTCTG)
- Semi-Lunar Graft (SLG)
- Papilla Grafting
- Inlay/Onlay Soft Tissue Grafting for Pontic Sites
- 1<sup>st</sup> and 2<sup>nd</sup> Stage Implant Soft Tissue Procedures
- Pre-Bone Graft Soft Tissue Augmentation

## **Harvesting / Grafting / Suturing**

- Indications / Applications
- Armamentarium
- Step-by-Step Techniques
- Surgical Stents and Biological Glues
- Selecting the Correct Treatment Approach

## **Vertical Bone Augmentation Therapies**

- Orthodontic Extrusion
- GBR with Titanium Membranes
- Mesh / Particulate / Bioactive Modifiers with Emphasis on rhBMP-2
- Onlay Block Grafting

## **Esthetic Zone Reconstruction: The Management of Hopeless Teeth**

- Interactive CT Diagnosis and Treatment Planning
- Extraction Site Treatments
  - Orthodontic Considerations
  - New Extraction Techniques
  - Osseodensification Application
  - Socket Shield Protocol
  - Alveolar Ridge Preservation and Augmentation
  - Pontic Site Development
  - Simultaneous vs. Delayed Implant Placement
- Hard and Soft Tissue Grafting: Staged vs. Simultaneous
- Ridge Expansion
- 3D Ridge Augmentation

## **The Role of Biologic Modifiers**

- Blood Borne: PRGF, PRF, PRP
- Recombinant Proteins: rh-PDGF, rhBMP-2

## **Bisphosphonate Therapy and Bone Grafting**

## **Smile Design and Considerations: The 10 Steps to Esthetic Zone Reconstruction**

- Esthetic Evaluation
- Interactive CT Diagnosis and Treatment Planning
- Additive vs. Resective Therapies
- Crown Lengthening vs. Simple Gingivectomy
- Radiosurgery vs. Lasers
- Root Coverage vs. Ridge Augmentation
- Teeth vs. Pontic vs. Implants and the Role of Bone Sounding
- Prognostic Indicators Based on Clinical Research

## **Case Reports and Treatment Planning Strategies**

## **Problem Solving...The How To's**

## **Complications of Soft and Hard Tissue Grafting**

## **Patient Management Issues**

## **Questions & Answers**

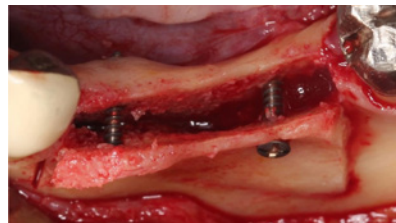
*"Once again Drs. Pikos and Salama have outdone themselves with pertinent, very up-to-date, useful, practical go-use-Monday-at-the-office information. Great tissue management for Oral Surgeons, great bone management for Periodontists and everything in between!"*

Dr. Mark Terry – Perio, 2011 Attendee



*"I attended this meeting 8 years ago, it was one of the best courses I have been to. I still refer back to the notebook. I wanted to return but was concerned it would be the same material. It has all been updated to the most up to date / current treatments out there."*

Dr. Brett Henrikson – OMS, 2017 Attendee

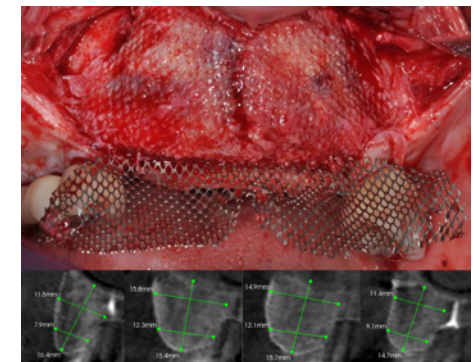
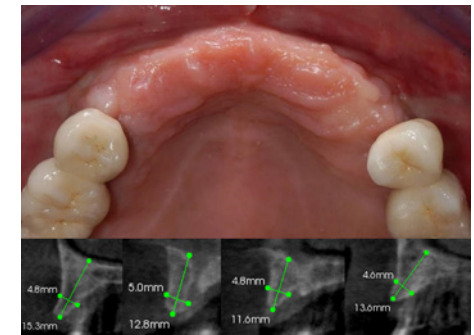


*"This was as good an opportunity for the novice as it was for the experienced practitioner. Drs. Pikos and Salama are consummate teachers who consistently use science and art to stimulate the imagination of the surgeon. This was an outstanding course!"*

Dr. Lee Sheldon – Perio, 2015 Attendee

*"Michael Pikos and Maurice Salama are two of the finest clinicians and educators in dentistry today. They both have that rare ability to be able to share their knowledge in a clear and succinct way while being able to practice what they preach."*

Dr. Dennis Tarnow  
Director of Implant Education at  
Columbia University, College of Dental Medicine



*"This course is a beautiful blend of pertinent, relative literature review and the vast clinical experience of Drs. Pikos & Salama culminating in the best course on the management of the hard and soft tissues for implant reconstruction I have ever attended."*

Dr. Steve Aragon – OMS, 2007 Attendee



## Ritz-Carlton Grande Lakes Orlando, Florida 800•266•9432

Partners in Synergy has contracted again with the Ritz-Carlton Grande Lakes in Orlando for our 2019 event. Be certain to identify yourself as attending the **Partners in Synergy** course to receive the special room rate of \$219 per night. If you would like to make your reservation online go to [www.PartnersinSynergy.com](http://www.PartnersinSynergy.com) and select the "Venue" button. **(Please make your reservation early, as the room block will fill quickly and is filled on a first come, first served basis)**

### Hotel Accommodations Include:

- Five Onsite Restaurants
- Greg Norman-designed 18-hole Championship Golf Course
- Outdoor Heated Pools and Whirlpools
- The Ritz-Carlton Spa
- Lazy River Pool Boat Rides
- Tennis Courts
- Fitness Center
- Jogging Trails
- Sand Volleyball Court



**Attendees will want to fly into Orlando International Airport which is approximately 12 miles from the Ritz-Carlton Grande Lakes.**

**Shuttle Service is not provided.**

Treat yourself to the only true luxury hotel in Orlando, where a picturesque setting, world-class recreational features, immaculate facilities, and unparalleled service come together to create a world-class resort. Experience a new kind of Orlando, set on 500 of Central Florida's most coveted acres at the Headwaters of the Everglades. The Ritz-Carlton Orlando is inspired architecturally by the grand palazzos of Italy and offers virtually every conceivable indulgence.

### The Ritz-Carlton Spa

Discover the healing powers of citrus-inspired beauty treatments amid a lush garden landscape. Lose your cares in The Ritz-Carlton Spa® Orlando, Grande Lakes featuring 40,000 square feet dedicated to rejuvenation. This unique Orlando spa offers a relaxing retreat from the world outside - a place where the sense of touch can relax the spirit and refresh the soul. Open for the enjoyment of hotel guests, event attendees, and Orlando residents alike, The Spa offers a variety of soothing indulgences.



### Championship Golf Course

Experience a challenging and beautiful Orlando golf course with unprecedented personal attention. Be our guest at The Ritz-Carlton Golf Club® Orlando, Grande Lakes and experience the thrill of an 18-hole, par-72 Greg Norman Signature Golf Course, set in a natural world of wonder and seclusion. Set within the pristine Headwaters of the Florida Everglades and surrounded by magnificent pines, palmettos, and live oaks, this distinguished Orlando golf resort offers a luxury experience unlike any other in the area.



### Private Guided Eco-Tours on Shingle Creek

Traveling back in time on Shingle Creek, guests will enjoy a two-hour Guided Canoe and Kayak Eco-Journey. Our Water Guides will tell you the story of Shingle Creek and all its inhabitants while paddling through scenic old Florida. Includes use of all water craft, equipment, and safety gear for your travels.



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

## **Day 1: Hard Tissue Reconstruction**

Understand the principles of tissue engineering, bone grafting and osseointegration.

Describe the anatomy, biology, wound healing and timing of bone grafting, and host response to surgery.

Describe the importance of flap design and soft tissue manipulation for successful bone grafting.

Understand and apply the principles of interactive CT diagnosis and treatment planning for soft tissue and hard tissue grafting procedures.

Successfully place implants into patients with compromised hard and soft tissue anatomy.

Describe indications and step-by-step surgical protocols for mandibular block grafting, mesh particulate grafting, ridge expansion, and sinus grafting.

Understand the expanding application of rhBMP-2/ACC with intraoral bone grafting.

Understand the role of mandibular block grafts, mesh particulate grafts, and ridge expansion in treating the deficient alveolar ridge.

Understand predictable bone grafting protocols for vertical ridge augmentation.

Understand the surgical protocol for sinus bone grafting in the presence of pathology.

Conclude what is evidence-based and what is opinion with regard to state-of-the-art autogenous block grafting, mesh particulate grafting, ridge splitting, and sinus grafting.

Understand the utilization of ultrasonic and piezosurgical approaches to different regenerative techniques including: bone harvesting, autogenous block grafting, ridge splitting, sinus grafting, and osteotomy preparation.

Prevent, recognize, and treat mandibular block graft, mesh particulate graft, ridge split, and sinus graft complications (intraoperative, early post-operative and late post-operative).

Understand the protocol for Guided Full Arch Immediate Reconstruction procedures.

Understand the implications and timing of bisphosphonate therapy with bone grafting and implant treatment.



## **Day 2: Soft Tissue Reconstruction**

Describe the anatomy, biology, wound healing and timing of soft tissue grafts, and host response to surgery.

Develop the most appropriate flap design to maximize blood supply for each procedure.

Describe the guidelines, indications, and surgical protocols for performing the following procedures: gingival grafts, subepithelial connective tissue grafts, and acellular dermis matrix allografts.

Understand the long-term results and utilization of allograft ACDM vs. autogenous soft tissue material for gingival augmentation (i.e., Alloderm, dermis, pericardium).

Minimally Invasive Flap designs, suturing techniques, VISTA, Tunnel and Modified Semi-Lunar CAF techniques.

Be able to perform common first and second stage implant soft tissue procedures to optimize esthetics and long-term maintenance.

Use appropriate suture and suturing techniques related to soft tissue and hard tissue grafting.

Understand and apply the most recent research regarding the utilization of Allogeneic Cultured Keratinocytes and Fibroblasts for Oral Soft Tissue Regeneration and their utilization in modern clinical practice.

Understand and utilize autologous blood-borne bioactive modifiers for optimal regenerative results.

Develop the skill to advance flaps through split thickness and periosteal sharp dissection.

Prevent, recognize, and treat complications related to soft tissue grafting.



## **Day 3: Esthetic Zone Reconstruction**

Understand, describe, and utilize the appropriate surgical and prosthetic principles involved for comprehensive site development in the esthetic zone.

Understand comprehensive extraction site management – predictable and evidence based.

Describe indications and protocols for immediate vs. delayed implant placement in the esthetic zone.

Sunday, June 23, 2019 – 8am to 12pm *(Separate Registration is Required)*

## Optional Program: Limited Attendance Hands-On Training

### Hard Tissue Regenerative Strategies: Alveolar Ridge/Mesh Particulate, and Sinus Grafting with Dr. Michael A. Pikos

This unique clinically based hands-on technique course will draw on the speaker's 35 year experience with bone grafting, and will feature two distinct and valuable mini lecture/ hands-on bone grafting protocols:

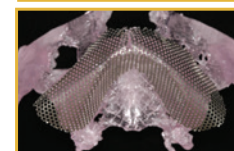
1. Titanium mesh and PTFE membrane particulate grafting
2. The Pikos membrane repair protocol for large and totally perforated maxillary sinuses.

Flap design, soft tissue management and comprehensive site development will be covered, along with a sequential CBCT and clinical evaluation protocol for all grafting modalities.

#### Objectives:

- To learn the application of titanium mesh and titanium reinforced PTFE membranes with particulate grafting for alveolar ridge augmentation.
- To learn the surgical protocol of the Pikos membrane repair technique for large and totally perforated sinus membranes.

**Pikos Workshop: 2 hours lecture, 2 hours participation AGD Subject Code 690**



### Critical Soft Tissue Techniques: A Hands-On Course by Dr. Maurice A. Salama

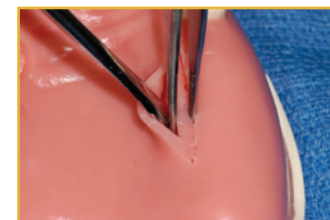
Part and parcel of a thorough dental evaluation today is determining the gingival phenotype of the individual. Thickness of the gingiva, zone of attached tissue, and tissue color all play important roles in developing the long-term health and esthetics in dental treatment of any kind. The exact determination of the location of the underlying bone acts as a prognostic indicator of future soft tissue levels.

Soft tissue grafting techniques, new regenerative materials and bioactivators will be highlighted. The expanding role of allograft materials (Alloderm, dermis, pericardium) and when to utilize them will be suggested. The ability of these combined protocols to alter the soft tissue profile around natural teeth, implants, and edentulous ridges, as well as to support facial soft tissue structures, will be reviewed as to their critical role in "Complete Esthetics".

This hands-on course will highlight the three most utilized soft tissue procedures in clinical practice, the ridge augmentation technique for pontic site/implant site enhancement, autogenous palatal CTG harvest and the periodontal microsurgical "tunnel" root coverage procedures. It will teach in detail and simplify the process of site evaluation, critical anatomy, flap design, harvest techniques and suturing.

#### Objectives:

- To learn basic surgical anatomy, incisions, and tunnel techniques in soft tissue surgery.
- To apply three commonly-used soft tissue grafting techniques in clinical practice.
- To learn critically important modified suturing methods to secure flaps and grafts.



**Salama Workshop: 2 hours lecture, 2 hours participation AGD Subject Code 490**

# Partners In Synergy – Registration Form

June 20 - 22, 2019 – Ritz-Carlton at Grande Lakes, Orlando, Florida

---

## Registration Information

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Region \_\_\_\_\_ Zip/Postal \_\_\_\_\_ Country \_\_\_\_\_

Work Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail Address (required for confirmation) \_\_\_\_\_

I am a (an): ☐ Oral Surgeon ☐ Periodontist ☐ Prosthodontist ☐ General Dentist ☐ Endodontist ☐ Other \_\_\_\_\_

---

## Course Selection

- ☐ Please register me for Partners in Synergy, June 20 - 22, 2019 in Orlando, Florida – 25 CE hours  
\$3500 Early registration prior to February 15, 2019 - (\$3950 after February 15, 2019)

Optional Limited Attendance Sessions - June 23, 2019, 8am to 12pm - \$995 – 4 CE hours

### **Hands-On Grafting (Choose only one)**

- ☐ Michael A. Pikos, DDS - Alveolar Ridge Augmentation: Hands-On Bone Grafting  
☐ Maurice A. Salama, DMD - Critical Soft Tissue Techniques: A Hands-On Course



Approved PACE Program Provider  
FAGD/MAGD Credit  
Approval does not imply acceptance  
by a state or provincial board of  
dentistry or AGD endorsement  
8/1/2017 to 7/31/2019 Provider ID # 218997

---

## Payment Information

Card Holder Name \_\_\_\_\_ Card Number \_\_\_\_\_

Card Type ☐ MasterCard ☐ Visa ☐ Amex Security Code # \_\_\_\_\_ Expiration Date \_\_\_\_\_

Credit Card Billing Address \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

If paying by credit card you can fax the Registration Form to: (727) 807-6033 or call (727) 781-0491 to register by phone.

If paying by check, please make payable to: "Partners In Synergy" and mail with this form to :

**Partners in Synergy, 8740 Mitchell Blvd, Trinity, Florida 34655**

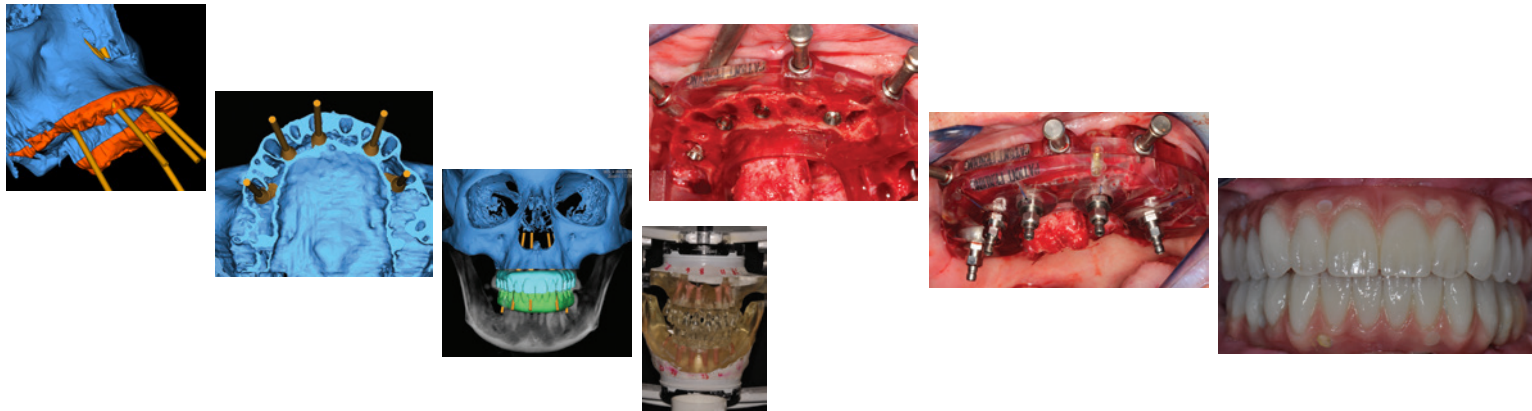
*Cancellations must be made in writing by May 1, 2019 to receive a refund. After May 1, 2019 there will be a \$1000 cancellation fee. A \$25 administrative fee will be charge for substituting a registrant. Customer Travel Costs: Partners in Synergy is not responsible for reimbursing prepaid (including 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.*

Partners in Synergy  
8740 Mitchell Blvd  
Trinity, Florida 34655  
(727) 781-0491  
PartnersinSynergy.com



*"Michael Pikos and Maurice Salama are an unbeatable combination for teaching current concepts in bone and soft tissue grafting for the best implant outcomes in difficult settings. Each is an experienced and talented clinician who presents practical solutions for complex problems. Their expertise in interdisciplinary treatment planning combined with their surgical skills and teaching abilities make for a unique learning opportunity."*

Dr. Pat Allen, Founder of the Center for Advanced Dental Education



*"Partners in Synergy is like having Thomas Edison, Albert Einstein, Michelangelo and Picasso together in one course. Experience, science, knowledge and beauty combined to create the ultimate "state-of-the-art" masterpiece."*

Dr. Jimmy Londono – Prosth, 2009 Attendee