

Pikos Symposium

CLINICALLY RELEVANT & EVIDENCE BASED

2025

Full Arch Immediate Reconstruction

Pearls, Protocols, Problems

October 2-4, 2025

Optional Hands-on Workshops, October 1, 2025



Dr. Michael A.
Pikos



Dr. Vishtasb
Broumand



Dr. Safa
Tahmasebi



Dr. Dan
Holtzclaw



Dr. Alex
Fibishenko



Dr. Andrey
Trokhalin



Dr. Costa
Nicolopoulos



Dr. Naif
Sinada



Dr. Eduardo
Nicolaievsky



Dr. Pedro
Rodrigues



Dr. Guy
McLellan



Dr. Carlos
Aparicio

Register at www.pikosinstitute.com

This lecture, hands-on and peer discussion based program is suitable for all dentists regardless of prior experience.



Pikos Symposium 2025: Full Arch Immediate Reconstruction: Pearls, Protocols, Problems

A groundbreaking event where **12 world-renowned Master Clinicians** reveal their surgical and restorative protocols in an engaging, interactive format. Each speaker gets two hours to deep-dive into their expertise, with 20 minutes of direct Q&A, ensuring a dynamic and immersive learning experience. Whether you're an entry-level or advanced clinician, you'll gain cutting-edge, evidence-based strategies covering the full spectrum of freehand, analog, and fully guided immediate full-arch reconstruction.

Elevate your practice with the latest innovations in surgical and prosthetic excellence!



Key topics include:

Advanced Surgical Techniques

Mastering innovative methods for full-arch immediate reconstruction.

Prosthetic Protocols

Developing effective strategies for immediate loading and long-term success.

Complication Management

Identifying and addressing potential challenges in full-arch procedures.

Digital Workflow Integration

Leveraging digital tools to enhance surgical precision and efficiency.

Soft Tissue Management

Optimizing soft tissue outcomes for improved aesthetics and function.

Bone Grafting Innovations

Exploring the latest advancements in bone augmentation techniques.

Patient Selection Criteria

Emphasizing the importance of teamwork among dental professionals for optimal patient

Long-Term Maintenance

Implementing protocols to ensure the durability of full-arch restorations.

Case Studies and Clinical Outcomes

Analyzing real-world cases to extract practical insights.

Interdisciplinary Collaboration

Emphasizing the importance of teamwork among dental professionals for optimal patient

Hosted by

Dr. Michael A. Pikos

Dr. Michael A. Pikos is a globally recognized oral and maxillofacial surgeon specializing in dental implant surgical reconstruction. A graduate of The Ohio State University, he founded Coastal Jaw Surgery in 1983 and later established the Pikos Institute, where he has trained over 7,000 clinicians worldwide. With more than 35,000 implants placed, he is a pioneer in hard and soft tissue grafting. A diplomate of multiple organizations, award-winner of several prestigious industry awards, Dr. Pikos continues to lecture internationally and is the author of Bone Augmentation in Implant Dentistry.

Register at pikosinstitute.com

Full Schedule

Course Agenda

Pre-Con Hands-on Workshops: Wednesday – October 1, 2025

Time	Instructor	Details
8:00 AM – 12:00 PM	Dr. Vishtasb Broumand	Digital Workflow for the Full Arch Reconstruction
8:00 AM – 12:00 PM	Dr. Dan Holtzclaw	Pterygoid, Zygomatic, and Transnasal Dental Implants – Hands on Workshop
1:00 PM – 5:00 PM	Dr. Alex Fibishenko	Zygomatic Implant Placement on a Printed Model Simulating a Real-Life Case
1:00 PM – 5:00 PM	Dr. Andrey Trokhalin	Transnasal and Transsinus Technique
1:00 PM – 5:00 PM	Dr. Costa Nicolopoulos	Pterygoid Implant Therapy - How & Why

Day 1: Thursday – October 2, 2025

Time	Activity/Lecturer	Details
6:30 AM – 7:30 AM	Registration/Breakfast	
7:30 AM – 8:00 AM	Introduction	
8:00 AM – 10:00 AM	Dr. Naif Sinada	FP-1: A Comprehensive Surgical and Restorative Workflow
10:00 AM – 10:30 AM	Break	
10:30 AM – 12:30 PM	Dr. Safa Tahmasebi	Managing Full-Arch Implant Failures: Advanced Surgical Solutions with Remote Anchorage
12:30 PM – 1:45 PM	Lunch	
1:45 PM – 3:45 PM	Dr. Pedro Rodrigues	Full Arch Immediate Implant Reconstruction: Non-Zygomatic Treatment
3:45 PM – 4:15 PM	Break	
4:15 PM – 6:15 PM	Dr. Andrey Trokhalin	Transnasal Implants: Alternative to Quad Zygoma
6:30 PM – 7:30 PM	Welcome Reception	

Day 2: Friday – October 3, 2025

Time	Activity/Lecturer	Details
7:00 AM – 8:00 AM	Breakfast	
8:00 AM – 10:00 AM	Dr. Eduardo Nicolaievsky	Full Arch Dynamic Navigation: A Treatment Philosophy
10:00 AM – 10:30 AM	Break	
10:30 AM – 12:30 PM	Dr. Alex Fibishenko	Zygoma Precision + Immediacy: Prosthetically-Driven Adaptations of Zygomatic Implants and Immediately Fitted Final Prostheses
12:30 PM – 1:45 PM	Lunch	
1:45 PM – 3:45 PM	Dr. Guy McLellan	Full Arch Implant Therapy: Importance of Biomechanical Principles
3:45 PM – 4:15 PM	Break	
4:15 PM – 6:15 PM	Dr. Carlos Aparicio	The ZAGA concept for Zygomatic Implants: Why is it the Current Gold Standard for Treating Severe Maxillary Atrophy?

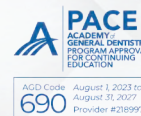
Day 3: Saturday – October 4, 2025

Time	Activity/Lecturer	Details
7:00 AM – 8:00 AM	Breakfast	
8:00 AM – 10:00 AM	Dr. Michael A. Pikos	Complications of Zygomatic Implant Therapy: 2025 – Prevention, Recognition, Treatment
10:00 AM – 10:30 AM	Break	
10:30 AM – 12:30 PM	Dr. Costa Nicolopoulos	Complications of Full Arch Implant Reconstruction Therapy
12:30 PM – 1:45 PM	Lunch	
1:45 PM – 3:45 PM	Dr. Vishtasb Broumand	Complications of the Full Arch Implant Reconstruction
3:45 PM – 4:15 PM	Break	
4:15 PM – 6:15 PM	Dr. Dan Holtzclaw	Full Arch Immediate Implant Therapy Complications - The PATZI and HESIAN Protocols

Register at pikosinstitute.com

October 2, 2025
Thursday

Expanded abstracts
available at
pikosinstitute.com



**Dr. Naif
Sinada**

FP-1: A Comprehensive Surgical and Restorative Workflow

8:00 AM – 10:00 AM

Rapidly evolving dental technology is making full mouth implant rehabilitation easier for practitioners, while making it more accessible to the masses. This consequently comes with the challenge that treatment planning/execution is not uniform for providers nationally (and globally). This presentation will discuss an individualized approach to implant rehabilitation ranging from the fundamentals of treatment planning to the intricacies of an FPI implant rehabilitation.

Learning Objectives:

- Understand the traditional prosthetic approaches to full-mouth reconstruction
- Appreciate the evolution of prosthetic (and surgical) workflows within the modern digital era
- Identify the different applications of a modern workflow for both surgical and prosthetic applications in full-mouth reconstructions



**Dr. Safa
Tahmasebi**

Managing Full-Arch Implant Failures: Advanced Surgical Solutions with Remote Anchorage

10:30 AM – 12:30 PM

All-on-X full-arch rehabilitation offers reliable functional and aesthetic results for edentulous patients, but complications such as implant failure, bone loss, and peri-implantitis can demand advanced surgical management. When conventional implant sites are no longer usable, remote anchorage using zygomatic, pterygoid, or transnasal implants provides a stable alternative. This lecture covers diagnosing and managing All-on-X failures, indications for remote fixation, and key surgical techniques. Emphasis will be placed on patient selection, risk assessment, and strategies for long-term success, supported by case studies and evidence-based insights.

Learning Objectives:

- Recognize common All-on-X complications and their causes.
- Understand when to consider remote anchorage solutions.
- Learn the surgical principles of zygomatic, pterygoid, and transnasal implants.
- Plan treatments that reduce risk and enhance long-term results.
- Apply case-based strategies for managing and preventing complications.



**Dr. Pedro
Rodrigues**

Full Arch Immediate Implant Reconstruction: Non-Zygomatic Treatm

1:45 PM – 3:45 PM

This lecture we will share the FullArchPlus concept, emphasizing a straightforward and efficient approach to immediate loading and feature key success factors to optimize both esthetic and functional outcomes. We will go through this innovative protocol addressing both standard and extremely atrophic maxillary cases while effectively avoiding the need for zygomatic implants. It will feature a unique palatal approach, use the paranasal bone, and the Golden Triangle along with the use of Pterygoid implants.

Learning Objectives:

- Understand the Full ArchPlus concept to optimize both esthetic and functional outcomes
- Evaluate and identify palatal approach applications



**Dr. Andrey
Trokhalin**

Transnasal Implants: Alternative to Quad Zygoma

4:15 PM – 6:15 PM

Transnasal implants allow avoiding complications associated with the Quadro Zygoma protocol, as well as expanding the rehabilitation options for patients with complete atrophy of the upper jaw, for whom the placement of four zygomatic implants is contraindicated. The use of transnasal implants is more physiological than the placement of a medial zygomatic implant, has better conditions for the adaptation of soft tissues, and, according to available statistics, has fewer complications.

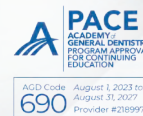
Learning Objectives:

- Understand the anatomy of the nasal cavity and paralacrimal zone
- Understand the basic principles of planning and placing transnasal implants, as well as dealing with complications
- Understand how to use the transnasal technique in full arch re-implant treatment

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October 3, 2025
Friday

Expanded abstracts
available at
pikosinstitute.com



**Dr. Eduardo
Nicolaievsky**

Full Arch Dynamic Navigation: A Treatment Philosophy

8:00 AM – 10:00 AM

Dynamic Full arch immediate implant surgery techniques will be covered specifically the planning and delivery process of using computer-guided navigation system to assist during dental implant placement procedures. Expect to learn how to utilize Dynamic Navigation to address digital management protocols, predictability and

Learning Objectives:

- Incorporate basics of Dynamic Navigation to the prosthetic and surgical armamentarium
- Demonstrate the digital flow management, a restorative driven concept, from the data acquisition to planning and the delivery process
- Discuss the predictability of the dynamic navigation concept
- FPI design; minimally invasive surgical vision will be addressed
- Advantages of dynamic photogrammetry and basic photogrammetry



**Dr. Alex
Fibishenko**

Zygoma Precision + Immediacy: Prosthetically-Driven Adaptations of Zygomatic Implants and Immediately Fitted Final Prostheses

10:30 AM – 12:30 PM

The focus of oral rehabilitation should always be the outcome, not any specific method or materials. Zygoma implants offer an ability to overcome certain limitations, but involve advanced invasive surgery which, when necessarily focusing on technique alone, may lead to poor prosthetic outcomes in terms of cleanliness, comfort and restorability. This program will explore the efficacy of Fibishenko's approach to Zygomatic implants and combination of other advanced yet predictable surgical and restorative techniques as a means to control the

Learning Objectives:

- Understanding maxillary anatomy in deciding on the safest and most predictable prosthetically-driven approach to place zygomatic implants
- Drilling protocol to control the osteotomy for precision with Zygomatic implant placement
- Understanding how to control adaptation through biomechanical considerations including using immediate finals



**Dr. Guy
McLellan**

Full Arch Implant Therapy: Importance of Biomechanical Principles.

1:45 PM – 3:45 PM

In full-arch implant therapy, biomechanical principles focus on optimizing stress distribution and minimizing overloading to ensure the long-term success of implant-supported restorations. By identifying soft tissue, bone quality, maxillary sinus and zygoma classifications, an appropriate implant pathway and surgical approach can be determined.

Learning Objectives:

- Modified Bone Zone Classification to assist in prescribing appropriate treatment options
- Understanding ZAGA classifications and their impact on techniques to maximize bone-to-implant contact
- Use of Additional Implants: This includes the considerations for pterygoid, pyriform, and trans-nasal implants
- Soft Tissue: A decision-making tree to guide surgeons in selecting the most appropriate soft tissue incision based on the intended surgical technique



**Dr. Carlos
Aparicio**

The ZAGA Concept for Zygomatic Implants: Why is it the Current Gold Standard for Treating Severe Maxillary Atrophy?

4:15 PM – 6:15 PM

Zygomatic implants are currently a reliable, predictable, and long-lasting solution for the rehabilitation of severe maxillary atrophy. The surgical procedure for successful treatment with zygomatic implants is based largely on a thorough knowledge of the patient's specific anatomical situation and its relationship with the biomechanics of the zygomatic implant; awareness of possible complications, preventing them from the outset; in adapting surgical protocols to each patient and each case; as well as in choosing the most appropriate material and designs for treatment.

Learning Objectives:

- Understand the fundamentals of the ZAGA concept
- Understand how to prevent complications
- Understand the biomechanics of the zygomatic implant

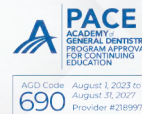


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October 4, 2025

Saturday

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Dr. Michael A.
Pikos

Complications of Zygomatic Implant Therapy: 2025 – Prevention, Recognition, Treatment

8:00 AM – 10:00 AM

Zygomatic implants have proven to be a reliable and predictable solution for severe maxillary atrophy as per a number of long-term studies. There are, however, complications that are associated with this technology. This presentation will focus on intraoperative, early and late postoperative complications that are associated with zygomatic implant therapy. Prevention, recognition and treatment of these problems will be covered in detail. Emphasis will be on addressing the prevention and treatment of the most commonly seen complications.

Learning Objectives:

- Understand and recognize intraoperative, early and late post op zygomatic implant complications.
- Understand and treat intraoperative, early and late post op zygomatic implant complications.
- Understand strategies to prevent intraoperative, early and late post op zygomatic implant complications.



Dr. Costa
Nicolopoulos

Complications of Full Arch Implant Reconstruction Therapy

10:30 AM – 12:30 PM

Over time the percentage of dental implant complications & failures increases because of biological and technical issues. As prevention is better than cure clinicians need to be able to identify high risk patients & take the necessary steps and precautions to prevent these complications. Inevitably however complications will occur, and the most predictable management appears to be implant removal & replacement. The aim of this lecture is to describe an atraumatic method & treatment modality in dealing efficiently with these cases.

Learning Objectives:

- Identify high risk patients for complications
- Take the necessary steps to prevent complications
- Identify atraumatic methods of removing failed implants
- Become familiar with the concept of immediate replacement of failed implants and the protocol of immediate loading of replaced implants
- Identify cases where immediate replacement is not possible, and a delayed protocol is indicated



Dr. Vishtasb
Broumand

Complications of Full Arch Implant Reconstruction

1:45 PM – 3:45 PM

Full arch implant reconstruction therapy offers a predictable and effective solution for edentulous patients, providing improved functionality and aesthetics. However, the complexity of these treatments, which often involve the use of endosseous, zygomatic, pterygoid, and subperiosteal implants, presents a range of potential complications that can impact both short-term and long-term outcomes. This lecture explores the various complications, risk factors and prevention strategies associated with each implant type in full arch reconstructions.

Learning Objectives:

- Understand the various types of complications including reconstruction therapy, including surgical, prosthetic, and biological issues
- Identify patient-related risk factors and procedural factors that may increase the likelihood of complications during and after the procedure
- Discuss preventive measures for complications, including proper patient selection, pre-operative planning, and post-operative care protocols



Dr. Dan
Holtzclaw

Full Arch Immediate Implant Therapy Complications - The PATZI and HESIAN Protocol

4:15 PM – 6:15 PM

All-On-X implant procedures have a 20+ year history of successful performance. But mid to long term studies have shown trends of increasing failure rates for conventional implants in such cases. The Hypozygal Extrasinus Infratemporal Anchorage (HESIAN) zygomatic implant protocol is a highly advanced method which can rescue these cases. In addition to reviewing the principles of the PATZI protocol, this lecture will describe the HESIAN protocol, its indications, and provide an analysis of multiple cases with up to 3 years of follow up.

Learning Objectives:

- Understand the PATZI protocol and its applications
- Understand the HESIAN protocol and its applications
- Understand how to recognize and appropriately treat full arch implant complications.

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Our Testimonials

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If you are looking for a well-organized, optimally structured, no “sales pressure” from exhibitors, amazing AV quality, and awesome lectures series, the Pikos Symposium is your one-stop shop.

Dr. Sharam S. Abbott,
Periodontist

“

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

Dr. Rick Hurst,
Oral Maxillofacial Surgeon

“

That the quality of education here is unmatched. There's nothing that can compare to this, and that's why I travel across the nation to come.

Dr. Joshua Ignatowicz,
General Dentist



“

Dr. Pikos' educational symposium and courses are always very informative, very well presented and very organized. It is rare to attend a series of lectures that start at 8:00am in the morning and continue through 6:00pm in the evening and not want to miss a single minute!

Dr. Michael Kuzmik,
Oral Maxillofacial Surgeon



“

The amount of knowledge that you learn every symposium is immense. You see so many speakers, there's such a vast amount of knowledge, so it'd be ridiculous not to come every year.

Dr. Chris Martin,
General Dentist

“

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,
Oral Maxillofacial Surgeon

“

The Pikos Institute is an opportunity to learn from people who are masters in the field. Also, I wanted examples of good, great, and even some of the ugly, and I feel like the presenters are awesome at showing us those.

Dr. Laura Mouchaham,
General Dentist

“

It's the best educational experience I've had in all the CEs I've done! It's consistent. You're not going to waste your time or money and that you're going to come back with practical things that you can implement.”

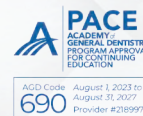
Dr. Andrew M. MacConnell,
General Dentist



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Optional Pre-Conference Workshops

October 1, 2025



Pterygoid, Zygomatic, and Transnasal Dental Implants

Dr. Dan Holtzclaw

8:00 AM - 12:00 PM

4 CE Hours

Remote anchorage techniques including pterygoid, zygomatic, and transnasal dental implants have afforded hope to the most atrophic maxillae. These implants, while highly technique sensitive, have extremely high survival rates when properly performed. In this hands-on workshop, indications and techniques will be reviewed for these remote anchorage implants and participants will place zygomatic, pterygoid, and transnasal dental implants on models.

Learning Objectives:

- Understand proper indications and techniques for pterygoid implant placement
- Understand proper indications and techniques for zygomatic implant placement
- Understand proper indications and techniques for transnasal implant placement

Zygomatic Implant Placement on a Printed Model Simulating a Real-Life Case

| Dr. Alex Fibishenko

1:00 PM - 5:00 PM

4 CE Hours

Dr. Fibishenko will demonstrate and guide participants through the placement of zygomatic implants on a model of a real life case. The x-rays of the case will be discussed in a treatment planning session prior to the model-based surgery. In the remaining time Dr. Fibishenko will undertake a treatment planning workshop for zygomatic implants and will accept cases of participants (to the extent possible) for group

Learning Objectives:

- Evaluate maxillary anatomy and determine the optimal trajectory for zygomatic implants
- Prepare a model with safe and precise implant osteotomy
- Place Zygomatic implants in at least 2 sites, along with standard implants and corresponding abutments for full

Transnasal and Transsinus Technique

Dr. Andrey Trokhalin

1:00 PM - 5:00 PM

4 CE Hours

This in-depth theoretical and hands-on workshop will be devoted to the transnasal and transsinus technique - alternative to the quadro zygoma protocol. These techniques are easier to learn, allow you to avoid complications associated with the quadzygoma protocol, and also expand the possibilities for the rehabilitation of patients with severe maxillary atrophy complications. Gain step-by-step training to expand your treatment options with confidence.

Learning Objectives:

- To study the surgical anatomy of key point zones.
- Understand the indications and contraindications for using these techniques, the basic principles of planning and placing implants step by step. Learn how to choose the right implants for this area
- Understand how to act in case of complications and how to use the transnasal

Digital Workflow for the Full Arch Reconstruction

Dr. Vishtasb Broumand

8:00 AM - 12:00 PM

4 CE Hours

This is a comprehensive, detailed, step-by-step program on restoring full arch Hybrid implant cases using a completely digital workflow. We will teach digital restorative protocols, including intraoral scanning, photogrammetry, 3-D printing of temporary teeth followed by staining and glazing of the teeth. Our simple digital workflow eliminates messy denture conversion and all participants and their staff will actually learn to perform the step by step process to make it possible to perform in their office.

Learning Objectives:

- Determine the treatment plan and select the appropriate patient for digital versus conventional workflows using full-arch implants
- Analyze how to use intraoral scanners to plan and restore All-on-X hybrids without a dedicated lab technician
- Obtain digital impressions for All-on-X procedures without an in-house dedicated lab technician utilizing photogrammetry, grammetry and intraoral scanning
- Examine how to restore full-arch cases with in-office printed temporaries utilizing 3D printers

Pterygoid Implant Therapy - How & Why

Dr. Costa Nicolopoulos

1:00 PM - 5:00 PM

4 CE Hours

Reconstruction of the atrophic maxilla can be challenging due to inadequate quantity and quality of bone often requiring time consuming and costly grafting procedures which can dictate up to a one-year delayed loading protocol. An accelerated treatment protocol with immediate function can be made possible with the use of remote skeletal anchorage using both the Pterygoid process of the Sphenoid and the Zygoma. This in-depth theory & hands on workshop will focus on the up-until-now relatively under-evaluated and under-use Pterygoid implant.

Learning Objectives:

- Have a good understanding of the relevant surgical anatomy for placing Pterygoid implants
- Execute step-by-step the workflow for Pterygoid implant placement
- Recognize and prevent incorrect Pterygoid implant placement & complications

Register for Pre-Conference Workshops and the Symposium at [pikosinstitute.com](https://www.pikosinstitute.com)

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Pikos Symposium

CLINICALLY RELEVANT & EVIDENCE BASED



THE RITZ-CARLTON®

Hotel Accommodations

Pikos Institute has contracted with the **Ritz-Carlton Grande Lakes in Orlando, Florida** to provide a special room rate for our Pikos Symposium attendees of **\$309 US** per night.

For reservations:

Call: **800-266-9432** or Visit: <https://qrco.de/PikosSymposium2025> or scan the QR Code



Mention **"Pikos Institute"** for special room rate. Hotel rooms have been blocked, and reservations at the special symposium rate will be accepted until the cut-off date of September 10, 2025, or until the room block is sold out, which ever comes first. **Therefore, it is recommended that you reserve your room as early as possible.**

Policies

Cancellations must be made in writing by August 2, 2025, to receive a refund. After August 2, 2025 there will be a \$1000 cancellation fee. Workshop tuition is non-refundable after August 2, 2025. A \$25 administrative fee will be charged for substituting a registrant.

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

Pikos Institute

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