



# Rescue the Atrophic Maxilla

## Advanced Live Surgery - Zygomatic, Pterygoid & 2-Piece Zygoma Extension Protocols

35 CE

Zygomatic

Atrophic Maxillary

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DDS

July 13 - 16, 2026 | Monday - Thursday

APCD Regional São Paulo

R. Rondinha, 54-Chacara Ingles, São Paulo-SP, 04140-010, Brazil



### COURSE DESCRIPTION

Rescue the Atrophic Maxilla is a 4-day advanced live surgery program designed for oral and maxillofacial surgeons, periodontists, and general dentist who are ready to elevate their full-arch surgical capabilities to the highest clinical level.

Held in Sao Paulo, Brazil this program places clinicians directly alongside expert faculty in the operating environment. Participants will progress from foundational anatomy and case planning on Day 1 to hands-on live surgery and real-time mentoring across Days 2 through 4, building both the confidence and the technical precision required to manage even the most challenging atrophic maxillary presentations.

With limited enrollment, this course is built for meaningful, individualized engagement. Each participant gains direct access to world-class faculty, live case exposure, and a comprehensive curriculum covering zygomatic and pterygoid implant protocols, quad zygoma concepts, the 2-Piece Zygoma Extension, and infratemporal fossa rescue approaches.

### PROGRAM GOALS

By the end of the course, clinicians will be able to:

- Develop mastery of advanced surgical protocols for the severely atrophic maxilla, moving beyond standard implant placement into complex full-arch reconstruction.
- Build clinical competency in zygomatic and pterygoid implant surgery, including quad zygoma techniques and the 2-Piece Zygoma Extension system.
- Acquire a structured, evidence-based framework for diagnosing, treatment planning, and executing high-risk maxillary cases with predictable outcomes.
- Gain practical experience through chairside mentoring in live surgical settings, reinforcing technique and decision-making in real patient care scenarios.
- Learn rescue strategies for failed and failing maxillary implant cases utilizing the infratemporal fossa approach.

### COURSE DETAILS

Educational Method	Lecture & Participation
Credit Hours	35 CE
AGD Subject Code	690 Implants
Max Participants	10

### TUITION

**\$19,595** Live Surgery Workshop  
**\$7,500** Observer Surgery Workshop

#### Tuition Includes:

- Hotel Accomodations
- All Breakfasts, Lunches, & Dinners
- Transportation between Sao Paulo Airport and Hotel

**Cancellation Policy:** All cancellations incur a non-refundable \$2,500 administrative fee. No tuition refunds are given for cancellations made within 30 days of the program start date. Requests must be submitted in writing to [zygomacourses@gmail.com](mailto:zygomacourses@gmail.com) and are effective upon receipt.

### REGISTRATION

[www.minecamerica.com](http://www.minecamerica.com)

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## ABOUT THE INSTRUCTORS



### Dennis Smiler

DDS, MScD

Dr. Dennis Smiler is an Oral & Maxillofacial Surgeon. He is an internationally recognized expert in implant dentistry and bone grafting and has presented hundreds of lectures worldwide. He is considered to be among the finest and most popular teachers of implant dentistry in the world. He has trained and mentored numerous general practitioners and specialists in the art and science of implant placement techniques and bone graft surgery. As one of the first to establish an international implant seminar and the implant team concept, Dr. Smiler has been teaching implant dentistry and bone grafting for over 25 years.



### Alexander Salvoni

DDS, MScD

Dr. Alexander Salvoni studied Dentistry at Methodist University of Sao Paulo and Oral Pathology at University of Sao Paulo. He is a professor at Paulista Association of Dental Surgeons and is a specialist in implantology. Dr. Salvoni dedicates his career to teaching the new generation of Implantologists. He is an internationally recognized expert on the zygomatic techniques having placed more than 1000 zygomatic implants. He is a coordinator of pos-graduate education in Sao Paulo, Brazil and clinicians from all around the world come to his clinic to learn and practice this technique. Dr. Salvoni a dedicated educator always searching for the best techniques to teach his students and treat his patients.



### Dan Rosen

DDS

Dr. Dan Rosen is an international lecturer and educator on subjects related to implant dentistry and prosthetic rehabilitation of implant supported restorations. He is a graduate of medical school in Bologna, Italy and received Doctor of Dental Surgery from Tel Aviv University, Israel. He is a fellow and diplomate of the International Congress of Oral Implantology and member of the American Academy of Implant Dentistry. Dr. Rosen maintains a private practice in Los Angeles, California and mentors dentists in surgery and treatment related to implants. In addition to English, Dr. Rosen speaks Spanish, Italian, Hebrew, Farsi and Mandarin.

Disclosure: The speakers reports no relevant financial or non-financial conflicts of interest related to the content of this course.



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# COURSE SCHEDULE

## Jul 13 (Mon)

08:00am - 08:30am	Welcome / Program Overview
09:00am - 11:00am	Surgical Anatomy of the Zygomatic Complex, Pterygoid region and infratemporal fossa
11:00am - 12:00pm	Radiographic and CBCT analysis for atrophic maxilla case planning
12:00pm - 01:00pm	Risk zone identification and complication
01:00pm - 01:30pm	Lunch
02:00pm - 03:00pm	Introduction to Zygomatic and Pterygoid implant systems
03:00pm - 04:00pm	Quad Zygoma concepts: Indications and contraindications
04:00pm - 05:00pm	2-Piece Zygoma Extension: Design principles and clinical application
05:00pm - 05:30pm	Model Surgery Workshop: Hands-on planning and simulated placement
05:30pm - 05:45pm	Case Review: Complex maxillary presentations and treatment decisions

## Jul 14 (Tue)

08:00am - 08:30am	Operating room orientation and team protocols
09:00am - 11:00am	Live surgical cases: zygomatic implant placement ( standard and extra-sinus)
11:00am - 01:00pm	Live surgical cases: pterygoid implant placement
01:00pm - 01:30pm	Lunch
02:00pm - 04:00pm	Chairside mentoring with faculty
04:00pm - 05:00pm	Intraoperative case review and real-time technique feedback
05:00pm - 05:45pm	Case debrief / Q&A and complication management discussion

## Jul 15 (Wed)

08:00am - 09:00am	Live surgical cases: quad zygoma placements
09:00am - 11:00am	Live surgical cases: 2-Piece Zygoma Extension device cases
11:00am - 01:00pm	Chairside mentoring and faculty-guided technique refinement
01:00pm - 01:30pm	Lunch
02:00pm - 05:00pm	Intraoperative case review and protocol adaptation
05:00pm - 05:45pm	Advanced case panel review and participant case presentations

## Jul 16 (Thu)

08:00am - 09:00am	Live surgical cases: infratemporal fossa approach for rescue of failed / failing maxillary cases
09:00am - 11:00am	Chairside mentoring on rescue strategy execution
11:00am - 01:00pm	Post-surgical management protocols and follow-up planning
01:00pm - 01:30pm	Lunch
02:00pm - 03:00pm	Comprehensive case review: lessons learned and clinical pearls
03:00pm - 05:00pm	Faculty panel: complex cases / Q&A and participant questions
05:00pm - 05:15pm	Certification Ceremony
05:15pm - 05:45pm	Program Conclusion and Reception



## LEARNING OBJECTIVES

Upon successful completion of this program, participants will be able to:

- Perform comprehensive diagnosis and treatment planning for patients with severely atrophic maxillae, integrating radiographic analysis, anatomical risk assessment, and prosthetic considerations.
- Identify and navigate critical surgical anatomy and risk zones relevant to zygomatic and pterygoid implant placement, including the infratemporal fossa, maxillary sinus, and orbital floor.
- Apply advanced protocols for zygomatic implant placement, including standard, extra-sinus, and intra-sinus approaches, adapting technique selection to patient-specific anatomy.
- Execute pterygoid implant placement with a thorough understanding of angulation, depth, and anatomical landmarks to ensure osseointegration and prosthetic compatibility.
- Implement quad zygoma concepts for fully edentulous patients requiring bilateral zygomatic anchorage, including indications, contraindications, and sequencing.
- Utilize the 2-Piece Zygoma Extension device in clinically appropriate cases, with proficiency in assembly, placement, and angulation correction.
- Develop and execute surgical rescue plans for failed maxillary implant cases using the infratemporal fossa approach and associated techniques.
- Perform model surgery and virtual case planning to rehearse and refine surgical sequences prior to live patient treatment.

## WHO SHOULD ATTEND

This program is designed for licensed dental specialists and clinicians who are actively performing or transitioning into advanced full-arch implant surgery. Ideal candidates include:

- Oral and Maxillofacial Surgeons seeking advanced training in zygomatic and pterygoid implant protocols beyond foundational surgical education.
- Periodontists and General Dentist with experience in full-arch rehabilitation who wish to expand their scope to include severely compromised maxillary cases.
- Prosthodontists collaborating in surgical implant teams who benefit from a deeper understanding of surgical planning and execution for atrophic patients.
- Surgeons who have completed introductory zygomatic implant training and are ready to advance to live surgery experience and complex case management.
- General dentists managing high volume full-arch caseloads who encounter atrophic maxillary presentations requiring solutions beyond standard bone grafting or sinus augmentation.

## REGISTRATION

Enrollment is strictly limited. Early registration is strongly encouraged.

Contact: [zygomacourses@gmail.com](mailto:zygomacourses@gmail.com)

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