

MISCH CURRICULUM



**MAIN IMPLANT
SURGICAL PROGRAM**

IMPLANT SURGICAL PROGRAM

Mastering implant dentistry is the primary focus of this comprehensive course, designed to provide dental professionals with the knowledge and skills required for successfully performing implant treatments in partially edentulous patients. The curriculum encompasses various topics, such as treatment planning, prosthetic considerations, surgical techniques, and the management of clinical complications. Participants will explore single tooth replacement, multiple implant placements in sufficient bone, implant placement with simultaneous grafting, immediate implant placement, and addressing clinical implant complications.

Integral to the course's objectives is enhancing the clinician's understanding of different implant systems, suitable treatment methods for diverse bone densities, and patient-specific factors influencing treatment outcomes. Throughout the sessions, attendees will gain hands-on experience in CT and radiographic interpretation workshops, suturing techniques, and implant insertion using treatment models. The course offers a customizable learning experience, allowing dental professionals to either take the sessions as a series or attend individual classes to advance their skills.

Supporting dental professionals in anticipating and addressing potential complications is another crucial aspect of the course. Issues such as excessive bleeding during surgery, nerve damage, and bone loss during the initial healing process are discussed in detail. Participants will be better prepared to manage clinical scenarios and deliver optimal patient care by offering a comprehensive overview of implant dentistry.

Central to the course's effectiveness is the hands-on lab component, where clinicians can practice the techniques they've learned in a controlled environment. This ensures a well-rounded educational experience, reinforcing the knowledge gained during lectures and demonstrations. Through this practical training, participants will develop their skills and confidence, becoming more adept at managing real-world clinical situations.

Having completed this course, dental professionals will be well-versed in implant dentistry and capable of providing high-quality care to their partially edentulous patients. Combining theoretical knowledge and practical experience ensures that participants leave the course equipped with the necessary tools to succeed in their practice. This comprehensive program is an invaluable resource for any dental professional seeking to expand their expertise.

SESSION 1

EXTRACTION, RIDGE PRESERVATION AND SINGLE IMPLANT PLACEMENT

DAY 1

8:00 AM_ Rationale for implant placement, Patient Selection, and Treatment

Planning. *In this session, attendees will explore the process behind implant placement and the history and evolution of implant placement techniques. Implant design and components will be explored. Science, industry, and patient demands shape how we practice implant dentistry daily.*



Dr. Jonathan Misch
Private Practice, Ann Arbor, MI

09:30 AM_ Extraction sockets. Classification and defect-based treatment. *Participants will delve into the various types of defects and their respective treatment approaches. The session will highlight using different bone grafting materials and membrane technologies backed by relevant studies. Attendees will comprehensively understand how to apply these techniques in clinical practice effectively.*

11:00 AM_ Alveolar Ridge Preservation. *In the Alveolar Ridge Preservation session, attendees will explore the rationale behind preserving the alveolar ridge after tooth extraction. This module will delve into the biological processes involved, the significance of buccal bone thickness, and the advantages of different surgical approaches, such as flap vs. no-flap and open vs. closed techniques. Attendees will learn to assess implant sites and categorize ridge defects, understand different classifications, their impact on implant placement, and the appropriate techniques for managing these challenges.*



Dr. Mauricio Araujo
Program Director, Periodontics
Department, State University of
Maringa, Maringa, Brazil
Private practice, Maringa, Brazil

12:00 PM — — — LUNCH BREAK — — —

1:00 PM_ CLINICAL SESSION_ Hands-on socket grafting in different clinical

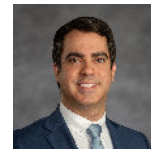
scenarios. *During the Hands-on Socket Grafting session, participants will engage in practical exercises to master various clinical scenarios associated with socket grafting. The session aims to equip dental professionals with the skills and knowledge necessary for successful socket grafting.*



Dr. Jonathan Misch
Private Practice, Ann Arbor, MI

02:30 PM_ Implant Site Evaluation-Anatomical considerations-Surgical

access and incision/flap design. *This session delves into the critical aspects of dental implant placement, focusing on achieving optimal access and designing precise incisions or flaps. Attendees will explore various techniques to minimize tissue damage, promote healing, and ensure the long-term success of implants. Through case studies and practical demonstrations, participants will gain valuable insights and practical knowledge to apply these concepts in their clinical practice effectively.*



Dr. Rafael Siqueira
Program Director, Periodontics
Department, VCU, VA, USA

4:00-6:00 PM_ CLINICAL SESSION_ Flap management and suturing

techniques for Single implant placement. *This session covers the fundamentals of flap design for dental implant placement, including precise mid-crestal and vertical releasing incisions for optimal access and visibility. Participants will learn proper incision planning, flap elevation, and positioning to safeguard vital structures while ensuring a stable surgical field. Essential suture techniques will be demonstrated to promote predictable healing, minimize postoperative complications, and achieve functional and aesthetic outcomes.*

DAY 2

08:00 AM ___ Different imaging modalities. When should you take a CBCT, and how should you interpret it?

The session discusses the different imaging modalities most commonly used for diagnostics for implant placement. We will address why a CBCT scan may be necessary for most implant cases., accompanying a description of the basic handling of CBCT imaging.

10:00 AM ___ Free hand 3D implant placement in abundant bone. *Participants will learn the critical aspects of osteotomy, positioning, and placement in ideal bone conditions. By key elements, attendees will gain valuable insights and practical knowledge to ensure accurate and stable implant positioning. This comprehensive approach will empower dental professionals to optimize outcomes and long-term success in implant dentistry.*

11:00 AM ___ CLINICAL SESSION ___ Freehand 3D Implant Placement in Anterior and Posterior Zones *Participants will practice implant procedures on realistic models in the 3D dental implant placement training session. The training will focus on proper planning, positioning, and drilling techniques for various bone densities. Attendees will be guided by experienced instructors to gain confidence in managing complex implant cases for improved patient satisfaction.*

12:00 PM — — — LUNCH BREAK — — —

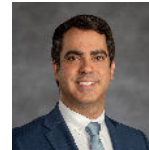
01:00 PM ___ CBCT interactive session + Guided 3D implant placement in abundant bone.

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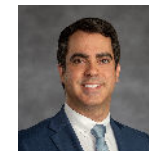
02:30 PM ___ Prosthetic considerations for single implants in abundant bone.

Participants will learn the critical aspects of simple analog and digital impression techniques.

4:00-6:00 PM ___ CLINICAL SESSION ___ Guided 3D implant placement. *This session will introduce participants to guided implant placement techniques using 3D surgical guides for enhanced accuracy and predictability. Attendees will practice guided surgery protocols on models, learning how to integrate digital planning, CBCT scans, and surgical templates for precise implant positioning. The training will highlight the advantages of guided surgery in complex cases, reducing surgical errors and improving patient outcomes.*




Dr. Rafael Siqueira
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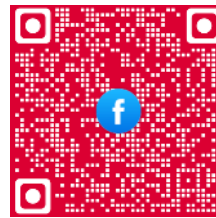
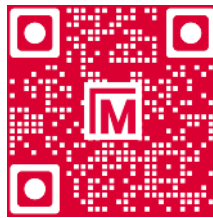
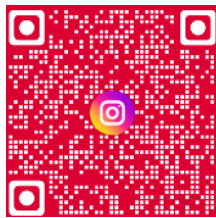
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