

MISCH CURRICULUM



**MAIN IMPLANT  
SURGICAL PROGRAM**

# IMPLANT SURGICAL PROGRAM

**M**astering 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.

**I**ntegral 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.

**S**upporting 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.

**C**entral 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.

**H**aving 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 3

## IMPLANT PLACEMENT WITH SIMULTANEOUS HARD/SOFT TISSUE GRAFTING

### DAY 1

**8:00 AM** \_\_\_\_\_ **Fundamentals of Guided bone regeneration. The 4Bs: Bone boosting breakthroughs basics. Guided Bone Regeneration Unlocked.** *In this session, attendees will learn the core principles of guided bone regeneration, a technique used to promote bone growth for successful dental implant placement. They will explore various methods, materials, and clinical considerations involved in achieving optimal bone regeneration outcomes.*

**10:00 AM** \_\_\_\_\_ **Types of bone substitutes and barrier membranes. Unveiling the Secrets of Bone Grafts, Membranes & Growth Factors.** *Attendees will dive into the fascinating world of bone membranes and growth factors, exploring their various types and unique advantages and disadvantages. This comprehensive overview will empower participants to make informed decisions when utilizing these essential components in dental implant procedures.*

**11:00 AM** \_\_\_ **Case Selection Practice** \_\_\_ *Treatment planing Marathon. Clinical case presentation with attendees competing for best treatment planning options.*

12:00 PM — — LUNCH BREAK — —

**01:00 PM** \_\_\_\_\_ **Staged vs. Simultaneous Guided bone regeneration. How the types of Ridge Defects May dictate the augmentation technique.** *In this session, attendees will explore the various types of osseous defects and learn how to determine the appropriate treatment approach, whether staged or simultaneous. They will gain valuable insights into clinical decision-making processes to ensure optimal patient outcomes.*

**02:00 PM** \_\_\_ **Treatment Planning** \_\_\_ *Treatment planning for Staged vs. Simultaneous Guided bone regeneration with 3DDX.*

**03:00 PM** \_\_\_ **Interactive video** \_\_\_ *Flap design for alveolar bone augmentation.*

**04:00-6:00 PM** \_\_\_ **CLINICAL SESSION** \_\_\_ **Hands-on Flap Techniques and Staged Guided Bone Regeneration on Pig Jaws.** *Attendees will acquire invaluable hands-on experience in placing dental implants within deficient ridges, all while mastering the art of simultaneous bone regeneration. This skill-focused session will give participants the knowledge and confidence to tackle challenging clinical cases in their practices.*



**Dr. Muhammad Saleh**

Assistant Professor, Periodontics  
Department University of  
Michigan, MI, USA  
Private Practice, Birmingham, MI



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Assistant Professor, Periodontics  
Department University of  
Michigan, MI, USA  
Private Practice, Birmingham, MI



**Dr. Jonathan Misch**

Private Practice, Ann Arbor, MI

## DAY 2

**8:00 AM** \_\_\_\_\_ **Maxillary Sinus Anatomy and Special Considerations. Navigating the Maxillary Sinus to Success.** *Attendees will explore the intricacies of maxillary sinus anatomy, gaining crucial knowledge for safe and effective dental implant procedures. They will also learn about special considerations and best practices to avoid complications and ensure optimal patient outcomes..*

**9:00 AM** \_\_\_\_\_ **Short implant vs. Crestal Sinus Lift vs Lateral window. Evidence and Technology have Changed, and so has the Rationale.** *Attendees will explore the intricacies of crestal and lateral sinus lift approaches, learning the rationale behind each method and how to determine the ideal technique for specific patient cases. They will also become proficient in performing various techniques for both approaches, ensuring successful dental implant procedures.*

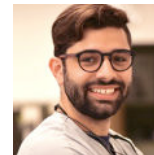
**10:00 AM** \_\_\_\_\_ **Transcrestal sinus lift. Elevating Expertise: Mastering Transcrestal Sinus Lifts.** *Attendees will be guided through the intricacies of performing a transrectal sinus lift using the osteotomes, dedicated kits, and Versa system, enhancing their surgical skills and confidence. They will learn a step-by-step approach to this minimally invasive technique, optimizing patient outcomes in implant dentistry.*

12:00 PM — — LUNCH BREAK — —

**1:00 PM** \_\_\_\_\_ **Lateral sinus lift step by step. A Step-by-Step Guide to Lateral Window Sinus Lifts.** *Attendees will be guided through the intricate steps of lateral window sinus augmentation, a vital procedure for successful dental implant placement in the posterior maxilla. They will learn to navigate anatomical challenges and enhance their surgical expertise in this essential technique.*

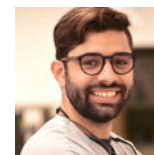
**2:00 PM** \_\_\_\_\_ **Complications related to sinus augmentation. Mitigating Complications in Sinus Augmentation.** *Attendees will explore the potential complications associated with sinus augmentation procedures, gaining invaluable knowledge on preventing and managing these challenges. They will learn best practices and evidence-based techniques to ensure successful implant outcomes while minimizing risks.*

**3:30-6:00 PM** \_\_\_\_\_ **CLINICAL SESSION** \_\_\_\_\_ **Hands-on implant placement with simultaneous crestal sinus floor elevation** *Attendees will immerse themselves in hands-on implant placement, learning the intricacies of simultaneous crestal sinus floor elevation to achieve optimal results. This clinical session will empower participants with the practical skills and knowledge to perform this advanced technique confidently.*



**Dr. Andrea Ravida**

Program Director, Periodontics Department, University of Pittsburgh PA, USA



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