

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 2

## IMPLANT PROSTHETICS AND MULTI- IMPLANT PLACEMENT

### DAY 1

#### 08:00 AM \_\_\_\_\_ Fundamentals of Prosthodontic Rehabilitation, abutment Selection & soft Tissue Management.

*In this session, attendees will gain a comprehensive understanding of stock versus custom abutments, including their indications and material selection. Participants will learn how abutment height, emergence profile, and platform switching influence peri-implant tissue stability and long-term success. Additionally, attendees will explore restoration strategies, understanding their clinical applications and their contribution to esthetic and functional success in single implant restorations.*

**10:00 AM \_\_ Impression Techniques – Digital vs. Conventional Workflow.** *Attendees will understand the key differences between open and closed-tray impression techniques for single implants. The session will also cover the digital scanning workflow, emphasizing accuracy and efficiency in implant impressions. Participants will learn proper selection and positioning of impression copings, along with troubleshooting common errors and distortions to ensure precise prosthetic outcomes.*

**11:00 AM \_\_ Final Prosthesis Design & Delivery Protocols.** *Attendees will gain insights into material selection for single implant restorations, including zirconia, lithium disilicate, PFM, and hybrid options, focusing on durability and esthetics. The session will explore screw-retained versus cement-retained prostheses' indications and clinical outcomes. Participants will also learn key occlusal considerations to enhance long-term implant stability and optimal prosthetic success.*

12:00 PM — — — LUNCH BREAK — —

**1:00 PM \_\_\_\_\_ Surgical implant placement recap, Treatment Planning, and Implant Positioning.** *Attendees will briefly review key principles of surgical implant placement, emphasizing prosthetic considerations, radiographic assessment, and digital planning techniques to enhance surgical accuracy.*

**02:00 PM \_\_\_\_\_ Multiple Implant Placement. Spatial considerations for multiple implant placement and deleterious effects of spatial discrepancies.** *Attendees will explore the crucial aspects of assessing implant sites, emphasizing the distance between multiple implants and tridimensional spacing. This detailed discussion will highlight the importance of adequate 3D spacing for long-term implant stability and avoiding potential complications..*

**03:00-6:00 PM \_\_ CLINICAL SESSION \_\_\_\_\_ Hands-on Practice: Implant Impressions on Models and digital scanning.** *Attendees will gain practical experience in taking accurate implant impressions using both conventional and digital techniques. The session will cover proper handling of impression copings, open and closed tray methods, and digital scanning workflows. Participants will develop hands-on skills to minimize errors, ensure precise implant positioning, and optimize prosthetic fit for successful restorations.*



**Dr. Markus Blatz**  
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Chair of the Preventive and  
Restorative Sciences and  
Professional Development at the  
University of Pennsylvania



**Dr. Jonathan Misch**  
Private Practice, Ann Arbor, MI

# DAY 2

## 08:00 AM \_\_\_\_ The Great Debate. Perio Vs Prosth I: To Splint Or Not to Splint!

### II: How crucial is achieving parallelism?

*In this intriguing session, attendees will explore the ongoing debate between periodontal and prosthodontic approaches to splinting teeth. This engaging discussion will highlight the benefits and drawbacks of both perspectives, examining clinical scenarios and presenting evidence-based arguments. Participants will gain a comprehensive understanding of when to splint.*

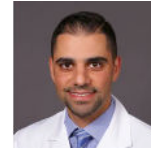


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**10:00 AM \_\_\_\_ Prosthetic Prosthetic remediations for surgical errors. Innovative Prosthetic Solutions for Surgical Slip-ups. Angled implant: Angled abutment.** *In this enlightening session, we will delve into the world of advanced prosthetic technologies designed to address and rectify surgical errors. Join us to explore cutting-edge innovations that improve patient outcomes and revolutionize how we approach surgical complications.*

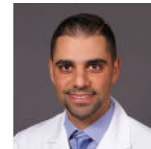


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**11:00 AM \_\_\_\_ Prosthetic considerations for multiple implants in abundant bone.** *Participants will learn the critical aspects of simple analog and digital impression techniques.*

12:00 PM — — LUNCH BREAK — —

**01:00 PM \_Treatment planning for guided overdenture and full arch implant surgery.** *In the CBCT Workflow session, participants will explore utilizing cone-beam computed tomography (CBCT) in dental implant planning. The session will address crucial aspects such as determining when a CBCT scan is necessary and mastering the art of interpreting the acquired images.*



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**3:00-6:00PM \_\_ CLINICAL SESSION \_\_\_\_ Hands-on Guided 3D implant placement for an over denture.** *During the hands-on training session for three-dimensional dental implant placement in abundant bone, participants will engage in practical exercises to develop their skills and confidence in implant procedures. The session will emphasize proper planning, accurate positioning, and precise drilling techniques in various bone densities, focusing on cases with ample bone availability. By working with realistic models and guided by experienced instructors, attendees will gain valuable experience in managing complex implant cases, ensuring successful outcomes and improved patient satisfaction.*