



APPLIED SURGICAL ANATOMY 2026

January 17-19, 2026
Language: English
MARC Institute - Miami, FL

APPLIED SURGICAL ANATOMY 2026

Three-Day Intensive Hands-On Course for Medical Students

This program offers an immersive learning experience that integrates applied anatomy with essential surgical techniques. Participants will work directly with anatomical specimens, performing guided dissections, suturing, and image-assisted procedures under faculty supervision.

PROGRAM OVERVIEW

Target Audience: Medical Students
Location: MARC Institute – Doral, FL
Capacity: 30 participants
Course Language: English
Faculty: Dr. Eduardo Sadao Yonamine
& Dr. Thomas SanGiovanni

Duration: 3-day immersive experience
Dates: January 17, 18 and 19, 2026
Time: 9:00 AM to 4:00 PM
Certification: MARC Institute Certificate of Attendance (non-credit)

Enrollment Fee

General registration: US\$ 2,570.00

Universidade Cruzeiro do Sul students: US\$ 2,150.00*

**A reduced rate applies exclusively to Cruzeiro do Sul University students, as part of the institutional collaboration with the MARC Institute in Brazil.*

Meals are not included. Each participant is responsible for bringing their own food, beverages, and snacks.

LEARNING OBJECTIVES

By the end of the program, participants will be able to:

- Identify key anatomical structures relevant to surgical access and repair
- Demonstrate competence in basic and intermediate suturing techniques
- Apply imaging tools (fluoroscopy, CT) for intraoperative navigation
- Perform guided dissections and procedures on anatomical specimens safely and effectively

Contact Information Email: info@marctraining.com Phone: +1 (305) 716-0966
Address: 8850 NW 20th St. - Doral, FL 33172-260, U.S.A. <https://marc.institute/>

DAY 1

FOUNDATIONS & UPPER LIMB

Morning Session – Laboratory Safety & Protocols

- Laboratory conduct and use of personal protective equipment (PPE)
- Handling and disposal of sharp instruments and biological material
- Accident and exposure protocols
- Use of imaging tools in the lab: fluoroscopy, CT, and surgical equipment

Afternoon Session – Upper Limb Anatomy & Techniques

- Venous access: upper limbs and neck
- Surgical approaches to the upper limb (shoulder to hand)
- Suture practice:
 - Vascular suturing
 - Tendon and muscle repair
- Fluoroscopic guidance and fracture fixation of the upper limb

DAY 2

LOWER LIMB & ADVANCED SUTURE TRAINING

Morning Session – Lower Limb Procedures

- Venous access: lower limbs and pelvis
- Urethral catheterization and basic urological procedures (with fluoroscopy)
- Knee arthroscopy demonstration
- Vascular dissection and suturing: arteriography and venography
- Fluoroscopic guidance and fracture fixation of the lower limb

Afternoon Session – Surgical Suturing Techniques

- Overview of suture materials and needle types
- Fundamental and advanced suture patterns
- Microsurgical suturing and camera-assisted techniques
- Abdominal suturing: intestinal and vascular repair
- Hands-on suture training and practice

DAY 3

THORACOABDOMINAL & HEAD-NECK APPROACHES

Morning Session – Thorax and Abdomen

- Chest tube insertion and drainage
- Pericardiocentesis technique
- Thoracic surgical approaches
- Laparotomy and abdominal cavity exploration
- Abdominal sutures: intestinal and vascular applications
- Image-guided biopsies using fluoroscopy

Afternoon Session – Head and Neck Anatomy

- Applied anatomy of the face and skull
- Craniotomy overview
- Incisions and sutures: face, ear, lip, and oral cavities
- Closing Ceremony and Certificate Presentation