



APPLIED SURGICAL ANATOMY 2026

July 13, 14 and 15, 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 fresh-frozen 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: July 13, 14 and 15, 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