

CRANIAL BASE SURGERY COURSE “A 360 DEGREE PERSPECTIVE” HANDS-ON WORKSHOP

October 1-3

2026

Course Directors

Gustavo Pradilla, MD
Camilo Reyes, MD
Arturo Solares, MD
Tomás Garzón-Muvdi, MD
Emily Barrow, MD
Esther Vivas, MD
Maximiliano Nunez, MD

Emory University
School of Medicine
Faculty Office Building
49 Jesse Hill Jr Drive SE
Atlanta, GA 30303

Guest Faculty

Brian Thorp, MD
Carlos Pinheiro Neto, MD
Cody Nesvick, MD
Edoardo Porto, MD
Enrique Iturriaga, MD
Jackson Vuncannon, MD
Leonardo Tariciotti, MD
Paul Gardner, MD
Samy Youssef, MD

**A Chance to Challenge
Yourself With a High Fidelity
Cadaveric ICA Injury Model
and Tumor Resection Model**

COURSE DESCRIPTION

Recent advances in technology and skull base techniques have raised the level of complexity that both neurosurgeons and ENT surgeons are able to deal with. As a continuously evolving field, skull base surgery represents a challenge for those who practice it, urging for constant training. Along with expertise, a key element for successful skull base surgery is acknowledging ongoing developments in conventional microscopy, skull base endoscopy, exoscopic techniques, and robotic-assisted visualization. This armamentarium provides an extended selection of techniques that can be tailored for each individualized case in the surgical field.

This three-day course, led by neurosurgeons and ENT surgeons, exposes the theoretical basis of traditional skull base microsurgical techniques along with a detailed insight on expanded endoscopic techniques and robotic-assisted exoscopic visualization. Participants will have the opportunity to enhance their knowledge and skills through hands-on workshop sessions in which key skull base procedures are recreated using preserved and injected cadaveric specimens.

Course attendees will benefit from lectures provided by experts on the field as they review cases and discuss technique selection as well as complication avoidance and management. During bioskills workshops, proctored dissections by the faculty and individual mentored dissections will be available for all participants.

Attendees will be able to challenge themselves with a cadaveric real-life internal carotid artery injury model during endoscopic endonasal surgery. The model will be running during the whole course therefore attendees will be able to perform several attempts of repair and practice the 'best' technique to cope with this dreadful complication. The model employs a real-life scenario where the OR environment is reproduced so as to test the stress and emotional burden that this unexpected complication can produce. In addition to the technical skills, the attendee will learn and refine the proper ICA injury intraoperative management. To allow the greatest educational experience, maximum enrollment in this course will be limited to 20 participants.

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»» Faculty

John DelGaudio, MD
Thomas Edwards, MD
Jackson Vuncannon, MD
Rustin Kashani, MD
Edoardo Porto, MD
Leonardo Tariciotti, MD

PROGRAM AGENDA

Thursday, October 1 - Day 1

Morning Lectures - FOB 101

- 7:00 - 8:00 am Registration and Continental Breakfast - Welcome and Course Overview **Gustavo Pradilla, MD and Arturo Solares, MD**
- 8:30 - 9:15 am Sagittal Plane Endoscopic Skull Base Anatomy (Frontal Sinus to Sella) **Carlos Pinheiro Neto, MD**
- 9:15 - 9:30 am Reconstruction of Sagittal Plane Defects **Jackson Vuncannon, MD**

Prosection - Supervised Dissections

WEB 220-221

- 9:30 - 11:00 am Spheno-ethmoidectomy/Maxillary Antrostomy/Frontal Sinus Drill Out **Brian Thorp, MD**
- 11:00 - 12:00 pm Skull Base Reconstruction Masterclass: Nasoseptal Flap, Multilayer Closure, CSF Leak Prevention **Jackson Vuncannon, MD**

Lunch Lectures

FOB 101

- 12:00 - 12:30 pm Carotid Injury Management **Edoardo Porto, MD and Camilo Reyes, MD**
- 12:30 - 1:00 pm Outcomes & Complications in Skull Base Surgery (CSF Leak, Neurological Complications) **Leonardo Tariciotti, MD**
- 1:00 - 1:30 pm Olfaction Preservation in Anterior Skull Base Management **Sammy Youssef, MD**

Prosection - Supervised Dissections

WEB 220-221

- 1:30 - 2:00 pm Transtuberculum/Transplanum/Transsellar Approaches **Jackson Vuncannon, MD**
- 2:00 - 2:30 pm Transcribriform Approaches **Cody Nesvick, MD**
- 2:30 - 3:30 pm Transclavical and Craniovertebral Junction **Carlos Pinheiro, MD**
- 3:30 - 5:00 pm Additional Lab Sessions and ICA Injury Model Session
- 7:00 pm Welcome Dinner - **Clermont Hotel - Rooftop**

PROGRAM AGENDA

Friday, October 2 - Day 2

Morning Lectures

FOB 101

- 8:00 - 8:30 am Continental Breakfast
- 8:30 - 9:15 am Coronal Plane Endoscopic Skull Base Anatomy
Enrique Iturriaga, MD
- 9:15 - 9:45 am Endoscopic Management of Complex Supersellar Lesions
Paul Gardner, MD

Prosection - Supervised Dissections

WEB 220-221

- 9:30 - 11:00 am Prelacrimal/Medial Maxillectomy/Denker's/Calwell-Luc
Camilo Reyes, MD and Carlos Pinheiro, MD
- 11:00 - 12:00 pm Infratemporal Fossa/Transpterygoid Approach
Jackson Vuncannon, MD and Samy Youssef, MD

Lunch Lectures

FOB 101

- 12:00 - 12:20 pm Expanded Endonasal Approach for Chordoma **Carlos Pinheiro, MD**
- 12:20 - 12:40 pm Meckel's Cave 360: Outcomes, Complications, Approach Selection (Case-Based)
Samy Youssef, MD
- 12:40 - 1:00 pm CSF Leaks and other unusual complications
Paul Gardner, MD

Prosection - Supervised Dissections

WEB 220-221

- 1:00 - 2:00 pm Meckel's Cave - Front Door
Arturo Solares, MD and Tomas Garzon, MD
- 2:00 - 3:00 pm Petroclivical/Parapharyngeal Space
Jackson Vuncannon and Cody Nesvick, MD
- 3:00-5:00 pm Additional Lab Session and ICA Injury Model Session I
Edoardo Porto

PROGRAM AGENDA

Saturday, October 3 - Day 3

Morning Lectures

FOB 101

- 8:00 - 8:30 am Continental Breakfast
- 8:30 - 9:15 am Anatomy of the MCF - Pretemporal Approach - Cavernous Sinus: Surgical Anatomy, Barriers & decision Making **Maximiliano Nunez, MD**
- 9:15 - 9:45 am Endoscopic Approaches to Petrous Apex Lesions **Paul Gardner, MD**

Prosection - Supervised Dissections

WEB 220-221

- 9:30 - 11:00 am Cranio-Orbito-Zygomatic/Anterior Clinoidectomy/Transcavernous/Pretemporal **Tomas Garzon, MD and Leonardo Taricoitti, MD**
- 11:00 - 12:00 pm Kawase/MCF approach to the IAC **Rustin Kashani, MD and Samy Youssef, MD**

Lunch Lectures

FOB 101

- 12:00 - 12:30 pm Hearing Preservation in Acoustic Neuromas **Samy Youssef, MD**
- 12:30 - 1:00 pm NF-2 Associate Vestibular Schwannomas Skull Base Considerations **Rustin Kashani, MD**

Prosection - Supervised Dissections

WEB 220-221

- 1:00 - 3:30 pm Retrolabyrinthine/Translabyrinthine Approaches **Jackson Vuncannon, MD and Esther Vivas, MD**
- 3:30 - 5:00 pm Additional Lab Session and ICA Injury Model Session III **Edoardo Porto**
Skull Base Tumor Model **Leonardo Tariciotti**
- 5:00 pm Closing Remarks

SPONSORSHIP APPRECIATION

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