

II Edition **MICRONEUROSURGICAL & ENDOSCOPIC HANDS-ON COURSE**



ANATOMY APPLIED TO NEUROSURGERY

THE EVANDRO DE OLIVEIRA LEGACY



University Clinical Hospital of Valencia, Spain

June 27th - July 2nd 2026

THE SCIENTIFIC AND EDUCATIONAL
CONTENT OF THIS EVENT
HAS BEEN ENDORSED BY:



ORGANIZED BY:

COURSE DIRECTOR



Vicent Quilis-Quesada, Spain 

Chief of Neurosurgery Department, University Clinical Hospital of Valencia (Spain).

Associate Professor of Neurosurgery, Faculty of Medicine, University of Valencia (Spain).


Adjunct Assistant Professor of Neurosurgery, College of Medicine and Science, Mayo Clinic, Jacksonville, Florida (USA).

Board Member of the International Rhoton Society.



COURSE CO-DIRECTORS



Wen Hung Tzu, Brazil 


Associate Professor, Division of Neurosurgery, Hospital das Clínicas, University of São Paulo Medical School (Brazil).

Former Research Fellow and Clinical

Assistant Professor, Department of Neurosurgery, University of Florida (USA).

Current President and Board Member of the International Rhoton Society.



Ali F. Krisht, USA 

Director of the Arkansas Neuroscience Institute at CHI St. Vincent.

Little Rock,

Arkansas (USA).



Carolina Martins, Brazil 

Neurosurgeon, Professor, Neuropsychiatry Department, Federal University of Pernambuco (UFPE), Recife (Brazil).

Board Member of the International Rhoton Society.



Juan Carlos Fernández-Miranda, USA 

Surgical Director, Stanford Brain Tumor Center.

Co-Director, Stanford Skull Base Surgery Program, Stanford, California (USA).

Board Member of the International Rhoton Society.




Mateus Reghin, Brazil 

ICNE-SP Institute of Neurological Sciences of São Paulo.

IAMSPE Hospital do Servidor Público do Estado de São Paulo,

BP - The Portuguese Charity of São Paulo.



Pablo Rubino, Argentina 

Chief of Neurosurgery Service of the German Hospital.

Deputy Chief of the High Complexity Hospital of El Cruce, Buenos Aires (Argentina).

Board Member of the International Rhoton Society.






INTERNATIONAL FACULTY



João Paulo Almeida, USA 
Associate Professor, Department of Neurosurgery Co- Director, IU Skull Base Surgery Program Surgical Director, Pituitary Disorders Indiana University. Indianapolis, United States of America



Marcello D'Andrea, Italy 
Head, Skull base and vascular unit "M. Bufalini" Hospital, Ausl Romagna, Cesena, Italy



Ruben Dammers, The Netherlands 
Neurosurgeon at Erasmus MC, Co-Director of the Erasmus MC Stroke Center & the Center for Complex Microvascular Surgery Erasmus MC, The Netherlands



LOCAL FACULTY

Alfonso Valverde
Professor of Anatomy and Human Embryology, University of Valencia

Luis Real
Neurosurgeon, University Clinical Hospital of Valencia

Félix Pastor
Neurosurgeon, University Clinical Hospital of Valencia

Jaime Broseta
Neurosurgeon, University Clinical Hospital of Valencia

Guillermo Garcia-March
Chief of Section, Neurosurgery Service, University Clinical Hospital of Valencia

Esteban Vega
Neurosurgeon, University Clinical Hospital of Valencia

Xavier Peris
Neurosurgeon, University Clinical Hospital of Valencia

Pasqual Molés
Neurosurgeon, University Clinical Hospital of Valencia

Fernando Talamantes
Neurosurgeon, University Clinical Hospital of Valencia

Diego Tabarés
Neurosurgeon, University Clinical Hospital of Valencia

Guillermo Garcia Oriola
Neurosurgeon, University Clinical Hospital of Valencia

Medea Peña
Neurosurgeon, University Clinical Hospital of Valencia

Laura Botella
Neurosurgeon, General University Hospital of Elche

Pau Capilla
Neurosurgeon, University Clinical Hospital of Valencia

Marta Quirós
Neurosurgeon, University Clinical Hospital of Valencia

THE COURSE

This advanced course, designed specifically for neurosurgeons, offers a unique blend of in-depth lectures and hands-on laboratory sessions aimed at mastering microsurgical anatomy and skull base approaches. Inspired by the legacy of **Dr. Evandro de Oliveira**, participants will explore cutting-edge techniques in microneurosurgery and endoscopic procedures under the guidance of an internationally renowned faculty.

Course Highlights:

Part I: Microsurgical Anatomy

Detailed exploration of the brain's sulci, gyri, ventricles, and their surgical relevance through hands-on dissections and case-based discussions.

Part II: Endoscopic Neurosurgery

Immersive sessions on endonasal approaches to the skull base, pituitary region, and beyond, combining surgical techniques with live case discussions.

Part III: Microneurosurgery

Comprehensive training in advanced brain and skull base approaches, including pterional, pretemporal, and cavernous sinus dissections, with a focus on their application to skull base and vascular microneurosurgery.

Prepare to embark on a transformative journey that combines the richness of advanced neuroanatomy with the precision of state-of-the-art surgical techniques. Over the course, you will engage in immersive, hands-on laboratory sessions and benefit from the insights of world-renowned neurosurgical experts. Each session has been carefully designed to bridge the gap between anatomical understanding and surgical application, equipping you with the confidence and skills needed to excel in the most demanding operating room environments.

This is more than a course; it's an opportunity to connect with the legacy of giants in neurosurgery, to deepen your passion for the discipline, and to elevate your craft to new heights.

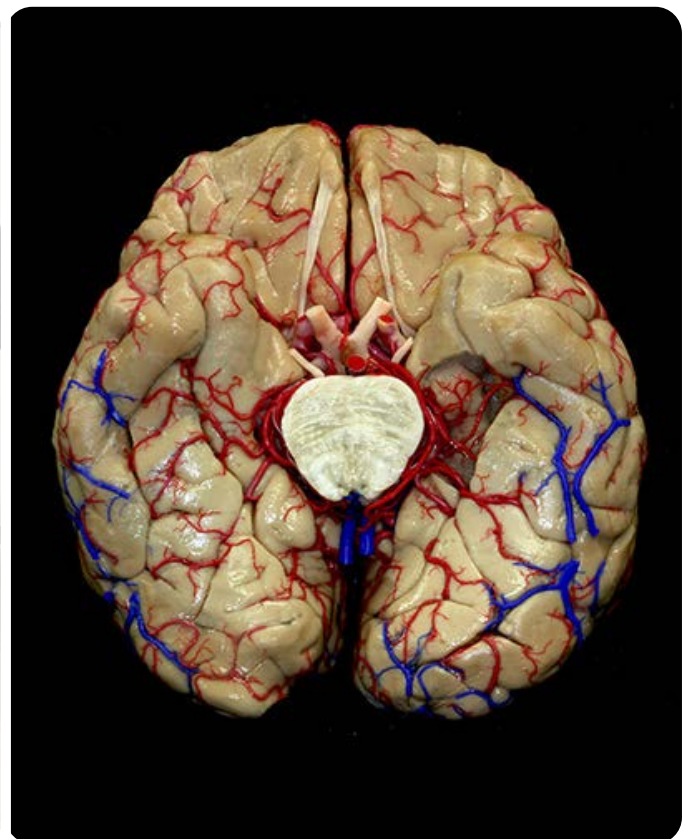


PROGRAM

PART I. MICROSURGICAL ANATOMY. THE CEREBRAL SULCI, GYRI AND VENTRICLES

Saturday, June 27th

08:00-08:15	Welcome and introduction.
08:15-09:00	Microsurgical anatomy of the sulci and gyri of the brain. <i>Carolina Martins</i>
09:00-09:45	Microsurgical anatomy of the sylvian fissure. <i>Wen Hung Tzu</i>
09:45-10:00 <i>Coffee break</i>	
10:00-12:00	Hands-on laboratory dissection: brain sulci-gyri & sylvian fissure. <i>All Faculty</i>
12:00-12:45	Microsurgical anatomy of the lateral ventricles. <i>Carolina Martins</i>
12:45-13:30	Microsurgical anatomy of the third ventricle and choroidal fissure. <i>Wen Hung Tzu</i>
13:30 - 14:30 <i>Lunch</i>	
14:30-16:30	Hands-on laboratory dissection: ventricles & choroidal fissure. <i>All faculty</i>
16:30-18:00	Surgical anatomy applied to glioma and vascular microneurosurgery. Case discussion and video demonstration. <i>All faculty</i>
18:00	Adjourn

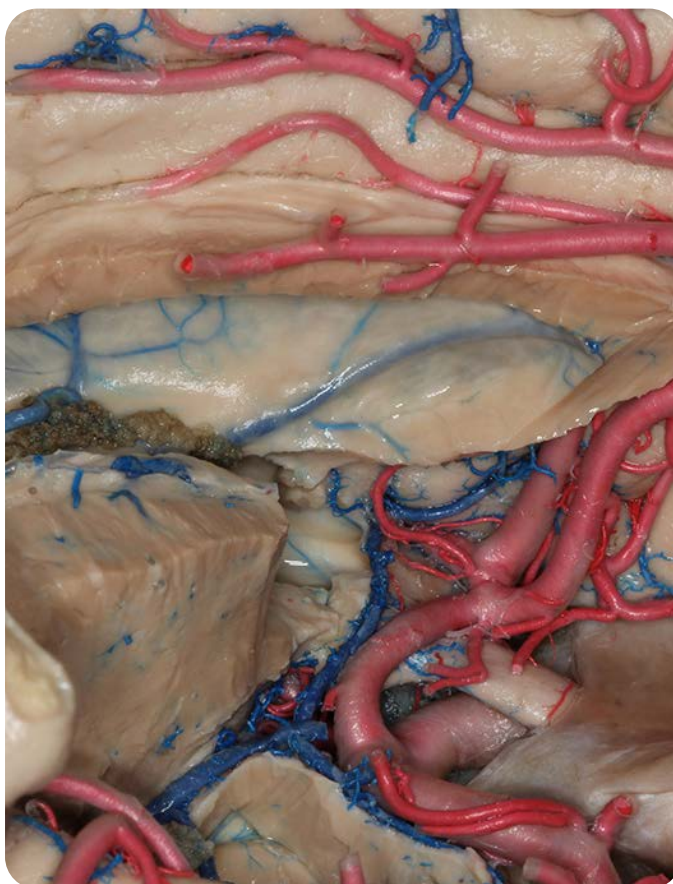


PROGRAM

PART I. MICROSURGICAL ANATOMY. THE CEREBRAL SULCI, GYRI AND VENTRICLES

Sunday, June 28th

08:00-08:45	Microsurgical anatomy of the mesial surface of the brain. <i>Carolina Martins</i>
08:45-09:30	Microsurgical anatomy of the mediobasal temporal region. <i>Wen Hung Tzu</i>
09:30-10:00 Coffee break	
10:00-12:00	Hands-on laboratory dissection: sulci-gyri of the mesial surface of the brain & temporal lobe. <i>All Faculty</i>
12:00-12:45	Microsurgical anatomy of the basal surface of the brain. <i>Wen Hung Tzu</i>
12:45-13:30	Microsurgical correlation of craniometric and sulcal key points. <i>Carolina Martins</i>
13:30 - 14:30 Lunch	
14:30-16:30	Hands-on laboratory dissection: sulci-gyri of the basal surface of the brain & mediobasal temporal region. <i>All faculty</i>
16:30-18:00	Surgical anatomy applied to mesial temporal lobe & basal surface microneurosurgery. Case discussion and video demonstration. <i>All faculty</i>
18:00	Adjourn
20:30 Dinner	

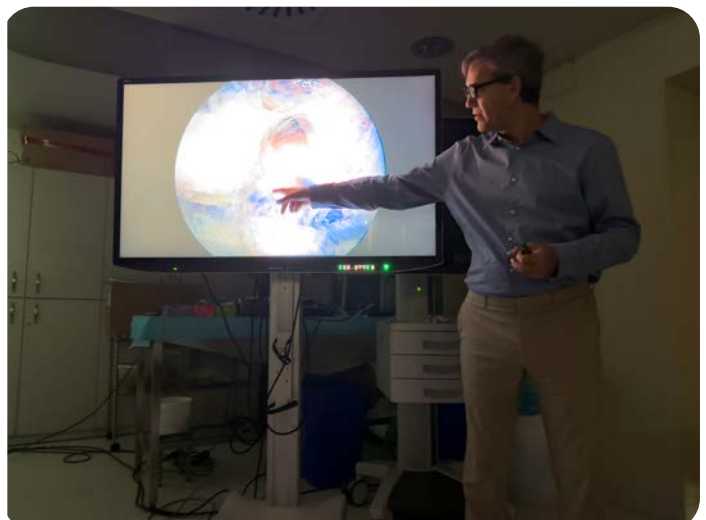


PROGRAM

PART II. ENDOSCOPIC NEUROSURGERY BRAIN AND SKULL BASE APPROACHES

Monday June, 29th

08:00-08:45	Endoscopic anatomy of nasal cavities. <i>Juan Carlos Fernández-Miranda</i>
08:45-09:30	Anatomy of endoscopic approaches to the sellar and parasellar regions. <i>Juan Carlos Fernández-Miranda</i>
09:30-10:00 <i>Coffee break</i>	
10:00-12:00	Hands-on laboratory dissection: nasoseptal flap and sellar approach. <i>All Faculty</i>
12:00-12:45	Endoscopic pituitary surgery: surgical techniques. <i>Juan Carlos Fernández-Miranda</i>
12:45-13:30	Endoscopic endonasal surgery for pituitary tumors with cavernous sinus invasion. <i>Juan Carlos Fernández-Miranda</i>
13:30 - 14:30 <i>Lunch</i>	
14:30-16:30	Hands-on laboratory dissection: nasoseptal flap, sellar approach, cavernous sinus. <i>All Faculty</i>
16:30-18:00	Case discussion and video demonstration. <i>All Faculty</i>
18:00	Adjourn



PROGRAM

PART II. ENDOSCOPIC NEUROSURGERY BRAIN AND SKULL BASE APPROACHES

Tuesday, June 30th

08:00-08:45 Endoscopic endonasal approach to the suprasellar and retroinfundibular regions.

Juan Carlos Fernández-Miranda

08:45-09:30 Endoscopic endonasal approach to the anterior skull base.

Juan Carlos Fernández-Miranda

09:30-10:00 *Coffee break*

10:00-12:00 Hands-on laboratory dissection: suprasellar, retroinfundibular, and anterior skull base.

All Faculty

12:00-12:45 Endoscopic transpterygoid approach: anatomy and surgical technique.

Juan Carlos Fernández-Miranda

12:45-13:30 Endoscopic endonasal approach to the clival and petroclival region.

Juan Carlos Fernández-Miranda

13:30 - 14:30 *Lunch*

14:30-16:30 Hands-on laboratory dissection: transclival and transpterygoid approaches.

All Faculty

16:30-18:00 Case discussion and video demonstration.

All Faculty

18:00 Adjourn



PROGRAM

PART III. MICRONEUROSURGERY BRAIN AND SKULL BASE APPROACHES

Wednesday, July 1st

08:00-08:45	Microneurosurgery: past, present and future. <i>Ali F. Krisht</i>
08:45-09:30	Pterional approach: microsurgical anatomy and technique. <i>Ali F. Krisht</i>
09:30-10:00 Coffee break	
10:00-12:00	Hands-on laboratory dissection: pterional approach. <i>All Faculty</i>
12:00-12:45	Pretemporal approach. Cavernous sinus and middle fossa microsurgical anatomy. <i>Ali F. Krisht</i>
12:45-13:30	Extradural anterior clinoidectomy and transcavernous approaches. <i>Ali F. Krisht</i>
13:30 - 14:30 Lunch	
14:30-16:30	Hands-on laboratory dissection: pretemporal approach, middle fossa peeling and extradural clinoidectomy. <i>All Faculty</i>
16:30-18:00	Paraclinoid and basilar aneurysms. Case discussion and video demonstration. <i>All Faculty</i>
18:00	Adjourn

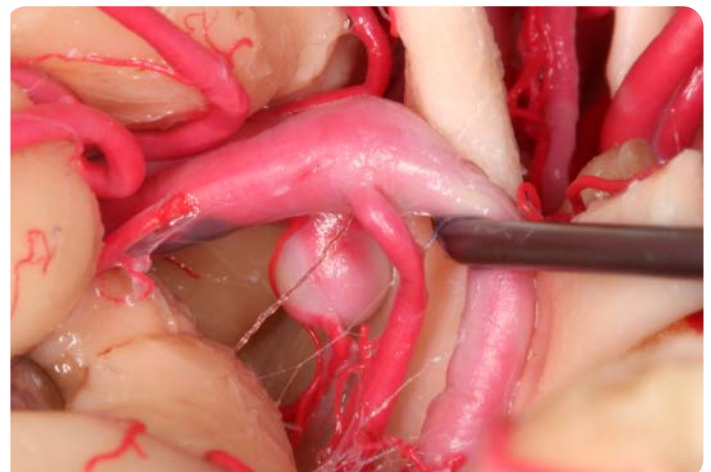


PROGRAM

PART III. MICRONEUROLOGY BRAIN AND SKULL BASE APPROACHES

Thursday, July 2nd

08:00-08:45	Why learn the cavernous sinus? <i>Ali F. Krisht</i>
08:45-09:30	Intracavernous approaches. Anatomy of the pathology in the cavernous sinus. <i>Ali F. Krisht</i>
09:30-10:00 Coffee break	
10:00-12:00	Hands-on laboratory dissection: intracavernous and paracavernous approaches. <i>All Faculty</i>
12:00-12:45	The myth of the cavernous sinus. <i>Ali F. Krisht</i>
12:45-13:30	Transcavernous approaches to the prepontine, petroclival region and brain stem. <i>Ali F. Krisht</i>
13:30 - 14:30 Lunch	
14:30-16:30	Hands-on laboratory dissection: full transcavernous approach. <i>All Faculty</i>
16:30-18:00	Cavernous sinus meningiomas. Case discussion and video demonstration. <i>All Faculty</i>
18:00	Adjourn





FEE AND REGISTRATION

LATE REGISTRATION
Starting April 20th

4.700 €

*4.660 €

* AEM members will get a 40 € discount on the course fee.

The course is limited to 30 places.

There will be 15 workstations (one workstation for 2 participants).

Each workstation will be equipped with one neurosurgical instrument set, one latex-injected head and a complete brain for anatomical dissection (*2 specimens per workstation*).

Places are available on a first-come, first-served basis.

If you are interested in attending this course, please complete the online form on the website:

www.formedika.com

CREDITS

The **II Edition - Microneurosurgical & Endoscopic Hands-on Course, "Anatomy applied to Neurosurgery"** has been accredited with **48.0 European CME credits** by the European Accreditation Council for Continuing Medical Education (EACCME®).

Credits requested to the Continuous Training Commission of the Health Professions of the Valencian Community (CFC/EVES).

REGISTRATION INCLUDES

- Folder with course materials.
- Surgical gown.
- Theoretical and supervised practical sessions.
- Use of surgical microscope and endoscopic stations.
- One latex-injected head for both endoscopic and microscopic surgical approaches.
- A complete brain for anatomical dissection.
- A neurosurgical instrument set.
- Laboratory consumables and instruments.
- Laboratory practice that will take place in the dissection room of the anatomy department of the University of Medicine of Valencia.
- Coffee, lunch breaks and course dinner
- Diploma of attendance and accreditation (requested for continuing education).

RECOMMENDED HOTELS

1 [SH Valencia Palace](#) ★★★★★

Pg. de l'Albereda, 32, El Pla del Real, 46023, Valencia

2 [Hotel Hospes Palau de la Mar](#) ★★★★★

Av. de Navarro Reverter, 14, L'Eixample, 46004, Valencia

3 [Hotel One Shot Palacio Reina Victoria](#) ★★★★★

C/ de les Barques, 4, Ciutat Vella, 46002, Valencia

4 [Catalonia Excelsior](#) ★★★★★

C/ de la Barcelonina, 5, Ciutat Vella, 46002, Valencia

5 [Hotel NH Collection Valencia Colón](#) ★★★★★

Carrer de Colón, 32, L'Eixample, 46004, Valencia

6 [Hotel One Shot Colón 46](#) ★★★★★

Carrer de Colón, 46, L'Eixample, 46004, Valencia



VENUE

University Clinical Hospital of Valencia
Anatomy Room of the University
of Medicine of Valencia
Av. de Blasco Ibáñez, 15,
El Pla del Real,
46010 Valencia,
Spain



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REGISTRATION



www.formedika.com

E-mail: info@formedika.com

T: (+34) 943 468 441

This course is Compliant with the MedTech Europe Code of Ethical Business Practice



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Cancellation policy

The course organization reserves the right to modify the program, cancel the event in case of not filling the minimum number of participants or due to other circumstances that make the course unfeasible.