

Mayo Clinic
Rhoton-de Oliveira: Microsurgical and Endoscopic Approaches
for Skull Base and Aneurysms

June 13-17, 2022

Mayo Clinic Simulation Center
Jacksonville, Florida

Course Directors:

Rabih G. Tawk, M.D.
Alfredo Quiñones-Hinojosa, M.D.
Wen Hung Tzu, M.D.

Course Co-Directors:

João Paulo Almeida, M.D., Ph.D.
Juan Fernandez-Miranda, M.D.

Faculty:

Maria Peris Celda, M.D., Ph.D.
Angela M. Donaldson, M.D.
Giuseppe Lanzino, M.D.
Ali Krisht, M.D.
Carolina Martins, M.D., Ph.D.
Diego Mendez Rosito, M.D.
Vanessa Milanese Holanda Zimpel, M.D., Ph.D.
Diego Mendez Rosito, M.D.
Jorge Mura, M.D.
Osarenoma Olomu, M.D.
Vicent Quilis Quesada, M.D., Ph.D.
Carlos Pinheiro Neto, M.D.
Pablo Recinos, M.D.
Matheus Reghin Neto, M.D.
Pablo Rubino, M.D.
Johnny Sandhu, M.D.

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ENDOSCOPIC ENDONASAL SKULL BASE SURGERY COURSE

June 13-14, 2022

All Times in Eastern Time (ET)

Monday, June 13th

7:00 am	Continental Breakfast <i>Simulation Center, Learning Rooms A/B</i>
7:30 am	Welcome and Introduction <i>Alfredo Quiñones-Hinojosa, M.D., Rabih G. Tawk, M.D. and João Paulo Almeida, M.D. Ph.D.</i>
7:40 am	Endoscopic Anatomy of Nasal Cavities <i>Angela Donaldson, M.D.</i>
8:00 am	Anatomy of Endoscopic Approaches to the Sella and Parasellar Regions <i>Maria Peris Celda, M.D., Ph.D.</i>
8:20 am	Nasoseptal Flap and Techniques for Endoscopic Reconstruction <i>Osarenomu U. Olomu, M.D.</i>
8:40 am	Endoscopic Pituitary Surgery: Surgical Techniques <i>João Paulo Almeida, M.D., Ph.D.</i>
9:10 am	Endoscopic Endonasal Surgery for Pituitary Tumors with Cavernous Sinus Invasion – Livestream Lecture <i>Juan C. Fernandez-Miranda, M.D.</i>
9:40 am	Nasoseptal Flap, Sellar Approach, Cavernous Sinus – Hands-on Laboratory <i>All Faculty</i>
12:00 pm	Lunch Lecture Endoscopic-Assisted Microsurgery and the Endoscope as a Tool in Neurosurgery <i>Rabih G. Tawk, M.D.</i>
1:00 pm	Endoscopic Endonasal Approach to the Suprasellar and Retroinfundibular Regions: Meningiomas, Craniopharyngiomas, and others <i>João Paulo Almeida, M.D., Ph.D.</i>
1:20 pm	Endoscopic Endonasal Approach to the Anterior Skull Base: Sinonasal Malignancies, Meningiomas, and others <i>João Paulo Almeida, M.D., Ph.D.</i>
1:40 pm	Suprasellar, Retroinfundibular, and Anterior Skull Base Intradural – Hands-on Laboratory <i>All Faculty</i>
4:00 pm	Case Discussion - Decision-Making for Sella and Supra-Sellar Tumors <i>Diego Mendez Rosito, M.D., Alfredo Quiñones-Hinojosa, M.D., Rabih G. Tawk, M.D., and João Paulo Almeida, M.D. Ph.D.</i>
5:00 pm	Adjourn
6:00 pm	Welcome Dinner – Faculty and Participants Lecture by Diego Mendez Rosito, M.D.: Pituitary Surgery: a 360-degree philosophy **Offsite – Fogo de Chao, Town Center, Jacksonville, Florida**

Tuesday, June 14th

7:00 am	Continental Breakfast <i>Simulation Center, Learning Rooms A/B</i>
7:30 am	Endoscopic Transpterygoid Approach: Anatomy and Surgical Technique <i>Carlos Pinheiro Neto, M.D., Ph.D.</i>
8:00 am	Endoscopic Endonasal Approach to the Clival and Petroclival Region <i>João Paulo Almeida, M.D., Ph.D.</i>
8:30 am	Endoscopic Endonasal Odontoidectomy – Livestream Lecture <i>Pablo Recinos, M.D.</i>
9:00 am	Transclival and Transpterygoid Approaches – Hands-on Laboratory <i>All Faculty</i>
12:00 pm	Lunch, Lecture & Discussion Management of surgical Complications: the emotional disease burden and lessons learned <i>Alfredo Quiñones-Hinojosa, M.D.</i>
1:00 pm	Lower Clivus, Foramen Magnum and Odontoid Process – Hands-on Laboratory <i>All Faculty</i>
4:30 pm	Skull Base Surgery: How to Select the Best Approach? <i>Juan C. Fernandez-Miranda, M.D.</i>
5:00 pm	Adjourn

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MICROSURGICAL APPROACHES TO SKULL BASE

June 15-17, 2022

All Times in Eastern Time (ET)

Wednesday, June 15th

7:30 am	Continental Breakfast <i>Simulation Center, Learning Rooms A/B</i>
8:00 am	Welcome and Introduction
8:10 am	Value and Future of Microneurosurgery <i>Ali Krisht, M.D..</i>
8:35 am	Pterional Approach – Lecture <i>Vicent Quilis, M.D.</i>
9:30 am	Pterional Approach – Demonstration and Hands-on Laboratory <i>Ali Krisht, M.D and Vicent Quilis, M.D.</i>
12:00 pm	Sylvian Fissure & Basal Cistern – Lecture <i>Wen Hung Tzu, M.D.</i>
12:30 pm	Lunch and Video Cases <i>Ali Krisht, M.D..</i>
1:00 pm	Radiographic Anatomy of Superior Orbital Fissure and Skull Base Foramen <i>Johnny Sandhu, M.D.</i>
1:30 pm	Surgical Application of Knowledge of the Sylvian Fissure – Lecture <i>Wen Hung Tzu, M.D</i>
2:00 pm	Opening of Sylvian Fissure and Basal Cistern – Demonstration and Hands-on Laboratory <i>Ali Krisht, M.D. and Wen Hung Tzu, M.D</i>
4:30 pm	Adjourn
6:00 pm	Dinner “de Oliveira” Keynote Lecture <i>Pablo Rubino, M.D.</i> **Offsite – Ponte Vedra Inn & Club – Stockton Ballroom, Ponte Vedra, Florida**

Thursday, June 16th

7:00 am	Continental Breakfast and Mayo Clinic Vascular Conference <i>Simulation Center, Learning Rooms A/B</i>
8:00 am	Pretemporal Approach and OZ Approach – Lecture <i>Vicent Quilis, M.D</i>
8:30 am	Anatomy for Navigating the Cavernous Sinus <i>Ali Krisht, M.D.</i>
9:00 am	Pretemporal and OZ Approach to the Cavernous Sinus (Extradural) – Demonstration and Hands-on Laboratory <i>Ali Krisht, M.D and Vicent Quilis, M.D</i>
12:00 pm	Rhoton Livestream Lecture <i>Giuseppe Lanzino, M.D.</i>
12:30 pm	Lunch Lecture: Surgery in and Through the Cavernous Sinus <i>Ali Krisht, M.D.</i>
1:30 pm	Approach to the Cavernous Sinus (Intradural) – Demonstration and Hands-on Laboratory <i>Ali Krisht, M.D Vicent Quilis, M.D, and Wen Hung Tzu, M.D.</i>
4:30 pm	Case Discussion <i>Ali Krisht, M.D, Vicent Quilis, M.D, Rabih G. Tawk, M.D., and Wen Hung Tzu, M.D.</i>
5:00 pm	Adjourn

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Friday, June 17th

7:00 am	Continental Breakfast & Mayo Clinic Tumor Board Simulation Center, Learning Rooms A/B
8:00 am	Approach to the Cavernous Sinus Part II – Demonstration and Hands-on Laboratory
10:00 pm	Anatomical Basis for the Far Lateral Approaches – Livestream Lecture <i>Carolina Martins, M.D., Ph.D.</i>
10:30 am	Far Lateral Approach – Lecture
11:00 am	Far Lateral Approach – Demonstration and Hands-on Laboratory <i>Mateus Reghin Neto, M.D., and Vanessa Milanese Holanda Zimpel, M.D., Ph.D.</i>
12:30 pm	Lunch Lecture: Extradural Minipterional Approach: Minimally invasive posterolateral transe cavernous transtentorial approach “MIPLATTA” for Basilar Artery Aneurysm – Livestream Lecture <i>Jorge Mura, M.D.</i>
1:00 pm	Far Lateral Approach – Demonstration and Hands-on Laboratory <i>Mateus Reghin Neto, M.D. and Vanessa Milanese Holanda Zimpel, M.D., Ph.D.</i>
3:30 pm	Adjourn