

April 26-28, 2018

St. Louis, Missouri, USA

29TH ANNUAL

SKULL BASE APPROACHES: MICROSCOPIC AND ENDOSCOPIC



Hands-On Cadaver Course

OR

Lecture Symposium

Course Director:
Paulo A. S. Kadri, MD

Course Co-Director:
Ossama Al-Mefty, MD, FACS

Honored Guests:
Sebastien Froelich, MD
Uğur Türe, MD



An offering through: Practical Anatomy & Surgical Education, Department of Surgery
Saint Louis University School of Medicine

<http://pa.slu.edu>

Hands-On Cadaver Course

Thursday, April 26, 2018

7:00 AM - 5:30 PM

Anterior Skull Base Approaches

- Lecture and 3-D Video Demonstration: Cranio-Orbital-Zygomatic Approach
- Lecture and 3-D Video Demonstration: Cavernous Sinus Approach
- Hands-On Laboratory: Cranio-Orbital-Zygomatic Approach; Cavernous Sinus Approach

Lateral Skull Base Approaches

- Lecture and 3-D Video Demonstration: Middle Fossa-Anterior Petrosal Approach
- Hands-On Laboratory: Middle Fossa-Anterior Petrosal Approach

Friday, April 27, 2018

7:30 AM - 5:30 PM

- Lecture and 3-D Video Presentation: Mastoidectomy and Posterior Petrosal Approach
- Lecture and 3-D Video Presentation: Endoscopic Approaches to the Skull Base
- Hands-On Laboratory: Mastoidectomy and Posterior Petrosal Approach

Endoscopic Approaches

- Lecture and 3-D Video Demonstration: Endoscopic Approach to the Anterior Skull Base
- Hands-On Laboratory: Endoscopic Approaches
- Controversies in Skull Base Surgery (Cases submitted by attendees-discussion)

Saturday, April 28, 2018

7:30 AM - 3:00 PM

Posterior Skull Base Approach

- Lecture and 3-D Presentation: Transcondylar Approach with Entry to the Brainstem
- Hands-On Laboratory: Transcondylar Approach
- Lecture and 3-D Video Presentation: Surgical Approach to the Jugular Foramen
- Hands-On Laboratory: Jugular Foramen

Educational Objectives

The workshop has been designed to provide neurosurgeons, fellows, and residents the opportunity to enhance their own skills in a variety of surgical and endoscopic approaches to the skull base. The participants will:

- Review and perform microsurgical approaches, with endoscopic assistance where appropriate, to the anterior, lateral and posterior skull base on cadaver specimens
 - Perform the endoscopic approach to the anterior skull base under the direction of the world class honored guest and distinguished faculty
 - Discuss the surgical techniques and complexity of the various surgical skull base approaches, viewing surgical videos and interacting with the world renowned experts in the field
 - Discuss complication avoidance and management
- The objectives will be met in part by performing the procedures on specially prepared cadavers. The cadavers used are extremely flexible and "life-like."

Continuing Education:

Hands On Workshop: Saint Louis University designates this live activity for a maximum of 21.75 AMA PRA Category 1 Credit(s)™.

Lecture Symposium: Saint Louis University designates this live activity for a maximum of 20.25 AMA PRA Category 1 Credit(s)™.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

Accreditation:

Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Registration:

For Further Course Details and REGISTRATION Click On (or type in your internet browser) the link below:

<http://pa.slu.edu>

Only the participants registered for the hands on workshop will be allowed to enter the cadaver laboratory and perform the surgical procedures listed. All symposium attendees will view the didactic program in the auditorium.

This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108

Hands On Cadaver Course Fees:

Physicians:\$2395
Residents/Fellows/USA Military:\$1395
The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.

Lecture Symposium

Thursday, April 26, 2018

7:00 AM - 5:30 PM

Anterior Skull Base Approaches

- Lecture and 3-D Video Demonstration: Enlightening the Neurosurgical Teaching - a "lifelike" model
- Lecture and 3-D Video Demonstration: Cranio-Orbital-Zygomatic Approach; Cavernous Sinus Approach
- Surgical Treatment of Orbital Lesions
- Treatment of Paraclinoid Aneurysms
- Strategies to Prevent CSF Fistula in Anterior Skull Base Approaches
- Clinoidal Meningiomas
- Anterior Approaches to Giant Craniopharyngiomas
- Management of Anterior Skull Base Meningioma

Lateral Skull Base Approaches

- Lecture and 3-D Video Demonstration: Middle Fossa -Anterior Petrosal Approach
- Pretemporal Transcavernous Skull Base Approach to Sellar/Juxtarsellar Lesions
- Surgical Treatment of Trigeminal Schwannoma
- Neurosurgical Approach to Petrous Apex Cholesterol Granuloma
- Intraoperative Management of Arterial Injuries in Cavernous Sinus Surgery
- Treatment of Basilar Trunk Aneurysms
- Cavernous Sinus Tumors
- Surgical Nuances in Medial Acoustic Tumors
- Video Session – Case Discussions
- Welcome Reception – Greet the Faculty

Friday, April 27, 2018

7:30 AM - 5:30 PM

- Lecture and 3-D Video Presentation: Mastoidectomy and Posterior Petrosal Approach
- Lecture and 3-D Video Presentation: Endoscopic Approaches to the Skull Base
- Safety Entries to the Brainstem
- Hearing Preservation in Acoustic Neuromas
- Surgical Treatment of Petroclival Meningiomas (Special Discussion)
- Petroclival Meningiomas, Technique or/and Decision Making
- Posterior Approaches to Vascular Lesions of the Basilar Artery

Endoscopic Approaches

- Lecture and 3-D Video Demonstration: Endoscopic Approach to the Anterior Skull Base
- Giant Pituitary Adenomas – When to Do It Endoscopically?
- Giant Pituitary Adenomas – When to Treat it Surgically?
- Endoscopic Assisted Microsurgery for Brain Tumors
- Endoscopic CPA Surgery
- Endoscopic Assisted Skull Base Surgery
- Endoscopic Treatment of Giant Craniopharyngiomas
- Approaches to the Clivus
- Multiportal and Multimodal Approach to Craniocervical Region and Clival Chordomas
- Video Session – Brain Stem Tumors

Saturday, April 28, 2018

7:30 AM - 1:00 PM

Posterior Skull Base Approach

- Lecture and 3-D Presentation: Transcondylar Approach
- Surgical Treatment of Foramen Magnum Meningioma
- Surgical Treatment of Vascular Lesions of Vertebral-Basilar Junction
- Anatomic Considerations in Skull Base Surgery at Craniocervical Junction
- Glomus Jugulare – How to Preserve the Lower Cranial?
- Lecture and 3-D Video Presentation: Surgical Approach to the Jugular Foramen
- Video Session – Case Discussions



Lecture Symposium Fees:

Physicians:\$650
Residents/Fellows/USA Military:\$450
The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.

Faculty

Course Director

Paulo A. S. Kadri, MD
Auxiliar Professor
Department of Neurosurgery
Federal University of Mato Grosso do Sul
Director El Kadri Neurological Institute
Campo Grande, Brazil

Course Co-Director

Ossama Al-Mefty, MD, FACS
Professor, Director of Skull Base Surgery
Department of Neurosurgery
Brigham & Women's Hospital
Harvard School of Medicine
Boston, MA

Honored Guests

Sebastien Froelich, MD
Professor and Chairman
Department of Neurosurgery
Lariboisiere Hospital
Paris, France

Uğur Türe, MD
Professor and Chairman,
Department of Neurosurgery
Yeditepe University
School of Medicine
Istanbul, Turkey

Invited Faculty

Emad Aboud, MD
Associate Professor
Department of Neurosurgery
Arkansas Neurosciences Institute
Little Rock, AR

Badih Adada, MD, FRCS
Director Neuroscience Institute
Chairman, Department of Neurosurgery
Cleveland Clinic Florida
Weston, FL

Kaith K. Almefty, MD
Assistant Professor of Neurosurgery
Department of Neurosurgery
Barrow Neurological Institute
Chandler, Arizona

Rami Almefty, MD
Barrow Neurological Institute
Phoenix, AZ

Kenan Arnautovic, MD, PhD, FAANS, FACS
Professor of Neurosurgery
Department of Neurosurgery
University of Tennessee
Semmes-Murphey Clinic
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Samer Ayoubi, MD, FRCS (Ireland)
Consultant Neurosurgeon
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Abbassi Medical Centre
Damascus, Syria

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Professor and Chairman
Department of Neurosurgery
Federal University of Parana
Curitiba, Parana, Brazil

Ketan R. Bulsara, MD, MBA
Professor and Chief, Division of Neurosurgery
Director of Neurovascular/
Endovascular Surgery
Director of Brain Tumor/Skull Base
Microsurgery
University of Connecticut
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Benedicto O. Colli, MD, PhD
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of Surgery and Anatomy
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São Paulo, Brazil

Jean G. de Oliveira, MD, PhD, IFAANS
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of Surgery/Division of Neurosurgery
Santa Casa De São Paulo School of
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Division of Cerebrovascular
and Skull Base Surgery
Center of Neurology and Neurosurgery
Associates (CENNA)
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São Paulo-SP, Brazil

Ian Dunn, MD
Associate Professor
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Brigham & Women's Hospital
Harvard Medical School
Boston, MA

Mark B. Eisenberg, MD, FAANS
Associate Professor
Director, Skull Base Center
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Northwell Health
Great Neck, NY

Marcus L. Ware, MD, PhD
Medical Director for
Neurosurgical Oncology
Department of Neurosurgery
Ochsner Medical Center
New Orleans, LA

Faculty subject to change, for updates, please go to <http://pa.slu.edu>

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