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Practical Anatomy & Surgical Education  
3839 Lindell Boulevard • St. Louis, Missouri, USA • 63108-3413

31ST ANNUAL  
**SKULL BASE APPROACHES**  
MICROSCOPIC AND  
ENDOSCOPIC

**April 21-23, 2020**

[slu.edu/medicine/pase](http://slu.edu/medicine/pase)



31ST ANNUAL  
**SKULL BASE APPROACHES**  
MICROSCOPIC AND ENDOSCOPIC



**2020**  
**April 21-23**

ST. LOUIS, MISSOURI, USA

Midas Rex Training  
to be held on  
April 20, 2020

Hands-On Cadaver Course

Course Director:  
**Paulo A. S. Kadri, MD**

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

Honored Guests:  
**Sébastien Froelich, MD**  
**John A. Jane, Jr., MD**



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

## Tuesday, April 21, 2020

7:00 AM - 8:00 PM

### Anterior Skull Base Approaches

- ▶ Opening Lecture: Mastering Microneurosurgery and Skull Base Approaches in a War Zone
- ▶ Lecture and 3-D Video Demonstration: Cranio-Orbital-Zygomatic Approach; 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
- ▶ 30th Anniversary Welcome Reception: Scape American Bistro Wineroom

## Wednesday, April 22, 2020

7:30 AM - 5:30 PM

- ▶ Lecture and 3-D Video Presentation: Mastoidectomy and Posterior Petrosal Approach
- ▶ **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
- ▶ Discussion: Controversies in Skull Base Surgery – Cases Submitted by Attendees

## Thursday, April 23, 2020

7:30 AM - 5:30 PM

### Posterior Skull Base Approach

- ▶ Lecture and 3-D Presentation: Transcondylar Approach
- ▶ **Hands-On Laboratory:** Transcondylar Approach
- ▶ Lecture and 3-D Video Presentation: Surgical Approach to the Jugular Foramen
- ▶ **Hands-On Laboratory:** Jugular Foramen

## Course Director

### Paulo A. S. Kadri, MD

Professor, Department of Neurosurgery  
Federal University of Mato Grosso do Sul  
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 Medical School  
Boston, MA

## Honored Guests

### Sébastien Froelich, MD

Professor and Chair  
Chairman of the WFNS Skull Base Committee  
Department of Neurosurgery  
Lariboisière Hospital  
Paris Diderot University  
Paris, France

### John A. Jane, Jr., MD

Professor of Neurosurgery and Pediatrics  
Department of Neurosurgery  
University of Virginia School of Medicine  
Charlottesville, VA

## Invited Faculty

### Emad About, 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. Al-Mefty, MD

Assistant Professor  
Department of Neurosurgery  
Barrow Neurological Institute  
Chandler, Arizona

### Rami Al-Mefty, MD

Assistant Professor  
Department of Neurosurgery  
Lewis Katz School of Medicine at Temple University  
Philadelphia, PA

### Kenan Arnautovic, MD, PhD, FAANS, FACS

Professor of Neurosurgery  
Department of Neurosurgery University of Tennessee  
Semmes-Murphey Clinic  
Memphis, TN

### Samer Ayoubi, MD, FRCS (Ireland)

Consultant Neurosurgeon  
Department of Neurosurgery  
Abbassi Medical Centre  
Damascus, Syria

### Wenya Linda Bi, MD, PhD

Assistant Professor of Neurosurgery  
Harvard Medical School  
Department of Neurosurgery  
Brigham and Women's Hospital  
Boston, MA

### Luis A. B. Borba, MD, PhD

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  
Farmington, CT

### Benedicto O. Colli, MD, PhD

Professor and Chairman  
Division of Neurosurgery,  
Department of Surgery and Anatomy  
Ribeirão Preto Medical School  
University of São Paulo  
São Paulo, Brazil

### Jean G. de Oliveira, MD, PhD, IFAANS

Professor of Neurosurgery  
Santa Casa School of Medicine  
São Paulo, Brazil

### Ian Dunn, MD

Chairman  
Department of Neurosurgery  
Oklahoma University School of Medicine  
Oklahoma City, OK

### Mark B. Eisenberg, MD, FAANS

Chief, Dept of Neurosurgery LIJ Medical Center  
Director, Skull Base Center  
Cushing Neuroscience Institute  
Northwell Health  
Great Neck, NY

### Kadir Erkmen, MD, FAANS

Professor and Vice Chairman  
Department of Neurosurgery  
Lewis Katz School of Medicine at Temple University  
Philadelphia, PA

### Georges E Haddad, MD, FRCS (C)

Clinical Associate Professor  
Department of Surgery, Division of Neurosurgery  
American University of Beirut  
Beirut, Lebanon

### Michael J. Harrison, MD

Staff Neurosurgeon  
Southcoast Neurosurgery  
Dartmouth, MA

### Lucas L. Possatti, MD

Assistant Professor  
Department of Neurosurgery  
Neurological Institute of Espirito Santo  
Santa Casa de Misericórdia de Vitoria Medical School  
ES, Brazil

### Marcio Rassi, MD

Assistant Professor of Neurosurgery  
Department of Surgery  
Evangelic University Hospital of Curitiba  
School of Medicine of Faculdade Evangélica do Paraná  
Curitiba, Parana – Brazil

### Robert D. Strang, MD

Department Chair Neurosurgery  
Springfield Neurological & Spine Institute  
Clinical Instructor and Residency Site Director  
Division of Neurological Surgery University of Missouri  
Springfield, MO

### Daryoush Tavaniaiepour, MBChB, MD

Chairman Department of Neurosurgery  
Director, UF Health Skull Base Center  
University of Florida,  
College of Medicine, Jacksonville  
Jacksonville, FL

Faculty subject to change, for updates, please go to [slu.edu/medicine/pase](http://slu.edu/medicine/pase)

## REGISTRATION:

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

<http://slu.edu/medicine/pase>

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

## TUITION FEES:

Physicians: .....\$2495  
Residents/Fellows/USA Military: .....\$1395

The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.

## 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

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.

Credit Designation: Saint Louis University School of Medicine designates this live activity for a maximum of 24.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

