Practical Anatomy
Our Mission Statement: Practical Anatomy & Surgical Education and Center for Anatomical Science and Education, Saint Louis University School of Medicine, is dedicated to the development and presentation of innovative medical health and science workshops. Practical Anatomy strives to promote the concept of lifelong learning by utilizing the latest technology to connect young people, residents, health care professionals and surgeons to world-class experts and faculty.

2nd Annual Saint Louis University Department of Neurosurgery Combined Ventricular and Skull Base Endoscopy Course for Neurosurgeons: Hands-On Cadaver Course
September 4-6, 2014 | http://pa.slu.edu

Course Director: Samer K. Elbabaa, MD, FAANS, FACS
Honored Guest: Robert F. Keating, MD

Register on-line at http://pa.slu.edu
Contact us: mailto:pa@slu.edu
Ventricular Anatomy and Basic Intra-Ventricular Procedures

- Basics of Neuro-Endoscopy, Equipment and Surgical Planning - Endoscopic Ventricular Anatomy
- Endoscopic Third Ventriculostomy Technique, Indications and Outcomes
- Endoscopic Management of Complex Hydrocephalus - Endoscopic Septal Fenestration
- Endoscopic Shunt Placement
- 3D Demonstration and Hands-On Laboratory:
  - Endoscopic Third Ventriculostomy
  - Endoscopic Septum Pellucidum Fenestration
  - Endoscopic Shunt Placement
  - Use of Endoscopic Navigation

Advanced Intra-Ventricular and Craniofacial Procedures

- Endoscope-Assisted Craniofacial Correction of Craniosynostosis
- Endoscopic Biopsy/ Resection of Intra-ventricular Tumors
- Endoscopic Excision of Collid Cyst/ Third Ventricular Lesions
- Overview of Cadaveric Intra-Ventricular Tumor Model
- 3D Demonstration and Hands-On Laboratory:
  - Endoscopic Biopsy/ Resection of Intra-ventricular Tumors
  - Endoscopic Excision of Collid cyst/ Approach to the Third Ventricle - Cadaveric Intra-ventricular Tumor Model
  - Endoscope-Assisted Intra-Ventricular Microsurgery
- Open Discussion of Endoscopic Ventricular Case (Faculty and Participants)

Endoscopic Approaches to the Skull Base

- Basic Sinus and Skull Base Anatomy
- Endoscopy Versus Microsurgery: When and Why?
- Standard and Expanded Endo-Nasal Trans-Sphenoidal Approach to the Sella
- 3D Podium Dissection:
  - Standard Endo-Nasal Trans-Sphenoidal Approach to the Sella
  - Expanded Endo-Nasal Trans-Sphenoidal Approach to the Sella and Par-Sella Lesions
- Hands-On Laboratory: Standard Endo-Nasal Trans-Sphenoidal Approach to the Sella
- Endoscopic Approaches/Outcomes to Anterior Skull Base Meningiomas
- Endoscopic Trans-Sphenoidal Pituitary Tumor Surgery
- Endoscopic Trans-Planum Approach
- Endoscopic Nasoseptal Flap Reconstruction
- Endoscopic Skull Base Reconstruction and CSF Leak Repair
- Endoscope-Assisted Microsurgery for Vascular Lesions
- Endoscopic and Endoscope-Assisted Management of Craniohypophysegomas
- Hands-On Laboratory:
  - Expanded Endo-Nasal Trans-Sphenoidal Approach to the Sella and Par-Sella Lesions
  - Endoscopic Approaches to the Anterior Skull Base
  - Endoscopic Nasoseptal Flap Reconstruction and CSF Leak Repair
- Open Discussion of Endoscopic Skull Base Cases (Faculty and Participants)

REGISTRATION DETAILS & COURSE FEES

TUITION FEES:
- Physicians: $1895
- Residents/Fellows/USA Military: $1125

COURSE DIRECTOR:
Samer K. Elbabaa, MD, FAANS, FACS
Reinert Endowed Chair in Pediatric Neurosurgery
Associate Professor of Neurosurgery
Director, Division of Pediatric Neurosurgery
Department of Neurological Surgery
Saint Louis University School of Medicine
Saint Louis, MO

HONORED GUEST:
Robert F. Keating, MD
Professor and Chief
Department of Neurosurgery
Children’s National Medical Center
Washington, DC

INVITED FACULTY:
Khaled Aziz, MD, PhD
Assistant Professor of Neurosurgery
Division of Complex Intracranial Surgery
Drexel University College of Medicine
Philadelphia, PA

Mohamed El Beltagy, MD
Chief Neurosurgeon, Children’s Cancer Hospital Egypt
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Cairo University Hospital
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Cristian Gragnaniello, MD
Neurosurgeon
Cerebrovascular and Skull Base Fellow, Royal Adelaide Hospital
Senior Lecturer, University of England
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James K. Liu, MD, FAANS, FACS
Director, Center for Skull Base and Pituitary Surgery
Associate Professor of Neurosurgery
Departments of Neurological Surgery and Otolaryngology – Head and Neck Surgery
Neurological Institute of New Jersey
Rutgers New Jersey Medical School
Newark, NJ

Faculty subject to change.

EDUCATIONAL OBJECTIVES
This workshop has been designed to provide the neurosurgeons the opportunity to enhance their own skills in a variety of endoscopic approaches to the ventricles and skull base. The participants will:
• Review and perform endoscopic surgical approaches to the lateral ventricles, perform endoscopic third ventriculostomy, perform endoscopic placement of shunt, perform endoscopic septum fenestration and remove intraventricular tumors.
• Review and perform endoscopic surgical approaches to the anterior, lateral and posterior skull base on cadaveric specimens
• Learn and discuss the indications and differences between standard microsurgical and endoscopic approaches.
• Discuss the surgical techniques and complexity of the various surgical approaches reviewed, viewing surgical videos and interacting with the world renowned experts in the field.
• Discuss complication avoidance and management

CONTINUING EDUCATION
Saint Louis University School of Medicine designates this live activity for a maximum of 22.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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