Two-Day Resident & Fellow Training

7TH ANNUAL Hands-On Comprehensive Neuro-Endoscopy Course
Introduction to Minimally Disruptive Subcortical Neurosurgery: Concepts of a Systems Approach

Friday, March 2 and Saturday, March 3, 2018
USC Keck School of Medicine
Surgical Skills Simulation and Education Center
2250 Alcazar Street • Los Angeles, CA 90033

- Intraventricular neuro-endoscopy
- Endoscopic endonasal skull base surgery
- Minimally-invasive endoscopic “keyhole” craniotomy
- Perfusion-based simulation for intraventricular neuro-endoscopy, carotid artery injury, and CSF leak repair
- Full day of exoscopic subcortical parafascicular neurosurgery

Full Agenda on Page 2

HOST
Gabriel Zada, MD, MS, FAANS
Associate Professor of Neurosurgery
USC School of Medicine
Director, Keck USC Endoscopic Skull Base Surgery Program

CO-HOST
Bozena B. Wrobel, MD
Associate Professor of Otolaryngology and Neurological Surgery
Director, USC Rhinology and Endoscopic Anterior Skull Base Surgery
USC Caruso Department of Otolaryngology Head and Neck Surgery

FACULTY

SCAN or CLICK to Register

REGISTER NOW
DAY 1: Friday, March 2

**Introduction to Minimally Disruptive Subcortical Neurosurgery: Concepts of a Systems Approach**

**Part 1: Subcortical Tumors and Lesions**

- 7:30 a.m. Registration and Breakfast
- 8:00 a.m. Welcome
- 8:15 a.m. Overview: A Systems Approach to Subcortical Neurosurgery
- 9:00 a.m. Surgical Applications: Applied Experience in Tumors & Lesions
- 9:45 a.m. BREAK
- 10:15 a.m. Fascicular Anatomy and Common Corridors for Tumors
- 10:15 a.m. Lab Overview: Subcortical Exoscopic Tumor Surgery
- 12:00 p.m. LUNCH

**Part 2: Subcortical ICH**

- 12:30 p.m. Surgical Applications: Applied Experience in Vascular Abnormalities
- 1:15 p.m. Complication Avoidance: Patient Selection, Case Examples & Lessons Learned
- 1:45 p.m. Intraventricular Neuro-Endoscopy: An Overview
- 2:15 p.m. BREAK
- 2:30 p.m Lab Overview: ICH and ICH Skills Lab
- 4:00 p.m. Intraventricular Neuro-Endoscopy Lab Module
- 5:00 p.m. Wrap-up and Course Dismissal

DAY 2: Saturday, March 3

**Endoscopic Endonasal Pituitary and Skull Base Surgery**

**Part 1: General Principles and Direct Endoscopic Endonasal Approaches**

- 7:30 a.m. Breakfast
- 8:00 a.m. Introduction
- 8:10 a.m. Overview of Endoscopic Skull Base Surgery: General Principles
- 8:30 a.m. Basic Endoscopic Sinus Approaches and the Lothrop Procedure
- 9:00 a.m. Direct Endoscopic Transsphenoidal Approach to the Sella
- 9:30 a.m. BREAK
- 10:00 a.m. Workshop: Endoscopic Transsphenoidal Approach to the Sella
- 11:30 a.m. LUNCH

**Part 2: Extended Endoscopic Endonasal Approaches**

- 12:30 p.m. Principles of Endoscopic Skull Base Repair and the Pedicled Naso-septal Flap
- 1:00 p.m. Extended Endonasal Approaches to the Anterior Cranial Fossa for Sinonasal Malignancies
- 1:30 p.m. Extended Endoscopic Approaches: The Transtuberculum and Transclival Approaches
- 2:00 p.m. Lateral Extended Endoscopic Approaches: Transpterygoid and Transmaxillary Approaches
- 2:30 p.m. Workshop: Extended Skull Base Endoscopic Approaches, Including Carotid Artery Injury and CSF Perfusion Simulation Models

Contact: Jennifer Oakley | Oakley Meetings and Events | (201) 787-7299 | jennifer@oakleymeetingsandevevents.com