Course Director
Nicholas Bambakidis

Faculty
Carl Snyderman, Paul Gardner, Kenny Rodriquez, Maroun Semaan, Sarah Mowry, Cliff Megerian, Peter Weisskopf, Joseph Zabramski, Peter Nakaji, Louis Kim, Michael Link, Pablo Recinos, Yin Hu

Course Description
This Boot Camp course is designed for Neurosurgery Skull Base Fellows or recent Neurosurgery graduates with an interest in skull base surgery. The 2-day intensive course will include a combination of lectures, case-based discussions, and cadaver dissections designed to cover the basic surgical approaches and anatomy required of every skull base neurosurgeon. Faculty will include neurosurgeons and ENT surgeons who will demonstrate both posterolateral transtemporal surgical approaches as well as endoscopic endonasal anatomy and surgical options.

Learning Objectives
Upon completion of this course, attendees will be able to:

- Discuss indications for surgical treatment of lesions of the cranial skull base
- Perform endoscopic endonasal approaches to the anterior cranial skull base and sella
- Describe transtemporal approaches to the cerebellopontine angle and posterior cranial skull base
- Perform skull base approaches to the middle and posterior cranial fossa

Accreditation
The Congress of Neurological Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement
The CNS designates this live activity for a maximum of 17.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Tuesday, August 29, 2017 Posterolateral Skull Base Approaches

7:00-7:30 AM
Welcome and Breakfast

7:30-8:00 AM
Anatomy of the Posterolateral Skull Base
Joseph Zabramski

8:00-8:45 AM
Indications and Approaches for the Management of Acoustic Neuromas and Meningiomas
Michael Link

8:45-9:30 AM
Posterolateral Skull Base Approaches for the Treatment of Aneurysm and Bypass
Louis Kim

9:30-10:00 AM
Approaches and Indications for the Treatment of Cavernous Malformations and AVM
Peter Nakaji

10:00-10:30 AM
The Far Lateral Approach and Its Variations
Nicholas Bambakidis

10:30-11:45 AM
Transpetrous and Combined Approaches
Maroun Semaan, Sarah Mowry, Peter Weisskopf, Cliff Megerian

11:45-12:30 PM
Break and Lunch

12:30-5:00 PM
Laboratory Session
Retrosigmoid/Tranlabyrinthine/Transpetrosal, Far Lateral Approach and Variations

7:00 PM
Course Dinner

Wednesday, August 30, 2017
Endonasal Endoscopic Approaches to the Anterior Cranial Skull Base

7:00-7:30 AM
Welcome and Breakfast

7:30-8:00 AM
Basic Intra-Nasal Anatomy and Anatomy of the Pituitary Gland and Parasellar Region
Kenny Rodriguez

8:00-8:20 AM
Equipment Set Up and Operating Room Strategy
Carl Synderman
8:20-8:45 AM
**Indications for Surgical Resection of Endonasal Pathology**
Pablo Recino

8:45-9:30 AM
**Resection Techniques with Intraoperative Examples**
Paul Gardner

9:30-10:15 AM
**Reconstruction of the Surgical Defects**
Carl Snyderman

10:15-11:00 AM
**Orbitozygomatic Approaches and Variations**
Yin Hu

11:00-11:45 AM
**Break and Lunch**

11:45–5:00 PM
**Laboratory Session**
Endonasal Endoscopic Approaches, Orbitozygomatic Approaches and Variations

5:00 PM
**Course Adjourns and Departure**