Skull Base Fellows Course
September 16–17, 2021 ● Cleveland, Ohio

Course Director
Nicholas C. Bambakidis

Faculty
Sepideh Amin-Hanjani, Ashok R. Asthagiri, Brian D’Anza, Paul A. Gardner, Chad A. Glenn, Yin C. Hu, Louis J. Kim, Nauman Manzoor, Sarah E. Mowry, Peter Nakaji, Abhishek Ray, Alejandro Rivas, Kenneth Rodriguez, Maroun Semaan, Carl H. Snyderman, Peter Weisskopf, Joseph M. Zabramski

Course Description
This course is designed for skull base fellows or early-career neurosurgeons with an interest in skull base surgery. The two-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 Statement
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME). The Congress of Neurological Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement
The CNS designates this live activity for a maximum of 16.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Agenda

Thursday, September 16
*Posterolateral Skull Base Approaches*

7:00–7:30 am
**Welcome and Breakfast**

7:30–8:00 am
**Anatomy of the Posterolateral Skull Base**
Joseph M. Zabramski

8:00–8:45 am
**Indications and Approaches for the Management of Skull Base Pathology**
Nicholas C. Bambakidis

8:45–9:30 am
**Management of Acoustic Neuromas—The Retrosigmoid Approach**
Ashok R. Asthagiri

9:30–10:15 am
**The Far Lateral Approach and Its Variations**
Louis J. Kim

10:15–11:15 am
**Transpetrous and Combined Approaches**
Sarah E. Mowry, Maroun Semaan, Alejandro Rivas, Peter Weisskopf

11:15 am–12:00 pm
**Break and Lunch**

12:00–4:30 pm
**Laboratory Session**
Retrosigmoid/Translabyrinthine/Transpetrosal, Far Lateral Approach and Variations

5:30 pm
**Shuttle departs Courtyard Marriott for course dinner**

6:00 pm
**Course Dinner**
Friday, September 17
Endonasal Endoscopic Approaches to the Anterior Cranial Skull Base

7:00–7:30 am
Breakfast

7:30–8:00 am
Basic Intra-nasal Anatomy and Anatomy of the Pituitary Gland and Parasellar Region
Kenneth Rodriguez

8:00–8:20 am
Equipment Setup and Operating Room Strategy
Carl H. Snyderman

8:20–8:45 am
Resection Techniques with Intraoperative Examples
Paul A. Gardner

8:45–9:30 am
Reconstruction of the Surgical Defects
Carl H. Snyderman

9:30–10:15 am
Surgical Options for Intraorbital Pathology
Abhishek Ray

10:15–10:45 am
The Orbitozygomatic Approach: Variations and Indications
Peter Nakaji

10:45–11:15 am
The Anterior Clinoidectomy for the Treatment of Paraclinoid Aneurysms
Sepideh Amin-Hanjani

11:15 am–12:15 pm
Surgical Case Examples and Indications
Brian D’Anza, Chad A. Glenn, Yin C. Hu, Kenneth Rodriguez

12:15–1:00 pm
Break and Lunch

1:00–5:00 pm
Laboratory Session
Endonasal Endoscopic Approaches, Orbitozygomatic Approaches and Variations

5:00 pm
Course Adjourns and Departure

*Agenda and faculty subject to change