Skull Base Fellows Course

September 1-2, 2022 ● Cleveland, Ohio

Course Director

Nicholas C. Bambakidis

Faculty

Sepideh Amin-Hanjani, Ashok R. Asthagiri, Brian D'Anza, Garni Barkhoudarian, Paul A. Gardner, Yin C. Hu, Louis J. Kim, Sarah E. Mowry, Peter Nakaji, Maryam Rahman, Abhishek Ray, Alejandro Rivas, Kenneth Rodriguez, Maroun Semaan, Carl H. Snyderman, Peter Weisskopf, Joseph M. Zabramski

Reviewers: Garni Barkhoudarian, Maryam Rahman

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 1

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

8:00–8:30 am
Indications and Approaches for the Management of Skull Base Pathology
Nicholas C. Bambakidis

8:30–9:00 am
Management of Acoustic Neuromas—The Retrosigmoid Approach
Ashok R. Asthagiri

9:00-9:30
Endoscopic Approaches to the Posterior Cranial Skull Base
Garni Barkhoudarian MD

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

6:30 pm
Shuttle departs Courtyard Marriott for course dinner

7:00 pm
Course Dinner

Friday, September 2

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, 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