



Congress of  
Neurological  
Surgeons

## 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, 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

**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 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**

6:30 pm

#### **Shuttle departs Courtyard Marriott for course dinner**

7:00 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, 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*

**CNS Disclosure Policy:**

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**Any planner, reviewer or faculty member not on the disclosure list has reported they have nothing to disclose.**

**All relevant financial relationships have been mitigated.**

**REVIEWER(S)**

Individual's Name	Name of Commercial Interest(s)	Nature of Relationship(s)
Maryam Rahman		Nothing to Disclose
Garni Barkhoudarian	Vascular Technologies Inc (VTI) Cerevasc (Data Monitoring Committee)	Consulting Fee

**FACULTY**

Individual's Name	Name of Commercial Interest(s)	Nature of Relationship(s)
Paul Gardner	Gleolan (principal investigator)	Contracted Research
	SPIWay, LLC	Ownership Interest - Future Stock Options
	Renerva	Ownership Interest - Own Stocks
	Peter Lazic, US, Inc.	Royalty
Louis J. Kim	Spiway, LLC	Future Stock Options
	Spi Surgical, LLC Spiway, LLC	Ownership Interest - Own Stocks
Sarah E. Mowry	Cochlear Americas, Corp. Stryker	Consulting Fee
Peter Nakaji	GT Medical Technologies	Ownership Interest - Own Stocks
	OsteoMed	Receipt of IP
		Royalty
Carl H. Snyderman	SPIWay, LLC	Ownership Interest - Future Stock Options
	Peter Lazic US, Inc.	Royalty

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