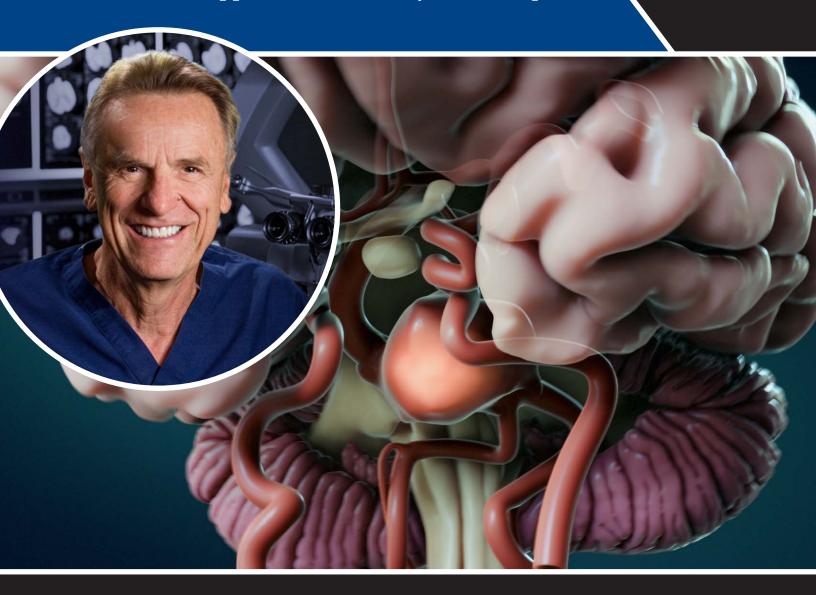
# 2026 Annual Spetzler Microneurosurgery Course Barrow Neurological Institute



Microneurosurgery of the Skull Base: Fundamentals, Approaches, Anatomy & Techniques



Jan. 8-9, 2026

Phoenix, Arizona

For more information: BarrowNeuro.org/SkullBase2026

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## **Course Description**

The Barrow Neurological Institute Division of Neurological Surgery announces the Spetzler Microneurosurgery Course, with course director, Michael T. Lawton and special guest, Robert F. Spetzler. BNI Neurosurgery Faculty, along with invited guest faculty, will lead a didactic-practical course in neurosurgical approaches and anatomy combined with clinical correlation of cerebrovascular and brain tumor management of the anterior regions of the cranium and skull base. This course is designed for neurosurgery residents and fellows and will address surgical anatomy, surgical approaches and strategies, and clinical review. It is a full twoday course designed with intense instruction and discussion for 32 participants. Didactic instruction will feature 3D and digital video microanatomy, recorded surgery, and correlated discussion for cerebrovascular and tumor pathology. The clinical information will be used to make the practical anatomical dissection practice come alive. Exquisitely preserved cadaver tissue with vascular injection will provide the platform for lengthy dissection periods led by a master at the head station with other faculty mentors. Each station will have state-of-the-art instrumentation and microscopes.

## **Objectives**

- Become intimately familiar with microneurosurgical anatomy for anterior region cranial and skull base surgical approaches
- Learn appropriate visualization, technique, and approaches for neurosurgery at the skull base
- Correlate clinical pathological information with the corresponding anatomic region
- Combine anatomy and pathology information into decision-making for surgical approach selection
- Explore discuss, and learn options from experienced neurosurgical faculty for surgical treatment of pathology at the anterior region skull base;
- Practice surgical approaches utilizing image guidance assistance with applied knowledge from didactic and discussion sessions on preserved-injected cadaver specimens



# Barrow Neurosurgery Research Laboratory Marian Rochelle Neuroscience Research Center Building

#### Mark C. Preul, MD

Director of the Neurosurgery Research Laboratory

The course will take place at the Neurosurgery Research Laboratory of the Barrow Neurological Institute Department of Neurosurgery, which is a world-class education, training, and research facility with a specialization in neurosurgical anatomy. The facility is well known for exquisite cadaver tissue specimens and features independent surgical stations fully equipped with operating microscopes, suction, irrigation, standard head frames, microsurgical and power instrumentation, 3D surgical projection, high definition flat screens, and fully trained attendant staff.

## General Information

#### **Course Location**

Loyal and Edith Davis Neurosurgery Research Laboratory, Barrow Neurological Institute St. Joseph's Hospital, 350 West Thomas Road, Phoenix, Arizona 85013

## **Laboratory Contact Information:**

Neurosurgery Research Department: (602) 406-3268

**Main:** (602) 406-3000 **Fax:** (602) 406-4153

**Email:** William.Bichard@DignityHealth.org

## **Approved Accommodations:**

# **Embassy Suites by Hilton Phoenix Downtown North**

10 East Thomas Road, Phoenix, AZ 85012 (602) 222-1111

Three blocks from the lab/walking distance No hotel shuttle service

## Hampton Inn Phoenix-Midtown-Downtown Area

160 West Catalina Drive, Phoenix, AZ 85013 (602) 200-0990

Across the street from the lab/walking distance No hotel shuttle service

### Fairfield Inn and Suits Phoenix (Marriott)

2520 North Central Avenue, Phoenix, AZ 85004 (602) 716-9900 0.6 miles from the lab Hotel shuttle runs between 6 a.m.-10 p.m.

## Wyndham Garden Phoenix I Ramada Phoenix

Second Avenue and Osborne Road, Phoenix, AZ 85013 WyndhamHotels.com (602) 604-4900 Wyndham Garden (602) 595-4444 Ramada Phoenix

#### **Taxi Contacts:**

**AAA Yellow Cab:** (602) 252-5252 **Discount Cab:** (602) 200-2000 **Execucar:** (800) 410-4444

#### **Dinner:**

A special course dinner is planned for Thursday, Jan. 8, 2026 at 7 p.m. Participants, vendors and faculty are welcome to enjoy this special evening at no additional cost. **Transportation is offered only from the listed hotels.** 

# Schedule

## Thursday, Jan. 8, 2026

7 a.m7:30 a.m.	Breakfast   Marley Lobby
7:30 a.m7:45 a.m.	Welcome   Goldman Auditorium
7:45 a.m8:15 a.m. 8:15 a.m8:45 a.m. 8:45 a.m9:15 a.m.	Pterional/Orbitozygomatic Approach Anatomy of Anterolateral Skull Base I <i>Zabramski</i> Technique: Pterional Craniotomy I <i>K. Almefty</i> Orbitozygomatic Approach I <i>David</i>
9:15 a.m 11:45 a.m.	Lab Dissection
11:45 a.m12:45 p.m.	<b>Lunch</b>   Marley Lobby
12:45 p.m1:15 p.m. 1:15 p.m1:45 p.m. 1:45 p.m2:15 p.m.	Cavernous Sinus  Anatomy of Clinoids & Superior Cavernous Sinus   Benet  Technique: Transcavernous Approach   David  Clinical Applications   Lawton
2:15 p.m4:30 p.m.	Lab Dissection

# Schedule

## Friday, Jan. 9, 2026

6:30 a.m 7:30 a.m.	Breakfast   Marley Lobby
7:30 a.m 8:30 a.m. 8:30 a.m 9:30 a.m.	Middle Cranial Fossa  Operative Nuances   Spetzler   Goldman Auditorium  Kawase Approach   David
9:30 a.m11:45 a.m.	Lab Dissection
11:45 a.m12:45 p.m.	<b>Lunch</b>   Sonntag Pavilion
12:45 p.m1:15 p.m. 1:15 p.m1:45 p.m. 1:45 p.m2:15 p.m.	Far Lateral Anatomy of CP Angle   Benet Far Lateral Approach   David Clinical Applications   Lawton
2:15 p.m5 p.m.	Lab Dissection
5 p.m.	Wrap-up

## **Course Faculty**

## **Distinguised Senior Faculty**

Robert F. Spetzler, MD

**Emeritus President & CEO** 

Emeritus Chair, Department of Neurological Surgery

Barrow Neurological Institute

## **Course Director**

Michael T. Lawton, MD

President & CEO

Professor & Chair, Department of Neurological Surgery

Robert F. Spetzler Endowed Chair in Neurosciences

Chief, Division of Neurovascular Surgery

Barrow Neurological Institute

#### **Lab Director**

Mark C. Preul, MD

Newsome Family Endowed Chair of Neurosurgery Research Director, Neurosurgery Research Division of Neurological Surgery Barrow Neurological Institute

#### **Course Coordinator**

William D. Bichard

**Clinical Coordinator** 

Barrow Neurological Institute

## **Invited Faculty**

Carlos David, MD

University North Carolina
Chapel Hill School of Medicine
Division Chief, Cerebrovascular &
Skull Base Surgery
Vice Chair of Education, Clinical Skills Lab
Residency Program Director

Professor

## **Faculty**

Joseph M. Zabramski, MD

Neurosurgery Assistant Professor Barrow Neurological Institute

Kaith Almefty, MD

Neurosurgery Assistant Professor Barrow Neurological Institute

Arnau Benet, MD

Resident

Barrow Neurological Institute

## 2026 Annual Spetzler Microneurosurgery Course Microneurosurgery of the Skull Base: Fundamentals, Approaches, Anatomy & Techniques

Residents: \$300

## **REGISTER NOW**

BarrowNeuro.org/SkullBase2026

For more information, please contact the Barrow Continuing Medical Education Office at CME@BarrowNeuro.org or (602) 406-3067.

## **Refunds:**

To ensure adequate spaces and planning for the course, no refunds are given for canceled registrations.





350 W. Thomas Rd. Phoenix, AZ 85013

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## 2025 Annual Spetzler Microneurosurgery Course Barrow Neurological Institute

Microneurosurgery of the Skull Base: Anterior Approaches, Anatomy & Techniques



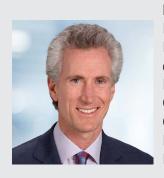
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