2019 Annual Spetzler Microneurosurgery Course
Barrow Neurological Institute
Microneurosurgery of the Skull Base: Posterior Approaches, Anatomy & Techniques

January 10-11, 2019
Phoenix, Arizona

For more information:
www.barrowneuro.org/education/find-a-conference-or-cme-course/
Spetzler Microneurosurgery Course:  
Posterior Approaches, Anatomy & Techniques  

January 10-11, 2019

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 lateral regions of the cranium and skull base. This course is designed for neurosurgeons, residents, and fellows and will address surgical anatomy, surgical approaches and strategies, and clinical review. It is a full 2-day course designed with intense instruction and discussion for 24 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 posterior 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 posterior region skull base;
- Practice surgical approaches utilizing image guidance assistance with applied knowledge from didactic and discussion sessions on preserved-injected cadaver specimens

Course Description

BNI Neurosurgery Research Laboratory  
Marion 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 Division of Neurological Surgery 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
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
3 blocks from the lab.
Hotel shuttle runs between 7:00am – 10:45pm.

Hampton Inn Phoenix-Midtown-Downtown Area
160 W. 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
602-716-9900
0.6 miles from the lab.
Hotel shuttle runs between 6:00am – 10:00pm.

Wyndham Garden Phoenix | Ramada Phoenix
2nd Ave. and Osborn
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, January 10, 2019 at 7:30 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.
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700 - 0730</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>0730 - 0745</td>
<td>Welcome</td>
<td></td>
</tr>
</tbody>
</table>
| 0745 - 0900 | Suboccipital/Telovelar                      | Anatomy of Foramen Magnum | Benet  
Suboccipital/Telovelar Approaches | Sanai  
Clinical Applications | Smith |
| 0915 - 1200 | HANDS-ON LAB DISSECTION                     |                                                  |
| 1200 - 1245 | Lunch                                      |                                                  |
| 1245 - 1400 | Far Lateral                                 | Anatomy of CP Angle | Benet  
Far Lateral Approach | Al Mefty  
Clinical Applications | Buskaya |
<p>| 1400 - 1700 | LAB DISSECTION                              |                                                  |</p>
<table>
<thead>
<tr>
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<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700 - 0715</td>
<td>Breakfast</td>
</tr>
<tr>
<td>0715 - 1000</td>
<td>Supracerebellar</td>
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<td>Anatomy of the Pineal Region</td>
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<tr>
<td></td>
<td>Operative Nuances</td>
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<tr>
<td></td>
<td>Supracerebellar Approach</td>
</tr>
<tr>
<td>1000 - 1200</td>
<td>LAB DISSECTION</td>
</tr>
<tr>
<td>1200 - 1245</td>
<td>Lunch</td>
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<tr>
<td>1245 - 1415</td>
<td>Posterior Interhemispheric</td>
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<td></td>
<td>Occipital Transtentorial Approach</td>
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<td></td>
<td>Interhemispheric Approaches</td>
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<tr>
<td></td>
<td>Clinical Applications</td>
</tr>
<tr>
<td>1415 - 1700</td>
<td>LAB DISSECTION</td>
</tr>
<tr>
<td>1700 Course</td>
<td>Wrap-up</td>
</tr>
</tbody>
</table>
Course Faculty

Distinguished Senior Faculty
Robert F. Spetzler, MD
Emeritus President & CEO
Emeritus Chair, Department of Neurological Surgery
Barrow Neurological Institute Phoenix, Arizona

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 | Phoenix, Arizona

Lab Director
Mark Preul, MD
Newsome Family Endowed Chair of Neurosurgery Research
Director, Neurosurgery Research Division of Neurological Surgery
Barrow Neurological Institute | Phoenix, Arizona

Course Coordinator
William Bichard
Clinical Coordinator
Barrow Neurological Institute | Phoenix, Arizona

Invited Faculty
Jeffrey Bruce, MD
Edgar M. Housepian Professor of Neurosurgery
Vice Chairman of Academic Affairs
Director, Bartoli Brain Tumor Research Laboratory
Co-Director, Brain Tumor Center
Columbia University

Mustafa Buskaya, MD
Professor of Neurosurgery
University of Wisconsin School of Medicine

Faculty
Joseph M. Zabramski, MD
Kaith Almefty, MD
Nader Sanai, MD
Chris Smith, MD
Arnau Benet, MD

For more information, e-mail cme@barrowneuro.org or call (602) 406-3067.
Registration Form
2019 Annual Spetzler Microneurosurgery Course

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

Residents — $200.00

Name ____________________________________________________________

Email __________________________________________________________

Institution ______________________________________________________

Address _________________________________________________________

City____________________________ State_______ Zip ________________

Business Phone________________________ Fax ______________________

Payment

☐ Check or money order payable to: St. Joseph’s Hospital and Medical Center
   (A $20 charge applies to checks returned for insufficient funds.)

☐ Charge my:   ☐ AMEX   ☐ VISA   ☐ MC   ☐ DISCOVER

Card # ________________________________ Expires __________________

Printed Name on Card ____________________________________________

I authorize Barrow Neurological Institute to charge the amount determined by the Barrow Neurological Institute as registration fees to my credit card.

Signature ______________________________________________________

On-site registration will be available as seating permits.

Mail or Fax registration form with payment to:

Barrow Neurological Institute
Conference Planning Office
350 West Thomas Road
Phoenix, Arizona 85013
Charge card registrations can be faxed to 602-294-5028.

For further information, call 602-406-3067 or email cme@barrowneuro.org.

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