

Advanced Training in Open and Endoscopic Surgery: A Hands-on Skull Base Training Program

Comprehensive dissection experience
that includes three lab days



June 23-25, 2023

Downtown Chicago on the campus
of Northwestern Memorial Hospital

Course directors

James P. Chandler, MD, and Robert C. Kern, MD

Bringing together skill sets from neurosurgery and otolaryngology, this comprehensive three-day course offers a unique opportunity to collaborate and learn complex surgical techniques from some of the top experts in the field of skull base pathologies, and to take advantage of the leading-edge technologies and cadaver dissection available in our lab.

The Skull Base Lab team instructs via didactic presentation, 3D and virtual reality (VR) anatomy demonstration, and guided cadaveric dissection. Participating surgeons get hands-on dissection experience using specimens to practice several complex approaches in both open and endoscopic cranial base surgery.

On completion of the course, participants will be able to:

Review the surgical approaches (open and endoscopic) for complex skull base pathologies.

Recognize the advantages of a team-based approach for managing pre-op, peri-op and post-op skull base pathologies.

Demonstrate proficiency in endoscopic instrument handling and standard open skull base approaches.

View the agenda and register online:
nmskullbase.org/advanced-training

Course Details

Location and parking

Northwestern Simulation Laboratory

McGaw Pavilion
240 East Huron Street, Suite LC-0540
Chicago, Illinois 60611

Discounted day and overnight parking will be available at 222 East Huron Street.

Audience

This comprehensive three-day course is designed for both novice and experienced surgeons, residents and fellows in neurosurgery and otolaryngology.

Registration fees

- Attending physician \$2,500
- Trainee \$1,500
- Pair registration (neurosurgery and otolaryngology - head and neck surgery) \$3,500
- Northwestern University Feinberg School of Medicine alumni \$1,500

Breakfast, refreshments and lunch are provided. Space is limited.

Hotel accommodations

We have a limited number of rooms reserved for participants coming from out of town. Please call Laura Jaros at 312.926.3369 or email laura.jaros@nm.org for information.

Accreditation statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit designation statement

The Northwestern University Feinberg School of Medicine designates this live activity for an estimated maximum of *21.75 AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Questions?

Email: laura.jaros@nm.org
Phone: 312.926.3369, TTY: 711

Registration

To register, please visit nmskullbase.org/advanced-training. You can also contact Laura Jaros at 312.926.3369 or laura.jaros@nm.org.

Sponsored by

Northwestern Skull Base Laboratory

Event details are subject to change based on community spread of COVID-19. We will follow Northwestern Medicine safety guidelines at the time of the event.

Course Faculty

Course directors

James P. Chandler, MD
Robert C. Kern, MD

Northwestern faculty

David B. Conley, MD
Osaama Khan, MD
Stephen T. Magill, MD, PhD
Alan G. Micco, MD
Michael Walsh, MD
Kevin C. Welch, MD

Guest speakers

Omar Arnaout, MD
Jean Anderson Eloy, MD,
FACS, FARS
Timothy R. Smith, MD, PhD



Course Agenda

Friday, June 23

- 7:00 am Breakfast and Registration
- 7:15 am **Welcome/Course Overview**
James P. Chandler, MD
- 7:30 am **3D Anatomy**
Michael Walsh, MD
- 8:00 am **Endoscopic Endonasal Sellar With Nasoseptal Flap**
Robert C. Kern, MD
- 8:30 am LAB: Endoscopic Dissection
- 10:00 am **Endoscopic Anterior Cranial Base Resection: Suprasellar Approach**
David B. Conley, MD
- 10:30 am LAB: Endoscopic Dissection
- Noon Lunch With Case Presentations
- 1:00 pm **3D Anatomy**
Michael Walsh, MD
- 1:30 pm **Endoscopic Endonasal Transpterygoid/Transmaxillary Approach to the Middle Cranial Fossa**
Jean Anderson Eloy, MD, FACS, FARS, and Robert C. Kern, MD
- 2:00 pm LAB: Endoscopic Dissection
- 3:30 pm **Endoscopic Endonasal Transclival Approach**
Stephen T. Magill, MD, PhD
- 4:00 pm LAB: Endoscopic Dissection
- 5:30 pm Review and Adjournalment
- 7:00 pm Dinner With Faculty and Participants

Saturday, June 24

- 7:00 am Breakfast, 3D Device Set Up
- 7:30 am **3D Anatomy**
Michael Walsh, MD
- 8:00 am **Transcranial Suprasellar Approaches**
Osaama Khan, MD
- 8:30 am LAB: Open Dissection
- 10:00 am **Lateral Subtemporal Approach to the Middle Cranial Fossa**
Alan G. Micco, MD, and Timothy R. Smith, MD, PhD
- Noon Lunch With Case Presentations
- 1:00 pm **3D Anatomy**
Michael Walsh, MD, and David B. Conley, MD
- 1:30 pm **Anterior Cranial Base Resection: Subfrontal Approach With Pericranial Flap**
James P. Chandler, MD
- 2:00 pm LAB: Open Dissection
- 3:30 pm **Transpetrosal/Far Lateral Approach to the Clivus**
Omar Arnaout, MD
- 4:00 pm LAB: Open Dissection
- 5:30 pm Review and Adjournalment

Sunday, June 25

- 8:00 am Breakfast
- 8:30 am **3D Anatomy**
Michael Walsh, MD
- 8:00 am **Complication Avoidance and Management**
James P. Chandler, MD
- 10:00 am LAB: Open Dissection
- Noon Review and Adjournalment