

# Advanced Training in Open and Endoscopic Surgery: *A Hands-on Approach*

## Agenda

### Friday, April 10th

VR conference room, McGaw 2-320  
Northwestern Simulation Lab, Suite LC-0540

Time	Description		Presenter(s)	Location
7:00am	<b>Registration</b>			NU Simulation Lab
7:15am	Welcome / Course Overview	Dr. James P. Chandler		VR Conference Room
<b><u>Module 1: Endoscopic Sellar/Suprasellar Approaches</u></b>				
7:30am	3D Anatomy	Dr. Michael Walsh		VR Conference Room
8:00am	Endoscopic Endonasal Sellar with Naso septal Flap	Dr. Robert C. Kern		VR Conference Room
8:30am	<b><i>Lab: Endoscopic Dissection</i></b>			Simulation Lab
10.00am	Endoscopic Anterior Cranial Base Resection: Suprasellar Approach	Dr. Gabriel Zada		VR Conference Room
10.30am	Reconstruction of Skull Base	Dr. David B. Conley		VR Conference Room
11.00am	<b><i>Lab: Endoscopic Dissection</i></b>			Simulation Lab
12.00pm	Lunch			VR Conference Room
<b><u>Module 2: Endoscopic Trans Pterygoid/Trans maxillary / Trans clival Approaches</u></b>				
12.30pm	3D Anatomy	Dr. Michael Walsh		VR Conference Room
1.00 pm	Endoscopic Endonasal Trans Clival Approach	Dr. Daniel Prevedello		VR Conference Room
1.30 pm	<b><i>Lab: Endoscopic Dissection</i></b>			Simulation Lab
3.00 pm	Endoscopic Endonasal Trans Pterygoid/Trans Maxillary Approach to the Middle Cranial Fossa	Dr. Jean Anderson Eloy		VR Conference Room
3.30pm	<b><i>Lab: Endoscopic Dissection</i></b>			Simulation Lab
5:30pm	Review and Adjournment	Dr. James P. Chandler		Simulation Lab
7:00pm	Dinner with Faculty and Participants			Steak48, 615 N. Wabash Ave., Reservation name is James P. Chandler

Questions? Contact Ella Henry (650) 665-3397 or Laura Jaros (845) 242-0604

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### Saturday, April 11th

Time	Description		Presenter(s)	Location
7:00am	Breakfast			VR Conference Room
<b>Module 3: Open Suprasellar/Middle Cranial Fossa Approaches</b>				
7:30am	3D Anatomy	Dr. Michael Walsh		VR Conference Room
8:00am	Transcranial Suprasellar Approaches--Orbitozygomatic Approach	Dr. James Liu		VR Conference Room
8:30am	<b>Lab: Open Dissection</b>			Simulation Lab
10:00am	Lateral Sub temporal Approach to the Middle Cranial Fossa with Anterior Petrosectomy	Dr. Timothy Smith & Dr. Kevin Zhan		VR Conference Room
10:30am	<b>Lab: Open Dissection</b>			Simulation Lab
12:00pm	Lunch			NU Simulation Room 0414
<b>Module 4: Trans petrosal/Far Lateral Approaches</b>				
1:00pm	3D Anatomy	Dr. Michael Walsh		VR Conference Room
1:30pm	Far lateral Transcondylar approach	Dr. Daniel Prevedello		VR Conference Room
2:00pm	<b>Lab: Open Dissection</b>			Simulation Lab
3:30pm	Trans Petrosal Approach to the Clivus and Petrous Apex	Dr. Omar Arnaout		VR Conference Room
4:00pm	<b>Lab: Open Dissection</b>			Simulation Lab
5:30pm	Review and Adjournment	Dr. James P. Chandler		Simulation Lab

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# Advanced Training in Open and Endoscopic Surgery: *A Hands-on Approach*

## Agenda Sunday, April 12th

Time	Description	Presenter(s)	Location
7:00am	Breakfast		VR Conference Room
<b><u>Module 5: Complications</u></b>			
8:00am	Complication Avoidance and Management	Dr. James P. Chandler Dr. Gabriel Zada Dr. Osama Khan Dr. James Liu Dr. Stephen T. Magill Dr. Daniel Prevedello	VR Conference Room
9:00am	Open and Endoscopic Transorbital Approach	Dr. Osama Khan	VR Conference Room
10:00am	<b><i>Lab: Open Dissection</i></b>		Simulation Lab
12:00pm	Lunch Review and Adjournment	Dr. James P. Chandler	VR Conference room

### 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.

### American Board of Surgery Continuous Certification Program

Successful completion of this CME activity enables the learner to earn credit toward the CME requirement(s) of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

### Objectives:

- Review the surgical approaches (open and endoscopic) for complex, skull base pathologies.
- Recognize the advantages of a team-based approach for managing pre, peri and post operative skull base pathologies.
- Demonstrate proficient endoscopic instrument handling and performing standard open skull base approaches.
- Master Minimally invasive endoscopic endonasal approaches to the sellar and parasellar area, advanced orbital-zygomatic craniotomy.
- Identify complex skull base pathologies.

This comprehensive course is designed for both novice and experienced surgeons, residents, and fellows in neurosurgery and otolaryngology. Dr. James Chandler and Dr. Robert Kern and the Skull Base team will teach by didactic presentations, 3D and VR anatomy demonstrations and guided cadaveric dissection.