



**Mount
Sinai**

**Otolaryngology-Head and
Neck Surgery and
Neurosurgery**



**1st Annual Skull Base
Dissection Course
November 10th-12th, 2022
Mount Sinai Hospital
New York City, USA**

The Mount Sinai Health System is very excited to announce its inaugural annual anterior and lateral skull base dissection course hosted by the departments of Otolaryngology-Head and Neck Surgery and Neurosurgery. We will be hosting otolaryngologists and neurosurgeons in person from the United States as well as the international community.

This course is a comprehensive review with hands-on training of skull base open and endoscopic approaches. We will be performing a variety of lateral as well as anterior skull base approaches (transcochlear, translabyrinthine, middle fossa, retrosigmoid craniotomies, infratemporal fossa dissection, transnasal anterior cranial base dissection) to offer a thorough assessment around surgical treatment of skull base pathologies.

Course Co-Directors:

Joshua Bederson, MD

Leonard I. Malis, MD/Corinne and Joseph Graber
Professor and Chairman
Department of Neurosurgery
The Icahn School of Medicine at Mount Sinai

Eric M. Genden, MD, MHA, FACS

Isidore Friesner Professor and Chairman
Department of Otolaryngology-Head and Neck Surgery
Senior Associate Dean for Clinical Affairs
The Icahn School of Medicine at Mount Sinai

Alfred Iloreta, MD

Assistant Professor
Department of Neurosurgery and
Department of Otolaryngology
The Icahn School of Medicine at Mount Sinai

Raj Shrivastava, MD

Professor
Department of Neurosurgery and
Department of Otolaryngology
The Icahn School of Medicine at Mount Sinai
Vice Chair for Clinical Affairs for the Department of Neurosurgery
at the Mount Sinai Health System

George Wanna, MD, FACS

Professor and Executive Vice Chairman
Department of Otolaryngology–Head and Neck Surgery
Professor of Neurosurgery
The Icahn School of Medicine at Mount Sinai

Course Faculty:

Maura K. Cosetti, MD

Associate Professor
Department of Otolaryngology-Head and Neck Surgery
Icahn School of Medicine at Mount Sinai
Division of Neurotology
New York Eye and Ear Infirmary of Mount Sinai
Director, The Ear Institute
Director of Cochlear Implants

Anthony Del Signore, MD, PharmD

Assistant Professor
Department of Otolaryngology
The Icahn School of Medicine at Mount Sinai
Director of Rhinology and Endoscopic Skull Base Surgery
at Mount Sinai Union Square

Satish Govindaraj, MD

Associate Professor
Department of Otolaryngology–Rhinology
Department of Neurosurgery
The Icahn School of Medicine at Mount Sinai
Vice Chair of Clinical Affairs in the
Department of Otolaryngology at Mount Sinai

Constantinos G Hadjipanayis, MD, PhD

Professor
Department of Neurosurgery
Department of Oncological Sciences
The Icahn School of Medicine at Mount Sinai
Site Chairman, Department of Neurosurgery,
Mount Sinai Beth Israel

Mohammed Nazir Khan, MD

Assistant Professor
Department of Otolaryngology
The Icahn School of Medicine at Mount Sinai

Enrique Perez, MD, MBA

Assistant Professor
Department of Otolaryngology–Head and Neck Surgery
The Icahn School of Medicine at Mount Sinai
Director of Otology at Mount Sinai Hospital

Benjamin Rapoport, MD, PhD

Assistant Professor
Department of Neurosurgery
The Icahn School of Medicine at Mount Sinai

Scott Allan Roof, MD

Assistant Professor
Department of Otolaryngology–Head and Neck Surgery
The Icahn School of Medicine at Mount Sinai

Madeleine R. Schaberg, MD

Assistant Professor
Department of Otolaryngology-Head and Neck Surgery
Icahn School of Medicine at Mount Sinai
Director of Rhinology, Mount Sinai Downtown
at New York Eye and Ear Infirmary

Zachary Schwam, MD

Neurotology Fellow
Department of Otolaryngology-Head and Neck Surgery
Icahn School of Medicine at Mount Sinai

Todd Spock, MD

Assistant Professor
Department of Otolaryngology–Rhinology
The Icahn School of Medicine at Mount Sinai
Regional Director of Otolaryngology
Elmhurst and Queens Hospitals

PROGRAM

Thursday, November 10, 2022

<u>Eastern Standard Time</u>	<u>Guest Speaker</u>	<u>Topic</u>
1:00-1:15pm	Joshua Bederson, MD Eric Genden, MD Alfred Iloreta, MD Raj Shrivastava, MD George Wanna, MD	Introduction
1:15-2:30pm	Scott Roof, MD M. Nazir Khan, MD Eric Genden, MD Eric Genden, MD George Wanna, MD	Lectures: <ul style="list-style-type: none">• Head & Neck anatomy for the skull base surgeon• Local flaps• Free flaps• Infratemporal fossa anatomy and approach
2:30 – 5:30pm		Lab

Friday, November 11, 2022

Eastern Standard Time	Guest Speaker	Topic
7:30-8:00am		Breakfast
8:00-9:30am	<p>Zachary Schwam, MD</p> <p>Enrique Perez, MD, MBA</p> <p>Maura Cosetti, MD</p> <p>George Wanna, MD</p> <p>Raj Shrivastava, MD</p>	<p>Lectures and panels: Middle fossa</p> <ul style="list-style-type: none"> • Anatomy • SSCD • Encephaloceles/CSF leak • Kawase triangle, petrous apex • Interesting cases
9:30 – 1:00pm		Lab
1:00 – 1:45pm		Lunch
1:45 – 4:00pm		Lab
4:00-5:30am	<p>Zachary Schwam, MD</p> <p>Enrique Perez, MD, MBA</p> <p>Constantinos Hadjipanayis, MD, PhD and M. Nazir Khan, MD</p> <p>Raj Shrivastava, MD</p>	<p>Lectures and panels:</p> <ul style="list-style-type: none"> • Posterior fossa <ul style="list-style-type: none"> ▪ Anatomy ▪ Retrosigmoid, translabyrinthine, transcochlear • Lateral skull base reconstruction • Neurosurgical complications- Dr. Shrivastava

Saturday, November 12, 2022

Eastern Standard Time	Guest Speaker	Topic
7:30-8:00am		Breakfast
8:00-10:00am	<p>Satish Govindaraj, MD</p> <p>Alfred Iloreta, MD</p> <p>Anthony Del Signore, MD</p> <p>Madeleine Schaberg, MD</p> <p>Alfred Iloreta, MD</p> <p>Joshua Bederson, MD</p> <p>Multidisciplinary Panel</p>	<p>Lectures and panels:</p> <ul style="list-style-type: none"> • Transnasal transsphenoida Approaches <ul style="list-style-type: none"> ▪ Anatomy ▪ Advanced approaches (clivus, craniocervical junction) ▪ Transpterygoid approach and Pterygopalatine Fossa dissection ▪ Encephalocele repair ▪ Anterior skull base reconstruction ▪ Neurosurgical complications ▪ Difficult cases
10:00 – 1:00pm		Lab
1:00 – 1:45pm		Lunch
1:45pm to 4pm		Lab
4:00-4:50pm	<p>Joshua Bederson, MD</p> <p>Benjamin Rapoport, MD, PhD</p> <p>Alfred Iloreta, MD</p>	<p>Lectures/Panels:</p> <ul style="list-style-type: none"> • Emerging technology in skull base surgery • Augmented/Virtual reality in skull base surgery
4:50 – 5:00pm		Closing remarks

Lab Curriculum

Lateral Skull Base Dissection	1st side:	<ul style="list-style-type: none"> • Infratemporal fossa approach • Translabyrinthine • Transcochlear
Lateral Skull Base Dissection	2nd side:	<ul style="list-style-type: none"> • Middle fossa dissection • Kawase triangle • Retrosigmoid, far lateral
Anterior Skull Base Dissection		<ul style="list-style-type: none"> • Transsphenoidal/transplanum/transtubercular approaches • Transpterygoid approach and pterygopalatine fossa dissection • Clival approaches/odontoidectomy • Encephalocele/CSF leak repairs • Eustachian tube balloon certification • Transnasal orbital apex dissection • Bicoronal approach/Bifrontal craniotomy (if time allows)
Soft tissue		<ul style="list-style-type: none"> • Temporalis flap • Temporoparietal fascia flap • Pericranial flap • Supraclavicular island flap • Submental island flap • Pectoralis major flap

Target Audience

Attendees will be neurosurgical and otolaryngology physicians, senior residents and fellows (to maximize meaningful participation for those still in training since senior residents and fellows are already able to think independently and have sufficient surgical skill to be able to complete a lab with directed instruction). Most of these dissections require significant experience. We are aiming to have 10 participants for dissection, and more than 40 people attending lectures.

Educational Objectives

1. To instruct those attending in the standard techniques of anterior and lateral skull base dissection.
2. To introduce and orient participants to novel and emerging technologies in skull base surgery.
3. To participate in open discussions regarding difficult cases.

Venue:

Mount Sinai Hospital

Measures of Success:

A survey will be administered at the end of the course gauging the educational quality of all individual speakers and topics as well as the quality of the dissection specimens and available equipment.

Educational Methods:

Structured lectures, guided dissections, case-based panels.

[Attention All Registrants](#)

Upon successful registration, you will receive a confirmation email. Please note that registration will close on Tuesday, November 1, 2022.

To register go to <https://forms.office.com/r/HnMkKedzmZ>

[Virtual Participation](#)

Due to the important and valuable content of this course and the ability to provide it via Zoom, we are pleased to offer the didactic sessions only - free of charge.

For viewing our virtual streaming of the Course, you will receive an email containing the Zoom call-in details at least to (2) days prior to the Course. This information will be sent to the email address used for your registration.

To register go to <https://forms.office.com/r/HnMkKedzmZ>

[Email Confirmation of Registrations](#)

Please look for your registration confirmation email and contact Kerry.Feeney@mountsinai.org if you do not receive it by 5pm (Eastern) on **Tuesday, November 8, 2022.**

REGISTRATION INFORMATION and FEES:

Registration (including lab sessions) - **\$900**
(Closes on 11/1/2022)

If you do not receive your confirmation email, please contact Kerry.Feeney@mountsinai.org.

VIRTUAL REGISTRATION INFORMATION

There are no fees to register for this option.

Cancellation and Refund Policy

All cancellations must be submitted by email to Kerry.Feeney@mountsinai.org and received by 5 pm on Tuesday, November 1, 2022 for a registration refund (minus a \$25 cancellation fee). No refunds on cancellations made after November 1, 2022 or for “No Shows” the day of the course.

Registrations are not transferable. Registration will be closed on 11/1/2022.

To register go to <https://forms.office.com/r/HnMkKedzmZ>

Please note: This is not a CME accredited course.