

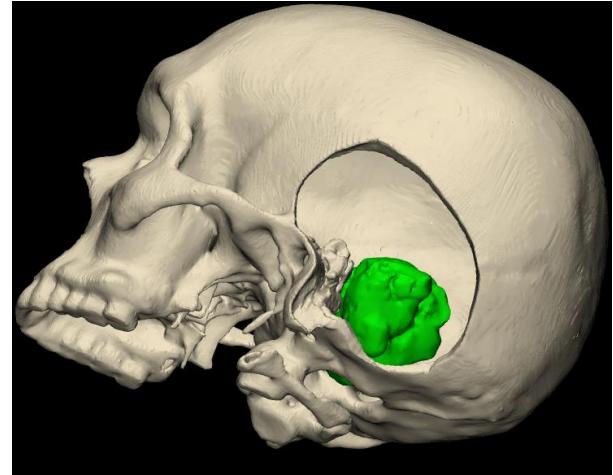
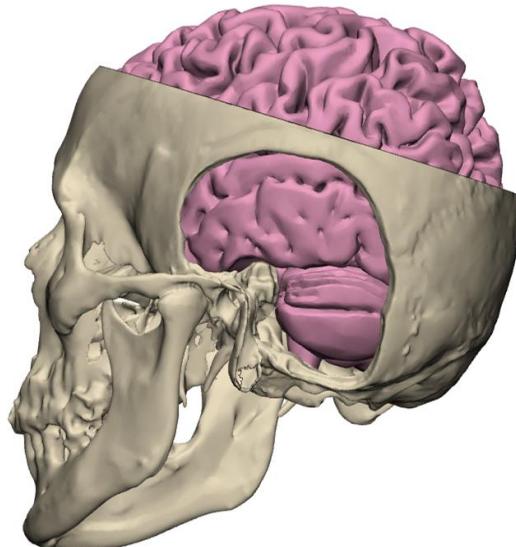
Mayo Clinic Open & Endoscopic Techniques in Cranial Base Surgery Course

June 1 - 4, 2022

Rochester, Minnesota

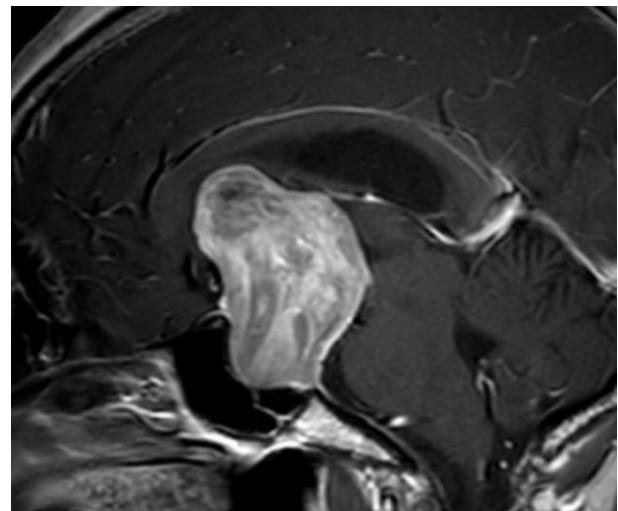
3D Anatomy (3D)/ Laboratory dissection sessions (L)
Virtual reality and simulation (VR) Cases & management (CM)

38.50 AMA PRA
Category 1 Credits



The objective of this course is to offer a comprehensive review, and hands-on training in skull base open and endoscopic techniques.

Laboratory dissection will be combined with 3D anatomical projections, case discussions, and virtual reality to offer a comprehensive 360° review and update around surgical treatment of skull base pathologies



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Wednesday, June 1, 2022

- 7:15 a.m. — Registration and Breakfast
- 7:45 a.m. — Welcome & Introduction
- 8:00 a.m. — Orbitozygomatic approach, anterior clinoidectomy **3D VR CM**
- 8:35 a.m. — Transcavernous **3D VR CM**
- 8:50 a.m. — Change to lab
- 9:00 a.m. — Orbitozygomatic approach, anterior clinoidectomy 2 piece **L**
- 11:30 a.m. — Transcavernous **L**
- 12:30 p.m. — Lunch and case presentation/discussion
- 1:20 p.m. — Middle fossa and anterior petrosectomy **3D VR CM**
- 2:30 p.m. — Middle fossa and anterior petrosectomy, internal acoustic canal approach **L**
- 5:00 p.m. — Social Hour/cocktail

**38.50 AMA PRA
Category 1 Credits**

Best dissection of the day award in honor of Dr. Rhoton "For a cup of coffee award"

Thursday, June 2, 2022

- 7:15 a.m. — Breakfast & Retrosigmoid approach, internal acoustic canal opening, internal petrosectomy **3D VR CM**
- 7:45 a.m. — Presigmoid approaches **3D VR CM**
- 8:15 a.m. — Posterior petrosal approach and presigmoid extensions **3D VR CM**
- 8:45 a.m. — Posterior petrosal approach (craniotomy and retrolabyrinthine +division of tentorium) **L**
- 11:00 a.m. — Translabyrinthine, transcochlear **L**
- 12:00 p.m. — Opening of retrosigmoid dura, exploration with micro and endoscope, internal petrosectomy **L**
- 12:30 p.m. — Lunch and case presentation/discussion
- 1:30 p.m. — Far lateral and its extensions **3D VR CM**
- 2:15 p.m. — Far lateral drilling of the occipital condyle, transposition of the VA **L**
- 5:00 p.m. — Mayo Clinic Historical Tour with Mr. Matthew Dacy
- 6:30 p.m. — Social Hour/cocktail

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Friday, June 3, 2022

7:00 a.m. — Breakfast, Welcome, & Introductory Remarks

7:15 a.m. — Anatomy of the nose 3D VR CM

7:45 a.m. — Transsellar and transcavernous approach, posterior clinoidectomy 3D VR CM

8:15 a.m. — Skull base reconstruction 3D VR CM

8:45 a.m. — Change to lab

9:00 a.m. — Transsellar and nasoseptal flap harvest L

10:30 a.m. — Transcavernous approach, posterior clinoidectomy L

12:30 p.m. — Lunch and case presentation/discussion

1:30 p.m. — Transpterygoid, transposition of the vidian nerve, lateral recess, Meckel's cave 3D VR CM

2:45 p.m. — Transpterygoid, transposition of the vidian, Meckel's cave and infratemporal fossa L

6:30 p.m. — Formal Dinner

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Saturday, June 4, 2022

7:30 a.m. — Breakfast &

Transplanum, transtuberculum anterior craniofacial resection, medial orbit 3D VR CM

8:30 a.m. — Transplanum, transtuberculum, anterior craniofacial resection, medial orbit L

11:00 a.m. — Transclival, far medial 3D VR CM

11:30 a.m. — Transmaxillary and endonasal approach to the infratemporal fossa 3D VR CM

12:00 p.m. — Lunch and case presentation/discussion

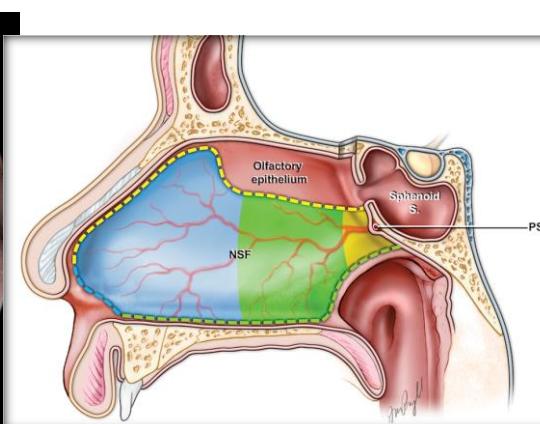
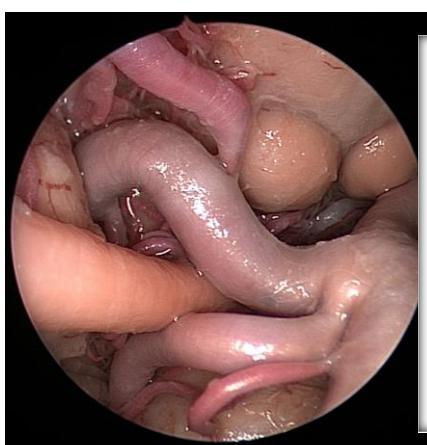
1:00 p.m. — Transclival L

2:30 p.m. — Far medial, Eustachian tube transposition L

3:30 p.m. — Transmaxillary approach, infratemporal fossa exploration L

6:30 p.m. — Casual dinner & Wrap-up

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Location Stabile Building, Mayo Clinic, Rochester, MN

Complete course Practicing physician \$2700 Senior resident (PGY 4,5,6,7) or fellow \$2200

Module open approaches (Days 1 and 2)

Practicing physician \$1700, Senior resident (PGY 4,5,6,7) or fellow \$1400

Module endoscopic approaches (Days 3 and 4)

Practicing physician \$1700, Senior resident (PGY 4,5,6,7) or fellow \$1400

(Includes anatomical dissection, lectures, course materials and all course-related meals and social events)

Stations 10, maximum number of participants 20

1 specimen/2 participants for days 1 and 2 1 specimen/2 participants for days 3 and 4

Course Director, Coordinator

Maria Peris-Celda, MD PhD Neurosurgery, skull base¹

Course Co-Directors

Michael J. Link, MD Neurosurgery, skull base¹

Matthew L. Carlson, MD Otolaryngology, lateral skull base²

Carlos D. Pinheiro-Neto, MD PhD Rhinology, anterior skull base²

Garret W. Choby, MD Rhinology, anterior skull base²

Kathryn Van Abel, MD Skull base, head and neck surgery²

Course Faculty

Jamie J. Van Gompel, MD Neurosurgery, skull base¹

Colin L. Driscoll, MD Otolaryngology, lateral skull base²

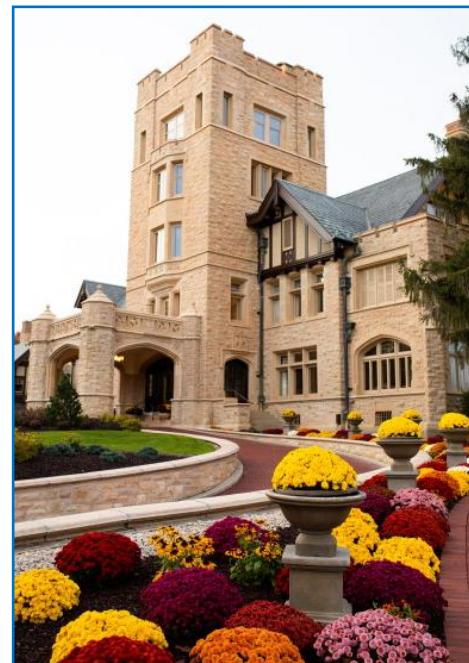
Brian A. Neff, MD Otolaryngology, lateral skull base²

Erin K. O'Brien, MD Rhinology, anterior skull base²

Janalee K. Stokken, MD Rhinology, anterior skull base²

Jonathan M. Morris, MD Neuroradiology, 3D printing and simulation³

Luciano C.P.C. Leonel, PhD Neurosurgical anatomy¹



¹ Department of Neurological Surgery, Mayo Clinic, Rochester, MN

² Department of Otolaryngology, Mayo Clinic, Rochester, MN

³ Department of Radiology, Mayo Clinic, Rochester, MN

