

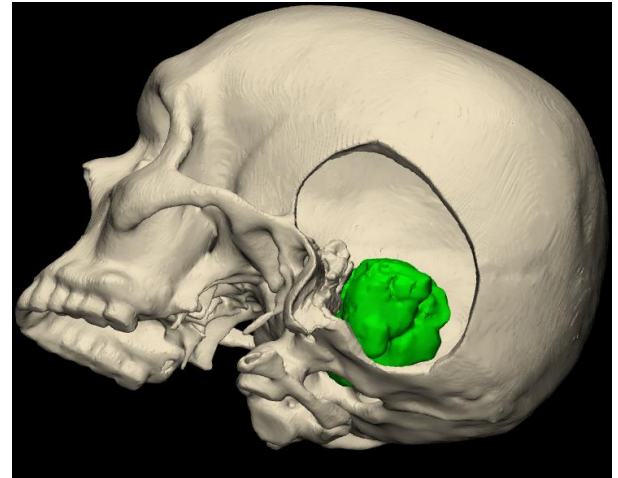
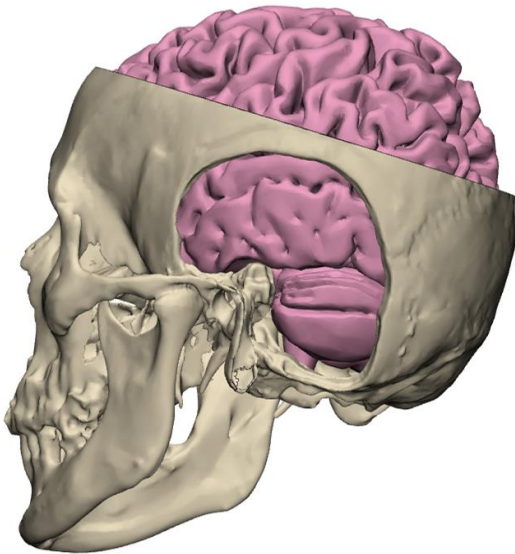


# Mayo Clinic Open & Endoscopic Techniques in Cranial Base Surgery Course

June 1 - 4, 2022  
Rochester, Minnesota

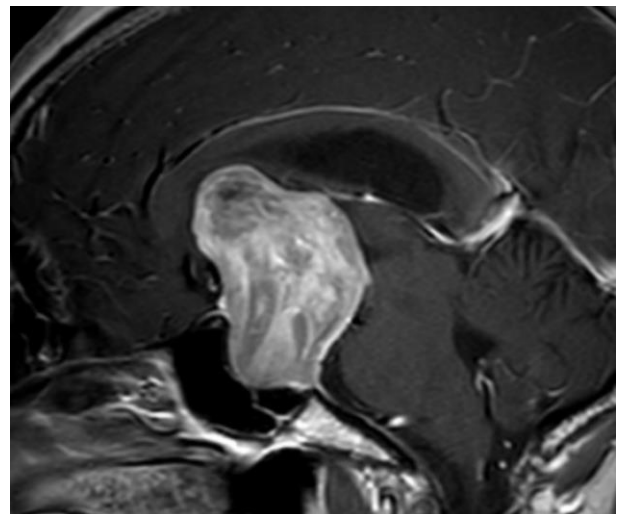
3D Anatomy (3D)/ Laboratory dissection sessions (L)  
Virtual reality and simulation (VR) Cases & management (CM)

**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

**38.50 AMA PRA  
Category 1 Credits**

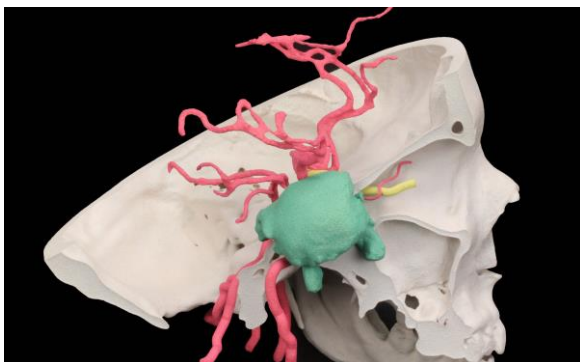
- 7:15 a.m. — Registration and Breakfast
- 7:45 a.m. — Welcome & Introduction
- 8:00 a.m. — Orbitozygomatic approach, anterior clinoidectomy 3D VR CM
- 8:35 a.m. — Transcavernous 3D VR CM
- 8:50 a.m. — Change to lab
- 9:00 a.m. — Orbitozygomatic approach, anterior clinoidectomy 2 piece L
- 11:30 a.m. — 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

*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

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





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## Friday, June 3, 2022

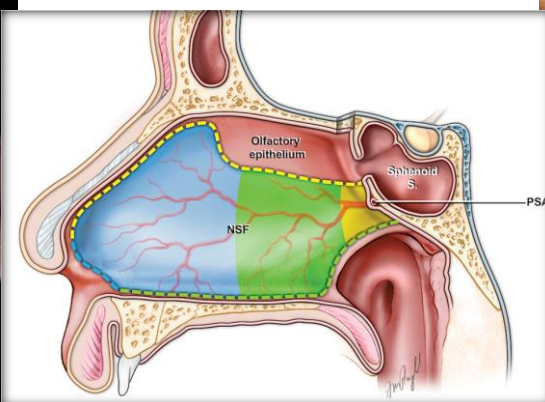
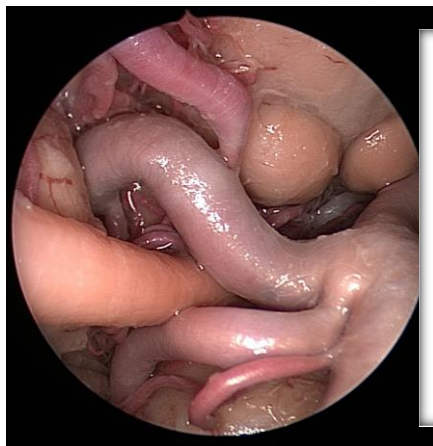
- 7:00 a.m. — Breakfast, Welcome, & Introductory Remarks
- 7:15 a.m. — Anatomy of the nose 3D VR CM
- 7:45 a.m. — Transsellar and transcavernous approach, posterior clinoidectomy 3D VR CM
- 8:15 a.m. — Skull base reconstruction 3D VR CM
- 8:45 a.m. — Change to lab
- 9:00 a.m. — Transsellar and nasoseptal 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

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

## 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

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





**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 base<sup>1</sup>

**Course Co-Directors**

Michael J. Link, MD Neurosurgery, skull base<sup>1</sup>

Matthew L. Carlson, MD Otolaryngology, lateral skull base<sup>2</sup>

Carlos D. Pinheiro-Neto, MD PhD Rhinology, anterior skull base<sup>2</sup>

Garret W. Choby, MD Rhinology, anterior skull base<sup>2</sup>

Kathryn Van Abel, MD Skull base, head and neck surgery<sup>2</sup>

**Course Faculty**

Jamie J. Van Gompel, MD Neurosurgery, skull base<sup>1</sup>

Colin L. Driscoll, MD Otolaryngology, lateral skull base<sup>2</sup>

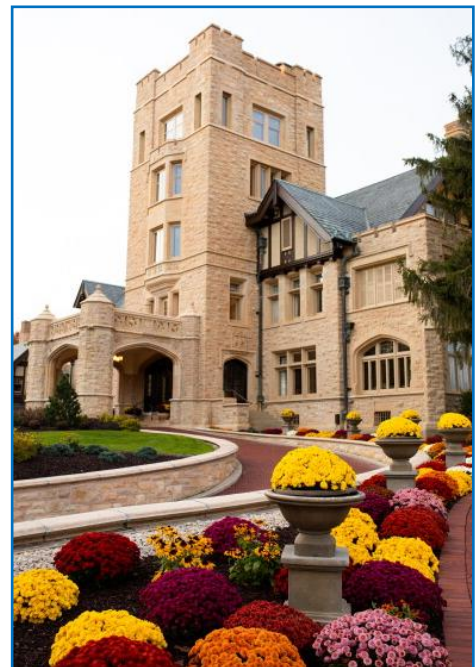
Brian A. Neff, MD Otolaryngology, lateral skull base<sup>2</sup>

Erin K. O'Brien, MD Rhinology, anterior skull base<sup>2</sup>

Janalee K. Stokken, MD Rhinology, anterior skull base<sup>2</sup>

Jonathan M. Morris, MD Neuroradiology, 3D printing and simulation<sup>3</sup>

Luciano C.P.C. Leonel, PhD Neurosurgical anatomy<sup>1</sup>



<sup>1</sup> Department of Neurological Surgery, Mayo Clinic, Rochester, MN

<sup>2</sup> Department of Otolaryngology, Mayo Clinic, Rochester, MN

<sup>3</sup> Department of Radiology, Mayo Clinic, Rochester, MN

