

REGISTRATION

6th Annual Course for Microscopic and Endoscopic Approaches to the Skull Base

March 18-21, 2020

This unique hands-on educational experience is made available through the support of our industry partners.

All expenses will be paid for selected senior-level (PGY 4+) residents with strong interest in pursuing skull base tumors.

This course will be open to Neurosurgery and ENT residents. Attendees will be selected on a first-come, first-served basis from nominations made by the program directors.

To nominate a resident please send the completed form below, approved by your program director, to:

Jennifer Hasenbalg, Course Coordinator
by September 28, 2019

Resident Nomination information:

Name: _____

Organization: _____

PGY Level: _____

Email: _____

Cell Phone : _____

Please email completed form to:
Jennifer.Hasenbalg@ucdenver.edu

PROGRAM DESCRIPTION

A national 3-day cadaveric dissection training course in Skull Base/Endoscopic Surgical Techniques will be held in the CSI Laboratory, University of Colorado Anschutz Medical Campus. This is an invitational course taught by world-class experts in skull base and cranial endoscopy to senior resident teams, combining Neurosurgery and Otolaryngology.

This course offers an intensive review of the technical nuances involved with skull base procedures including comprehensive 3-D anatomy and 3-D surgical video presentations. Participants will receive didactics and hands on instructions on traditional skull base approaches and endonasal and transcranial endoscopy including indications, techniques, outcomes complications avoidance and management.

PROGRAM OBJECTIVES

As a result of participation in this course, participants will be able to:

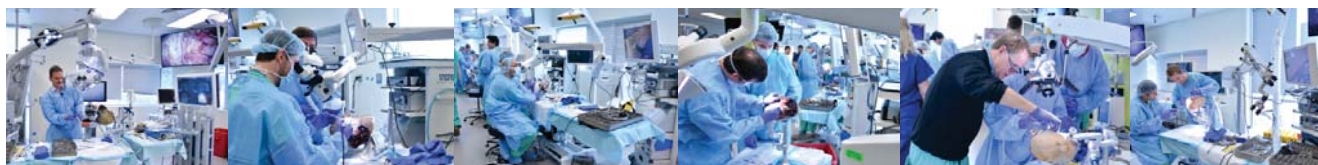
- Learn microsurgical anatomy of the skull base.
- Integrate anatomical knowledge with the main surgical approaches to the skull base.
- Identify the indications for cranial endoscopy
- Learn the different endoscopic techniques including complications avoidance.
- Identify indications for endoscopic assisted microsurgery and key hole approaches.
- Discuss the nuances of techniques for managing the different challenging pathologies.

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University of Colorado
School of Medicine
Center for Surgical Innovation
Aurora, Colorado



The Skull Base Surgery Program at the University of Colorado is dedicated to providing exceptional training and experience in the performance of complex intracranial neurosurgery with an emphasis upon the application of skull base surgical techniques to ordinary and extraordinary tumors and vascular lesions.

COURSE AGENDA

3-D Anatomy

- Antero-lateral corridor and cavernous sinus
- Lateral corridors to the skull base
- Posterior fossa and foramen magnum
- Endoscopic sinonasal anatomy and surgical corridors

Microsurgery

- Frontotemporal-Orbitozygomatic approach
- Anterolateral approaches and surgical exposure of the cavernous sinus
- Middle fossa approach
- Translabyrinthine approach
- Presigmoid approach and surgical exposure of the jugular foramen
- Retrosigmoid and Far Lateral Approaches

Endoscopy

- Key hole approach and endoscopic assisted craniotomy
 - Parasellar region
 - Posterior fossa
- Endoscopic endonasal approach to sellar lesions
- Extended approach to suprasellar lesions and central skull base
- Extended approach to lateral skull base
- Skull base reconstruction and management of CSF leak

FACULTY

COURSE DIRECTOR

A. Samy Youssef, MD, PhD
Professor and Vice Chair of Education
Department of Neurosurgery
University of Colorado School of Medicine

COURSE CO-DIRECTORS

Samuel Gubbels, MD
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Department of Otolaryngology University of Colorado School of Medicine

Vijay Ramakrishnan, MD
Associate Professor
Department of Otolaryngology University of Colorado School of Medicine

PROGRAM CHAIR

Kevin Lillehei, MD
Professor and Chairman
Department of Neurosurgery
University of Colorado School of Medicine

COURSE FACULTY

Stephen Cass, MD
Professor
Department of Otolaryngology
University of Colorado School of Medicine

James Evans, MD
Professor
Department of Neurological Surgery
Thomas Jefferson University

Sebastien Froelich, MD
Professor and Chair
Department of Neurosurgery
Laribiosiere University Hospital

Takanori Fukushima, MD
Professor
Department of Neurosurgery
Duke University Medical Center

Anne Getz, MD
Associate Professor
Department of Otolaryngology
University of Colorado School of Medicine

COURSE FACULTY CONTINUED

Julie Goddard, MD
Associate Professor
Department of Otolaryngology
University of Colorado School of Medicine

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Department of Neurosurgery
University of Adelaide

Daniel Kelly
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Department of Neurosurgery
John Wayne Institute

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