Advanced Resident
Antero-Lateral Skull Base Approaches

Course Description:
This course was developed for senior neurosurgical and otolaryngology residents by experienced academic neurosurgeons and otolaryngology surgeons. Attendees will be given a comprehensive series of didactic lectures and case discussions on open and endoscopic approaches to the skull base. There will also be a series of modules in the anatomy lab covering these open and endoscopic approaches. The approaches that will be covered include but are not limited to:

- Endoscopic Approaches to Paranasal Sinus Lesions
- Endoscopic Approach to the Anterior Skull Base
- Endoscopic Approach to the Central Skull Base (Retroclival/Infrasellar/Sellar/Suprasellar/Parasellar) via Sphenoid Sinus
- Open Anterior Cranial Fossa Approaches
- Endoscopic Orbital and Optic Nerve Decompression
- Nasal Septal Flap and Endoscopic CSF Leak Closure
- Open Lateral Approaches to the Middle Cranial Fossa and Central Skull Base
- Endoscopic and Transfacial Approaches to Lateral Lesions

Course Directors:
Manish Aghi, MD, Ph.D.
Ivan El-Sayed, MD, FACS

Faculty:
Amol Bhatki, MD
Nriprenda Dhillon, Ph.D.
Andrew Goldberg, MD, FACS
Micheal McDermott, MD
Andrew Parsa, MD, Ph.D.
Steven Pletcher, MD

Date and Location:
March 10-12, 2011
University of California, San Francisco
San Francisco, CA

For more information:
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Antero-Lateral 
Skull Base Approaches

Course Objectives
- Understand Endoscopic Paranasal Sinus Anatomy Relevant to Skull Base Approaches
- Perform Endoscopic Approaches to the Anterior and Central Skull Base
- Perform Open Approaches to the Anterior Cranial Fossa
- Perform Open Lateral Approaches to the Middle Cranial Fossa and Central Skull Base
- List the relative merits of open versus endoscopic approaches to anterior, central, and lateral skull base lesions

Course Agenda

**Thursday, March 10, 2011**
- 6:00pm-6:30pm  Skull Base Surgery: Approach Selection Open versus Endoscopic

**Friday, March 11, 2011**
- 8:00am-8:30am  Endoscopic Anatomy Paranasal Sinuses and Paranasal Sinus Lesions
- 8:35am-9:15am  Endoscopic Approach to Anterior and Central Skull Base
- 9:15am-9:50am  Open Anterior Cranial Fossa Approaches:

  - BREAK 10 MINUTES
  - 10:05am-10:30am  Subcranial Orbital Anatomy and Orbit and Optic Nerve Decompression
  - 10:20am-10:55am  Nasal Septal Flap and CSF Leak Closure
  - 11:00am-11:50am  Central Skull Base Anatomy and Approaches
  - 12:00pm-1:00pm  Lunch with the Professors
- 1:00pm-5:00pm  Anatomy Lab – Endoscopic and Open Approaches

**Saturday, March 12, 2011**
- 8:00am-8:55am  Lateral Approaches to Tumors of Middle Cranial Fossa Central Skull Base
- 9:00am-9:35am  Endoscopic and Transfacial Approaches to Lateral Lesions

  - BREAK 10 MINUTES
  - CASES DISCUSSIONS
- 9:45am-10:30am  Anterior Skull Base
- 10:35am-11:20am  Lateral Skull Base
- 11:25am-11:55am  Central Skull Base
- 12:00pm-12:30pm  Nasal Cavity/ Paranasal
- 1:00pm-5:00pm  Anatomy Lab – Endoscopic and Open Approaches

Registration:
Space is limited to 18 participants for the 2 day course. Reservations will be made on a first come first served basis.

Please contact:
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Accommodations:
Airfare and lodging will be provided by Stryker. Air carrier will be determined on an individual basis.

Information
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This course is being sponsored by Stryker.