

**Advanced Open and Endoscopic Techniques in Skull Base Surgery**  
**March 3-4, 2012**

**Day 1 – Saturday, March 3, 2012**

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| 7:00-7:30 AM  | Breakfast/Registration   |
| 7:30-9:30 AM  | Morning Session: Orbitozygomatic Approaches to Parasellar Region, Cavernous Sinus, and Paraclinoid Region <ul style="list-style-type: none"><li>○ 3D-Anatomy of Anterior Skull Base/Paracaloid/Cavernous Sinus (30 min)</li><li>○ Orbitozygomatic approach with exposure of cavernous sinus and parasellar region: Technical aspects (30 min)</li><li>○ Lateral orbital keyhole approach to cavernous sinus and strategic paradigms for managing of cavernous sinus Lesions (30 min)</li><li>○ Eyebrow supraorbital approach for paraclinoid and basilar apex aneurysms (30 min)</li></ul> |
| 9:30-12:00 PM | Hands-On Laboratory Exercise: <ul style="list-style-type: none"><li>○ Orbitozygomatic Approach</li><li>○ Transcavernous exposure</li><li>○ Anterior and posterior clinoidectomy</li><li>○ Transbasal Approach (optional)</li></ul>   |
| 12:00-1:00 PM | Lunch and Case Presentations –   |
| 1:00-2:30 PM  | Afternoon Session: Posterolateral Skull Base Approaches <ul style="list-style-type: none"><li>○ 3D-Anatomy: Posterior Cranial Fossa and Cerebellopontine Angle (30 min)</li><li>○ Retrosigmoid Approach: Microvascular Decompression, Acoustic Neuromas and Cerebellopontine Angle Lesions (20 min)</li><li>○ Combined Transpetrosal Approaches to the Petroclival Region (30 min)</li><li>○ Far-Lateral Transcondylar Approach to Craniovertebral Junction (30 min)</li></ul>   |
| 2:30-5:00 PM  | Hands-On Laboratory Exercise <ul style="list-style-type: none"><li>○ Retrosigmoid Suprameatal Approach</li><li>○ Far-Lateral Transcondylar</li><li>○ Combined Transpetrosal Transtentorial Approaches</li></ul>  |
| 5:00-6:00 PM  | Review of Day <ul style="list-style-type: none"><li>○ Discussion/Cases</li><li>○ Q&amp;A</li></ul>   |
| 7:00 PM       | Group Dinner   |

## Day 2 – Sunday, March 4, 2012

- 7:00 AM Breakfast and Registration
- 7:30 AM Welcome and Overview
- 7:30-9:30 AM -Anatomy from Below: Paranasal Sinus Anatomy, Anterior Skull Base and Parasellar Region (30 min)  
-Endoscopic Endonasal Transsphenoidal Approach to the Sella (30 min)  
-Special Lecture: 3D-Endoscopic Resection of Pituitary Tumors-Operative Nuances and Technical Pearls (30 min)  
-Endoscopic Transplanum Transtuberulum Approach to Suprasellar Region-(30)
- 9:30-12:00 PM Hands-On Laboratory Exercise:  
-Endoscopic Transsphenoidal Approach to Sella  
-Harvest of Nasoseptal Flap  
-Transplanum Transtuberulum Approach
- 12:00-1:00PM Working Lunch: Case Controversy, Moderators: Dr. Liu and Evans
- Point/Counterpoint-Debate on Suprasellar Meningiomas
    - Arguments for Endoscopic Approach-Prevedello
    - Arguments for Transcranial Approach-Couldwell
- 1:00-2:30 PM Afternoon Session: Expanded Endoscopic Techniques
- Endoscopic Transcribiform Approach to Anterior Skull Base (20 min)
  - Endoscopic Transclival/Transodontoid Approaches to Craniovertebral Junction (20 min)
  - Endoscopic Approach to Lateral Corridors: Meckel's Cave and Petrous Apex (20 min)
  - Reconstruction Techniques After Endoscopic Skull Base Surgery (20 min)
- 2:30-5:00 PM Hands-On Laboratory Exercise: Expanded Endoscopic Approaches
- Endoscopic Transcribiform Approach to Anterior Skull Base
  - Endoscopic Transclival/Transodontoid Approaches to Craniovertebral Junction
  - Endoscopic Approach to Lateral Corridors: Meckel's Cave and Petrous Apex
- 5:00-6:00 PM Closing Remarks/Cases and Questions/Adjourn

