Mastering Minimally Invasive Brain Endoscopy
Thursday 8/8/13 ~ Friday 8/9/13

Course Director
Daniel Pieper, MD

Supporting Faculty
Melvin Field, MD ~ Adam Folbe, MD ~ John Lee, MD ~ Matthew Rontal, MD

CME 14.0 AMA PRA Category 1 Credit(s)™
Course Objectives

Mastering Minimally Invasive Brain Endoscopy

- This course is designed for neurosurgeons, otolaryngologists, residents and fellows who are interested in an in-depth course in MIS endoscopic techniques of the skull base.
- This course is designed for the attending with an interest in further developing their endoscopic techniques or expanding to other sites within the skull base spectrum.
- This course will include neuroendoscopic procedures involving the endonasal approach and cerebellopontine angle.
- With a diverse faculty of experts from across the U.S. in each of these procedures, the participant will gain both a description of the unique anatomical and clinical aspects of these procedures as well as a hands-on approach to each of these regions in a state of the art laboratory on cadaveric preparations that will allow both intradural and extradural dissections.
- At the conclusion of the course the participant should understand the techniques necessary to:
  - Review the anatomic relationships of the open and endoscopic approaches for the paranasal sinuses, pituitary/anterior skull base, clivus and cerebellopontine angle (CPA).
  - Describe and understand the techniques used in performing neuroendoscopy of anterior skull base with CPA as well as the indications and contraindications for these approaches.
  - Obtain hands-on skills for a variety of skull base neuroendoscopic procedures.
  - Be able to correlate radiographic findings as they pertain to the approach and understand techniques for minimizing complications.
Mastering Minimally Invasive Brain Endoscopy
August 8th Itinerary

- 7:30 – 8:00 am: Continental Breakfast
- 8 – 9 am: Didactic Endoscopic Transphenoidal
  - Introduction – Daniel Pieper, MD
  - Nasopharyngeal anatomy - Matthew Rontal, MD
  - Anatomy of the sphenoid sinus – Daniel Pieper, MD
  - Nuances - Melvin Field, MD
- 9 – 12 noon: Cadaver Lab
- 12 noon – 1 pm: Lunch
- 1 – 2 pm: Didactic Expanded Anterior
  - Skull Base Approach- John Lee, MD
  - Clival masses- Daniel Pieper, MD
  - Reconstruction techniques- Adam Folbe, MD
- 2 – 4:00 pm: Hands-on Cadaver Lab
- 4 – 4:30 pm: Roundtable Discussion – All
- 6 – 9 pm: Meadow Brook Evening Event sponsored by Karl Storz Endoscopy
  - *Free shuttle transportation from the Hilton Auburn Hills will be provided*
Mastering Minimally Invasive Brain Endoscopy
August 9th Itinerary

- 7:30 – 8:00 am: Continental Breakfast
- 8 – 9 am: Didactic Endoscopic CPA
  - Introduction – Daniel Pieper, MD
  - MVD/CPA – Melvin Field, MD
  - CPA Tumors – Daniel Pieper, MD
  - Intramedullary Approaches – John Lee, MD
- 9 – 12 noon: Cadaver Lab
- 12 noon – 1 pm: Lunch
- 1 – 2 pm: Didactic Endoscopic Technologies
  - Advances and Nuances – Daniel Pieper, MD
- 2 – 4:00 pm: Cadaver Lab
- 4 – 4:30 pm: Roundtable Discussion – All
- 7 – 9 pm: Detroit Marriott Evening Reception and Dinner (Optional)