

4th ANNUAL BRAIN ENDOSCOPY COURSE – TECHNIQUES IN MINIMALLY INVASIVE NEUROSURGERY

Lecture and Practical Lab July 30–31, 2010 BUFFALO, NEW YORK



American
Association of
Neurological
Surgeons

Jointly Sponsored by AANS

FRIDAY, JULY 30

- 8:00 a General Principles – O.R. Set Up
- 8:30 a Review Ventricular Anatomy
- 8:45 a ETV in Adults
- 9:00 a ETV in Pediatrics
- 9:15 a Unusual Events ETV
- 9:30 a Special ETV (ICU, Post Op, Posterior Fossa, Communicating Hydrocephalus, Re-do)
- 9:45 a Complications
- 10:00 a Break
- 10:15 a **Lab Session** – Instruments Program
- 12:00 Lunch**
- 1:00 p Colloid Cysts
- 1:15 p Outcomes, Recurrence and Other Techniques
- 1:30 p Atypical Colloid Cysts and Other Tumors
- 1:45 p Introduction to Eyebrow Craniotomy
- 2:00 p **Lab Session** – Colloid Approach, Minicraniotomy
- 4:00 p Endoscopic-Assisted Craniotomy
- 4:15 p Craniopharyngioma
- 4:30 p Aneurysms
- 4:45 p Discussion

Dinner provided at 6:30 p.m. both days.

SATURDAY, JULY 31

- 8:00 a Questions & Discussion and Finalization Intraventricular Endo and Minicraniotomy
- 8:45 a Introduction Skull Base Session
- 9:00 a Principles and Indications for Endoscopic Transnasal Transsphenoidal Pituitary Surgery
- 9:10 a Structural and Endoscopic Anatomy of the Nasal Cavity, Sphenoid Sinus, and Sella
- 9:45 a Break
- 10:00 a Introduction of Instrumentation and Navigation
- 10:15 a Endoscopic Transnasal Transsphenoidal Surgery
- 10:45 a **LAB Session** – Endoscopic Transnasal Transsphenoidal Approach
- 12:00 Lunch**
- 1:00 p Extended Skull Base Approaches
- 1:30 p Structural and Endoscopic Anatomy of the Suprasellar, Retrosellar, and Parasellar Spccea Sellar
- 2:00 p Reconstruction/CSF Leak Repair
- 2:15 p Complication Management
- 2:30 p Combined Endoscopic Transcranial/Transnasal Approach
- 2:45 p Break
- 3:00 p **LAB Session** – Extended Skull Base Approach
- 4:15 p Discussion
- 4:30 p Difficult Case Presentations/Complications
- 4:45 p Summary & Adjournal