

Endoscopy in Neurosurgery

Day 1 (20.05.24)

- 09:00 Presentations from platinum sponsors
- 09:30 Introduction to the course and to Endoscopy in Neurosurgery
- 09:45 Candidate introduction and what they wish to get out of the course
- 10:00 Neuroendoscopy: history, concept and current applications
- 10:15 Ventricular anatomy (and approaches)
- 10:30 Neuroradiology pearls for the minimally invasive neurosurgeon
- 10:45 ETV: technique and illustrative cases
- 11:00 ETV: tips, tricks, pitfalls and illustrative cases
- 11:15 Complex (multiloculated) hydrocephalus, cysts and endoscopy
- 11:30 Endoscopy in Neurosurgery: anaesthetic considerations
- 11:45 Lunch**
- 12:30 Nasal and anterior skull base anatomy: microscopic vs endoscopic
- 12:45 Endonasal approach: technique and illustrative cases
- 13:00 Endonasal approach: tips, tricks, pitfalls and illustrative cases
- 13:15 The extended endonasal approach
- 13:30 Break**
- 13:45 Hands on session
- 16:45 Summary of the day and learning points to end at 17:00

Endoscopy in Neurosurgery

Day 2 (21.5.24)

- 08:15 Presentations from platinum sponsors
- 08:30 Evolution of neuroendoscopy
- 08:45 Subfrontal anatomy and endoscopic approach (including supraorbital)
09:00 Lateral skull base anatomy and endoscopic approach
- 09:15 Pineal region anatomy and endoscopic approaches
09:30 Intraventricular and paraventricular lesions and endoscopic IONM
- 09:45 The endoscopic ultrasonic aspirator, debrider and future directions
- 10:00 Endoscopic approaches in epilepsy surgery
- 10:15 Endoscopy with and without CPC in Neonatal hydrocephalus
- 10:30 Endoscopic approaches to and through the orbit 1
10:45 Endoscopic approaches to and through the orbit 2
- 11:00 Break**
- 11:15 Tubular retractors 1
11:30 Tubular retractors 2
- 11:45 Fetoscopic neurosurgery
- 12:00 Robotics in neurosurgery
12:15 Robotics in neurosurgery
- 12:30 Training in endoscopic neurosurgery
- 12:45 EANS CSF section and neuro-endoscopy
13:00 WFNS and neuro-endoscopy
13:15 IFNE past, present and future
13:30 Endoscopy in Neurosurgery in China
- 13:45 Lunch**
- 14:00 Hands on session
- 16:45 Summary of the day and learning points to end at 17:00

Endoscopy in Neurosurgery

Day 3 (22.5.24)

- 08:15 Presentations from platinum sponsors
- 08:30 Revisiting previous days and introduction to the spine day
- 08:45 Spinal anatomy relevant to endoscopy
- 09:00 Spinal endoscopy history, indications and technique
- 09:15 Unilateral biportal endoscopy in spine surgery
- 09:30 Tubular retractors in spinal surgery
- 09:45 Complication avoidance in endoscopic & tubular spine surgery
- 10:00 Break**
- 10:15 Hands on session
- 12:30 Future concepts, open forum and feedback
- 13:00 End of course**
- 19:00 Course / BNES dinner