



**Intraventricular Endoscopy Master Techniques
Course Agenda
Thursday, December 12, 2024
8:00am-4:00pm
(Preliminary Agenda)**

COURSE DESCRIPTION

This course is intended for trainees and established neurosurgeons intending to broaden their skill set on the use of intraventricular neuro-endoscopy. The participant will be familiarized with contemporary equipment, surgical indications, endoscopic technique, and complication avoidance. This hybrid course will include didactic and non-cadaveric practical sessions.

LEARNING OBJECTIVES

The participant at the completion of this course will:

1. Be familiar with equipment and set up for basic and advanced intraventricular endoscopic surgery
2. Understand the surgical indications for intraventricular endoscopy as they relate to the management of hydrocephalus, congenital cysts, and intraventricular brain tumors
3. Be able to perform applied technical maneuvers used in intraventricular endoscopic surgery (endoscopic third ventriculostomy, cyst/septal fenestration, colloid cyst removal, and tumor biopsy/resection)
4. Be aware of the major procedural risks and approach toward complication avoidance for common intraventricular endoscopy procedures

CO-DIRECTORS:

Mark Souweidane
Abhaya Kulkarni

COURSE FACULTY:

Peter Morgenstern
Alan Cohen
Sandi Lam
Hamshi Shabani
Olivia Wingert

DIDACTIC SESSION

8:00 – 8:05 am	Introduction Mark Souweidane
8:05 – 8:35 am	O.R. Set Up: connecting the dots Olivia Wingert
8:35 – 9:05 am	Hydrocephalus Al Cohen
9:05 – 9:35 am	Intracranial Cysts Sandi Lam
9:35 – 10:05 am	Colloid Cysts Mark Souweidane
10:05 – 10:20 am	Break
10:20 – 10:50 am	Intraventricular Tumors Peter Morgenstern
10:50 – 11:30 am	Ask the experts (case presentations)
11:30 am – 12:30 pm	Lunch/Live Surgery (pre-recorded) Interactive Case Demonstration (K. Storz, Collaborator) – Peter Morgenstern and Mark Souweidane
12:30 – 3:00 pm	Hands On Practical Sessions 12:20 – 1:00 pm ETV - Al Cohen, Sandi Lam 1:00 – 1:30 pm Tumor Biopsy– Abaya Kulkarni, Peter Morgenstern 1:30 – 2:00 pm CPC–Hamshi Shabani 2:00 – 2:30 pm Colloid Cyst– Mark Souweidane 2:30 – 3:00 pm Expanded Platforms (navigation/tissue shaving, Advanced Endoscopy Devices (AED) 3D interface)
3:00 – 3:30 pm	Q & A