



**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, New York-Presbyterian Weill Cornell Medicine  
Abhaya Kulkarni, Hospital for Sick Children

**COURSE FACULTY:**

Peter Morgenstern, Mount Sinai  
Alan Cohen, Johns Hopkins  
Richard Ellenbogen, University of Washington  
Sandi Lam, Lurie Children's Hospital  
Hamshi Shabani, Nagasaki University

## DIDACTIC SESSION

8:00 – 8:05 am	Introduction Mark Souweidane
8:05 – 8:35 am	Equipment Alan Cohen
8:35 – 9:05 am	Hydrocephalus Abaya Kulkarni
9:05 – 9:35 am	Cysts Richard Ellenbogen
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 – 11:20 am	Ask the experts (case presentations)
11:20 am – 12:30 pm	<b>Lunch/Live Surgery</b> (pre-recorded) Interactive Case Demonstration – Peter Morgenstern and Mark Souweidane
12:30 – 3:00 pm	<b>Hands On Practical Sessions</b> 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– Richard Ellenbogen, Hamshi Shabani 2:00 – 2:30 pm Colloid Cyst– Mark Souweidane 2:30 – 3:00 pm Expanded Platforms (navigation/tissueshaving/bimanual dissection)
3:00 – 3:30 pm	Q & A