



## **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

### **COURSE FACULTY:**

Mark Souweidane  
Peter Morgenstern  
Abhaya Kulkarni  
Alan Cohen  
Richard Ellenbogen  
Sandi Lam  
Hamshi Shabani

## **DIDACTIC SESSION**

- 8:00 – 8:05 am Introduction – Mark Souweidane
- 8:05 – 8:25 am Equipment – Al Cohen
- 8:25 – 8:45 am Hydrocephalus – Abaya Kulkarni
- 8:45 – 9:05 am Cysts – Richard Ellenbogen
- 9:05 – 9:25 am Intraventricular Tumors – Mark Souweidane
- 9:25 – 9:45 am Expanding Horizons – Peter. Morgenstern
- 9:45 am – 12:00 pm Practical

### **12:00pm Lunch**

### **12:00pm – 3:00pm Practical**

- Familiarity/Equipment
- Modular Models
- Skills Assessment/ Competition
- Personalized 3D Models

3:00pm – 4:00pm **Live Surgery** (pre-recorded)