BIOSKILLS LAB 2025

SBMT 2025
22nd Annual **NeuroTech** Convention of SBMT

CEREBROVASCULAR AND SKULLBASE BIOSKILLS LAB

Organized by

Abilash Haridas, M.D   Aaron Cohen- Gadol, M.D   Amin Kassam, M.D   Akitsugu Kawashima, M.D

Society for Brain Mapping and Therapeutics (SBMT)
Course on Neurosurgical Innovation
Room: External BioSkills Campus (Brain and Spine Observatory)

Friday, February 28th | Separate Ticketed Event for non-SBMT Members
Cerebrovascular and Skullbase Innovation labs (Cadaver labs)

1. EC-IC Bypass Module Endovascular Module

Faculty:
- Abilash Haridas, MD
- Akitsugu Kawashima, MD, Ph.D

Course Description:
This course is designed to share expertise in endoscopic surgery, skull-base approaches, endovascular technologies, and bypass surgery techniques.
- Third ventricular tumors
- Third ventriculostomy
- Skull base tumor
- Aneurysm management/EC-IC bypass
- Live demonstration of augmented reality guidance for precision ventriculostomy, and brain biopsy.
- Deep brain stimulation is an additional use for psychiatric applications.

Course Objectives:
At the conclusion of this course, the participant should be able to:
1. Discuss the latest advances and techniques in skull base neurosurgery
2. Perform relevant psychomotor skills in the practical application of intracranial endoscopy.
3. Describe treatment strategies for neurovascular disorders and the relevant techniques in cerebrovascular neurosurgery.
4. Learn how augmented reality surgical navigation increases procedure accuracy, reduces fluoroscopy, radiation exposure and has a nominal OR footprint.

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Cerebrovascular and Skullbase Hands-On Workshop (Cadaver demonstration labs)

Module 3 10:00 AM - 11:30 AM
Skullbase Endoscopic Approaches
Featuring Stryker Navigation System and Endoscopic Tower (Kassam Set)

Faculty:
• Amin Kassam, MD

Course Description:
EXPANDED ENDONASAL APPROACH TO THE VENTRAL SKULL BASE

Module 5A 1:00 PM - 2:00 PM
Open Skullbase Approach A

Faculty:
• John S. Yu, MD
• Abhidah Shah, MS, MCh

Module 5B 2:30 PM - 4:30 PM
Open Skullbase Approach B

Faculty:
• Akitsugu Kawashima, MD
• Abilash Haridas, MD, FAANS