

Minimally Invasive Surgery for Intracerebral Hemorrhage: A Practical Workshop



Friday, March 14–Saturday, March 15

Welcome dinner: March 14 at 7 pm

Hotel EMC2, 228 East Ontario Street, Chicago

Sponsored by Northwestern Medicine and Northwestern University Feinberg School of Medicine Department of Neurological Surgery

Workshop: March 15, 7:00 am–2:30 pm

Center for Advanced Surgical Education
at Northwestern Medicine

240 East Huron Street, Suite LC-0549, Chicago

We will provide breakfast, refreshments, lunch and dinner.

Registration

Space is limited. To register online, please visit [our website](#) or scan the QR code.



The fee is \$50. No refunds will be issued after March 1.

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Minimally Invasive Surgery for ICH: A Practical Workshop



Course Director: Babak S. Jahromi, MD, PhD, FRCS, FAANS, FAHA, FACS

Chief, Division of Cerebrovascular/Neurointerventional Surgery

Vice-Chair, Regional Neurosurgery

Surgical Director, Northwestern Medicine Comprehensive Stroke Center

Professor, Department of Neurological Surgery and Department of Radiology

With 40% mortality at one month and only 25% of patients functionally independent at six months, intracerebral hemorrhage (ICH) is a devastating disease in dire need of an effective treatment. To date, clinical trials investigating a wide range of therapeutic options, including open surgery, aggressive blood pressure control and hemostatic agents, have not demonstrated a marked improvement in outcomes for this patient population, resulting in a dearth of options and, at times, nihilism in care for these patients both locally and across the U.S.

In this program, we will review current evidence and help educate practitioners on the latest interventions for ICH. Attendees will gain strategies for medical and surgical management of ICH along with hands-on training of endoscopic hemorrhage evacuation.

The curriculum has been developed with expert medical and surgical faculty in the field:

Didactic sessions

Hands-on workshop-stations with 3D-printed heads and endoscopic ICH evacuation

A multidisciplinary case review in which attendees bring cases to present institutional ICH management strategies

Program Objectives

After attending this educational activity, participants should be able to:

1. Review the natural history, trial data and current treatment options for intracerebral hemorrhage.
2. Discuss medical interventions targeting hematoma growth, ICP control, anticoagulation reversal, seizure management and current state-of-the art neuro-intensive care for patients with ICH.
3. Explain the evidence behind surgical interventions for ICH and the pros/cons of different techniques for minimally invasive ICH evacuation.
4. Demonstrate proficiency in image-guided endoscopic evacuation of ICH in simulation lab using 3D-printed heads.

Agenda

Friday, March 14

Hotel EMC2, 228 East Ontario Street, Chicago

7:00 pm **Welcome Reception**

Saturday, March 15

Center for Advanced Surgical Education at Northwestern Medicine

240 East Huron Street, Suite LC-0549, Chicago

7:00 am **Breakfast and Welcome**

7:30 am **Catheter-Based Stereolysis of ICH: Pearls and Pitfalls**

Issam A. Awad, MD, MSc, FACS

7:50 am **Endoscopic Evacuation of ICH: Pearls and Pitfalls**

Christopher P. Kellner, MD

8:10 am **Endoport-Assisted Evacuation of ICH: Pearls and Pitfalls**

Gustavo Pradilla, MD, FAANS

8:30 am **Surgiscope-Assisted Evacuation of ICH: Pearls and Pitfalls**

Nina Moore, MD

8:50 am **Panel Questions and Break**

9:00 am **MIS for ICH: Is Earlier Better? Pro/Con Debate**

Issam A. Awad, MD, MSc, FACS, and Christopher P. Kellner, MD

9:30 am **MIS for ICH: MIND Trial Interim Results**

Babak S. Jahromi, MD, PhD, FRCSC, FAANS, FAHA, FACS

9:50 am **MIS for IVH: ARCH Trial Interim Results**

Behnam Rezai Jahromi, MD

10:10 am **Break**

10:20 am **MIS for ICH/IVH: Building a Program**

Matthew B. Potts, MD, FAANS

10:40 am **MIS for ICH/IVH: Pediatric Perspective**

Jonathan P. Scoville, MD, MPH

11:00 am **Critical Care in ICH: Why You Need a Partner**

Jenna L. Ford, MD

11:20 am **Break**

11:30 am **Practical Course**

1:00 pm **Working Lunch, Case Review and Q&A**

2:30 pm **Adjournment**



Hotel accommodations

We have a discounted room block at the **Hyatt Centric Magnificent Mile**, just 0.2 miles from the program location. Scan the QR code to make [your reservation](#) in a timely manner to ensure you get the discounted rate.



Parking

Discounted day and overnight parking will be available at 222 East Huron Street, directly across the street from the program. If you prefer to park at the hotel, valet parking is \$65 per night.

If you are visiting from out of state, downtown Chicago is conveniently located less than 20 miles from O'Hare International Airport and Chicago Midway International Airport.

Audience

This course is designed for physicians managing stroke patients, including neurologists, neurocritical care specialists and neurosurgeons.

Accreditation Statement

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement

The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of 5.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Surgery Continuous Certification program

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn credit toward the CME requirements of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

ABS CME credits will be submitted to the boards within three months of the conclusion of the activity.

If you have any questions, please email Tiffany McReynolds at tiffany.mcreynolds@nm.org.

