Medical and Surgical Interventions in ICH: A Practical Workshop

Saturday, October 24, 2020
Northwestern Center for Advanced Surgical Education (NCASE)
240 East Huron Street, Suite LC-0549
Chicago, Illinois
7:00 am to 2:30 pm
Sponsored by Northwestern Medicine

REGISTER ONLINE: cme.northwestern.edu
Medical and Surgical Interventions in ICH: A Practical Workshop

Course Directors: Babak S. Jahromi, MD, PhD, and Eric M. Liotta, MD

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 benefit for this patient population, resulting in a dearth of options and at times nihilism in care for these patients both locally and across the USA.

This multidisciplinary symposium brings together national and regional experts to review current evidence and help educate practitioners on the latest interventions for ICH. Learners will have greater strategies for managing ICH, seizures and anticoagulation in ICH, along with hands-on training of endoscopic ICH evacuation. The curriculum has been developed with expert medical and surgical faculty in the field to include didactic sessions, hands-on workshop-stations with 3D-printed heads and endoscope ICH evacuation and a multidisciplinary Case Review in which all 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 neurointensive care for patients with intracerebral hemorrhage.

3) Demonstrate the evidence behind surgical interventions for intracerebral hemorrhage and the pros/cons of different techniques for minimally invasive ICH evacuation.

For more information, please contact Sarah Baggs, Continuing Medical Education Program Manager, at Northwestern Memorial HealthCare, at sbaggs@nm.org

We will continue to evaluate the COVID-19 situation and are hopeful the program will occur. Registration fees will be reimbursed completely should the program be cancelled or if an attendee is restricted from travel due to COVID-19.
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<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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<tr>
<td>7:00 am</td>
<td>Breakfast and Welcome</td>
<td>Babak S. Jahromi, MD, PhD, and Eric M. Liotta, MD</td>
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<tr>
<td>7:30 am</td>
<td>ICH Prognosis and the Self-Fulfilling Prophecy</td>
<td>J. Claude Hemphill III, MD, MAS, FNCS</td>
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<tr>
<td>7:45 am</td>
<td>MISTIE-4: Do We Need Another Trial?</td>
<td>Issam A. Awad, MD</td>
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<td>8:00 am</td>
<td>Trial Update: MIND</td>
<td>Christopher M. Nickele, MD</td>
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<td>8:15 am</td>
<td>Panel Questions / Break</td>
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<tr>
<td>8:30 am</td>
<td>Antithrombotic Reversal and Resumption in ICH</td>
<td>Eric M. Liotta, MD</td>
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<tr>
<td>8:45 am</td>
<td>Screening, Prophylaxis and Management of Seizures in ICH</td>
<td>Thomas P. Bleck, MD, MCCM, FNCS</td>
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<tr>
<td>9:00 am</td>
<td>Multimodal Monitoring in the NSICU: Pain or Pancea?</td>
<td>Edward M. Manno, MD, FAHA, FANA, FCCM, FNCS, FAAN</td>
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<td>9:15 am</td>
<td>Can Neuroinformatics Improve ICH Care in the Neuro ICU?</td>
<td>J. Claude Hemphill III, MD, MAS, FNCS</td>
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<td>9:30 am</td>
<td>Cross-Disciplinary Collaboration in Critical Care Management of ICH</td>
<td>Matthew B. Maas, MD, MS, and Matthew B. Potts, MD</td>
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<td>9:45 am</td>
<td>Panel Questions / Break</td>
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<tr>
<td>10:00 am</td>
<td>ICH: History and Progress in MIS Approaches</td>
<td>Christopher P. Kellner, MD</td>
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<td>10:15 am</td>
<td>Building an ICH Program: A Surgeon’s Perspective</td>
<td>Babak S. Jahromi, MD, PhD, FRCS, FAANS, FAHA, FACS</td>
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<td>10:30 am</td>
<td>Building an ICH Program: Success in Private Practice</td>
<td>Eric J. Arias, MD</td>
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<tr>
<td>10:45 am</td>
<td>Procedure &amp; Nuances: Intraoperative Imaging &amp; Navigation</td>
<td>Christopher P. Kellner, MD, and Matthew B. Potts, MD</td>
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<td>11:00 am</td>
<td>Minimally Invasive Evacuation of ICH: A Pediatric Perspective</td>
<td>Sandi Lam, MD, MBA, FAANS, FACS, FAAP</td>
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<td>11:15 am</td>
<td>Panel Questions / Break</td>
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<td>11:30 am</td>
<td>Practical Course</td>
<td>Matthew B. Potts, MD, and Faculty</td>
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<tr>
<td>1:00 pm</td>
<td>Working Lunch and Case Review</td>
<td>Faculty Panel</td>
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<td>2:30 pm</td>
<td>Adjournment</td>
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Program Course Directors

**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, Departments of Neurological Surgery and Radiology
Northwestern University
Feinberg School of Medicine

**Eric M. Liotta, MD**
Associate Program Director, Neurocritical Care Fellowship
Assistant Professor, Departments of Neurology, Section of Neurocritical Care, and Surgery, Division of Organ Transplantation
Northwestern University
Feinberg School of Medicine

Invited Faculty

**Eric J. Arias, MD**
Endovascular Neurosurgeon
CarePoint Neurosurgery
RIA Neurovascular

**Issam A. Awad, MD**
The John Harper Seeley Professor of Surgery
Director, Neurovascular Conference
Director, Safadi Program of Excellence in Clinical and Translational Neuroscience
The University of Chicago Medicine

**J. Claude Hemphill III, MD, MAS, FNCS**
Kenneth Rainin Endowed Chair in Neurocritical Care
Professor of Neurology and Neurological Surgery
University of California, San Francisco
Chief, Neurology Service
Zuckerberg San Francisco General Hospital

Northwestern Faculty

**Thomas P. Bleck, MD, MCCM, FNCS**
Professor, Department of Neurology (Stroke and Critical Care)
Northwestern University
Feinberg School of Medicine

**Sandi Lam, MD, MBA, FAANS, FACS, FAAP**
Chief, Pediatric Neurosurgery
Ann & Robert H. Lurie Children’s Hospital of Chicago
Professor and Vice Chair of Pediatric Neurosurgery, Department of Neurosurgery
Northwestern University
Feinberg School of Medicine

**Matthew B. Maas, MD, MS**
Associate Professor, Departments of Neurology (Stroke and Neurocritical Care) and Anesthesiology
Northwestern University
Feinberg School of Medicine

**Eric M. Liotta, MD**
Associate Program Director, Neurocritical Care Fellowship
Assistant Professor, Departments of Neurology, Section of Neurocritical Care, and Surgery, Division of Organ Transplantation
Northwestern University
Feinberg School of Medicine

**Edward M. Manno, MD, FAHA, FANA, FCCM, FNCS, FAAN**
Vice Chair for Clinical Affairs, Department of Neurology
Professor, Departments of Neurology (Stroke and Neurocritical Care) and Neurological Surgery
Northwestern University
Feinberg School of Medicine

**Matthew B. Potts, MD**
Assistant Program Director, Neurosurgical Residency Training Program
Assistant Professor, Divisions of Cerebrovascular/Neurointerventional Surgery, Departments of Neurological Surgery and Radiology
Northwestern Medicine

Program Location
The program will be held at Northwestern Center for Advanced Surgical Education (NCASE) on Northwestern Medicine's downtown campus:

240 East Huron Street, Suite LC-0549
Chicago, Illinois 60611

Northwestern's campus is in the heart of bustling downtown Chicago, along Lake Michigan; iconic attractions including Millennium Park, Navy Pier and the Magnificent Mile, Chicago’s premier shopping area, are mere steps away. There is fun for the whole family. For a listing of all Chicago has to offer, visit choosechicago.com.

Directions and Parking
Discounted day and overnight parking will be available at 222 East Huron Street, directly across the street from the program. The discount is $12 for the first 7 hours and $26 for up to 24 hours. If you are visiting from out of state, downtown Chicago is conveniently located less than 20 miles from both Chicago O'Hare International Airport (ORD) and Chicago Midway International Airport (MDW).

Hotel Accommodations
We have a room block at the Hyatt Centric Chicago, Magnificent Mile. Please secure your reservations no later than October 2, to ensure accommodations at the discounted rate.

Welcome Dinner
Friday, October 23, 7:00 pm
Osteria via Stato

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

Registration Fee and Procedure
The registration fee is $50. Additionally, those who register prior to August 1, will receive a travel stipend.

To register online, please visit cme.northwestern.edu.

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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 6.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Registration Form

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Registration Category

- [ ] Physician .......................................................................................................................... $50

How to Register

- [ ] ONLINE: cme.northwestern.edu
- [x] OR MAIL with check (payable to Northwestern Memorial Hospital (CME))
  Sarah Baggs
  c/o Northwestern Memorial HealthCare
  541 N. Fairbanks Court, Suite 950-Office 963
  Chicago, Illinois 60611

For Questions:

- Email: sbaggs@nm.org
- Phone: 312.926.7975

Please Type or Print

Last Name ___________________________________________ First Name ___________________________________________

Institution _____________________________________________________________________________________________________

Address _______________________________________________________________________________________________________

City _____________________________________________________ State ________________________ ZIP Code _______________

Email (Required) __________________________________________________________________________________________________ Your registration confirmation will be emailed

Specialty

Special Dietary Requirements ......................................................................................................................... Advance notification required

Disability Accommodations .............................................................................................................................. Please advise us of your needs

How did you hear about our program?

- [ ] Brochure - [ ] Email - [ ] Website - [ ] Social Media - [ ] Word of Mouth - [ ] Previous Attendee

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