Medical and Surgical Interventions in ICH: A Practical Workshop

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

Babak S. Jahromi, MD, PhD, FRSCS, 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

Christopher P. Kellner, MD
Director, Intracerebral Hemorrhage Program
Assistant Professor, Department of Neurological Surgery
The Mount Sinai Hospital

Christopher M. Nickele, MD
Endovascular Neurosurgeon
Semmes-Murphey Clinic

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

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 April 20, to ensure accommodations at the discounted rate.

Welcome Dinner
Friday, May 8, 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 early bird registration fee is $50. After April 1, the registration fee is $100. Additionally, those who register prior to April 1, will receive a travel stipend.

To register online, please visit cme.northwestern.edu. If paying with check, please mail your check, made payable to Northwestern Memorial Hospital (CME), to the following address:

Sarah Baggs
c/o Northwestern Memorial HealthCare
541 N. Fairbanks Court, Suite 950-Office 963
Chicago, Illinois 60611

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 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Registration Form

Registration Category

- Physician .......................................................................................................................................................... Early Bird $50/$100 after April 1

How to Register

ONLINE: cme.northwestern.edu

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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