

# THE UNIVERSITY OF CHICAGO

Section of Neurosurgery,  
Department of Surgery

## 2016 KLUVER MEMORIAL SYMPOSIUM

### **THE WORST TYPE OF HEMORRHAGIC STROKE: RESULTS OF THE CLEAR III TRIAL OF THROMBOLYSIS FOR INTRAVENTRICULAR HEMORRHAGE AND CLINICAL IMPLICATIONS**

Wednesday, May 25th, 2016  
5:00pm – 8:30pm



THE QUADRANGLE CLUB  
1155 E. 57th Street  
Main Dining Room  
Chicago, IL 60637

#### **COURSE DIRECTORS:**

David M. Frim, MD, PhD  
*The Ralph Cannon Professor of Surgery,  
Neurology, and Pediatrics  
Chief, Section of Neurosurgery  
The University of Chicago Medicine*

Issam A. Awad, MD, MSc, FACS, MA (Hon)  
*The John Harper Seeley Professor of Surgery,  
Neurology, and the Cancer Center  
Director of Neurovascular Surgery  
The University of Chicago Medicine*

This educational activity is funded by the Heinrich  
Kliver Memorial Lectureship Endowment.

For additional information visit:  
[cme.uchicago.edu/WorstStroke2016](http://cme.uchicago.edu/WorstStroke2016)



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**CHICAGO**  
MEDICINE &  
BIOLOGICAL  
SCIENCES

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Director of Neurovascular Surgery  
The University of Chicago Medicine*

## KLUVER MEMORIAL DISTINGUISHED PROFESSOR

### **Daniel F. Hanley, Jr., MD**

*Jeffrey and Harriet Legum Professor of Acute Neurological Medicine  
Professor of Neurology, Neurosurgery, and Anesthesia/Critical Medicine  
The Johns Hopkins Medical Institutions*

## KLUVER MEMORIAL VISITING FACULTY

### **Sepideh Amin-Hanjani, MD**

*Professor of Neurosurgery  
Co-Director, Neurovascular Surgery  
University of Illinois at Chicago*

### **Sayona John, MD**

*Associate Professor, Department of Neurology and Neurosurgery  
Section Head, Critical Care Neurology  
Medical Director, Neuroscience ICU  
Rush University Medical Center*

### **George A. Lopez, MD, PhD**

*Associate Medical Director, Neuroscience ICU  
Rush University Medical Center*

## THE UNIVERSITY OF CHICAGO MEDICINE FACULTY

### **Agnieszka Ardelt, MD, PhD**

*Associate Professor of Neurology and Surgery  
Director, Neurosciences ICU  
Director, Neurocritical Care Fellowship Program  
Director, Neurocritical Care Research Laboratory  
The University of Chicago Medicine*

## FACULTY DISCLOSURE

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## COURSE DESCRIPTION

This event will disseminate knowledge about expected outcomes of IVH, the most severe form of stroke, with current standards of care and educate when and how best to use EVD thrombolysis as a tool to improve outcomes of IVH. It will discuss case examples highlighting knowledge gained, practical questions, and remaining controversies. Additionally, the course will review the recently reported results of the CLEAR III trial. This information will help attendees provide improved care for patients who suffer from intraventricular hemorrhages.

## TARGET AUDIENCE

This program will be of interest and benefit to neurosurgeons, neurologists, critical care physicians, and stroke care teams (nurses, administrators, care coordinators, emergency response personnel, etc.), including medical students, residents, fellows, and practitioners in these respective fields.

## LEARNING OBJECTIVES

- *Define the classification and grading of hemorrhagic strokes with intraventricular hemorrhage (IVH)*
- *State the current evidence-based practice guidelines for management of IVH*
- *Describe results of the CLEAR III Trial and the impact of EVD thrombolysis on mortality and functional recovery*
- *Recall results of the CLEAR III Trial, what subgroups of patients are most likely to benefit, and the protocol steps aimed at enhancing the benefit and mitigating the risks of EVD thrombolysis*
- *Discuss practical clinical decisions related to specific examples of challenges regarding case selection and EVD thrombolysis goals and expected outcomes*

## ACCREDITATION AND CREDIT DESIGNATION

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum 2.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME, please consult your professional licensing board.

# SYMPOSIUM AGENDA

## WEDNESDAY, MAY 25TH, 2016

5:00 pm - 5:30 pm	<b>REGISTRATION &amp; RECEPTION</b>
5:30 pm - 5:40 pm	<b>WELCOME AND INTRODUCTIONS</b> <i>David M. Frim, MD, PhD, and</i> <i>Issam A. Awad, MD, MSc, FACS, MA (Hon)</i>
5:40 pm - 6:10 pm	<b>Results of the CLEAR III Trial: Rationale, Protocol, and Impact on Outcome</b> <i>Daniel F. Hanley, Jr., MD</i>
6:10 pm - 6:40 pm	<b>Results of the CLEAR III Trial: How to Enhance the Benefit of EVD Thrombolysis</b> <i>Issam A. Awad, MD, MSc, FACS, MA (Hon)</i>
6:40 pm - 7:00 pm	<b>BUFFET DINNER SERVICE</b>
7:00 pm - 8:30 pm	<b>Case Studies on Improving Case Selection and Critical Care Management</b> <i>Panelists: Ardelt, Amin-Hanjani, John, Lopez</i> <i>Moderators: Hanley and Awad</i>
8:30 pm	<b>SYMPOSIUM ADJOURNS</b>

## LOCATION

The Quadrangle Club  
1155 E. 57th Street  
Main Dining Room  
Chicago, IL 60637

*Program agenda and speaker selection are subject to change.*

*The University of Chicago reserves the right to cancel or postpone this symposium due to unforeseen circumstances. In the unlikely event this activity must be cancelled or postponed, the registration fee will be refunded; however, The University of Chicago is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.*

# REGISTRATION

## HOW TO REGISTER

 **EMAIL**   Cecilia Ehlenbach at [cehlenbach@surgery.bsd.uchicago.edu](mailto:cehlenbach@surgery.bsd.uchicago.edu)

Check and cash will be collected the day of the symposium.  
Please make all checks payable to **The University of Chicago**  
**(Tax ID# 36-2177139)**

## REGISTRATION FEE

The registration fee includes symposium materials, dinner, and cocktails. ***While registration is open until the start of the symposium, we do encourage early registration to enable us to provide the best possible service to participants.***

Physicians	\$40
Nurses/Residents/Fellows/Students	Complimentary

## ACCESSIBILITY

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act.

If you are in need of special accommodation or have any questions or concerns, please contact Cecilia at 773-702-8544 or by email at [cehlenbach@surgery.bsd.uchicago.edu](mailto:cehlenbach@surgery.bsd.uchicago.edu).



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