

2016 Annual

Cerebrovascular Disease Symposium: From Clinical Trial to Clinical Practice

Saturday

October 1, 2016

8:00 am-4:00 pm



Aresty Conference Center
USC Health Sciences Campus

1450 Biggy Street

Los Angeles, California 90089

Presented by:
Center for Cerebrovascular Disorders
Departments of Neurosurgery and Neurology
USC Office of Continuing Medical Education

Keck School of
Medicine of **USC**

PROGRAM

7:00 am	Registration and Continental Breakfast
8:00 am	Welcome <i>Arun Paul Amar, MD</i>
Session I:	
8:05 am	Novel Therapies of Cerebral Vasospasm <i>Arun Paul Amar, MD</i>
8:30 am	Innovations in Endovascular Aneurysm Treatment <i>Matthew Tenser, MD</i>
8:55 am	Management of Cerebral Artery Dissection <i>Natasha Renda, MD</i>
9:20 am	Air Pollution and Stroke <i>William Mack, MD</i>
9:45 am	Panel Discussion <i>Drs. Amar, Tenser, Renda, Mack</i>
10:00 am	Break

Session II:	
10:15 am	Management of Cerebral Cavernous Malformations <i>Jonathan Russin, MD</i>
10:40 am	Management of Cerebral Venous Thrombosis <i>Brian Walcott, MD</i>
11:05 am	Training the Next Generation of Cerebrovascular Specialists <i>Steven Giannotta, MD</i>
11:30 am	Panel Discussion <i>Drs. Russin, Walcott, Giannotta</i>
11:45 am	Lunch

Session III: Improving Patient Selection in Thrombolytic Therapies	
12:45 pm	Welcome Back <i>Gene Sung, MD, MPH</i>
12:50 pm	Scientific Rationale Behind AHA Guidelines for IV Thrombolysis <i>Gene Sung, MD, MPH</i>
1:15 pm	Defuse 3 Trial: Imaging-Based Penumbra Criteria for Mechanical Thrombectomy <i>May Kim-Tenser, MD</i>
1:40 pm	Thrombolysis for Intraventricular Hemorrhage <i>Ben Emanuel, DO</i>
2:05 pm	Panel Discussion <i>Drs. Sung, Kim-Tenser, Emanuel</i>
2:15 pm	Break
Session IV: Regionalization of Stroke Care	
2:30 pm	Telestroke <i>Sebina Bulic, MD</i>
2:55 pm	EMS Routing of Stroke Patients <i>Nerses Sanossian, MD</i>
3:20 pm	Improving Transitions of Care in Stroke <i>Amy Towfighi, MD</i>
3:45 pm	Panel Discussion <i>Drs. Bulic, Sanossian, Towfighi</i>
4:00 pm	Adjournment

FACULTY

COURSE DIRECTORS

Keck School of Medicine of USC

Los Angeles, CA

Arun Paul Amar, MD

Associate Professor of Neurological Surgery
Director of Endovascular Neurosurgery
Stroke Director and Associate Chief of
Neurosurgery, LAC+USC Medical Center

Gene Sung, MD, MPH

Assistant Professor of Neurology
Chief, Division of Neurocritical Care
and Stroke

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Los Angeles, CA

Sebina Bulic, MD, RVT

Assistant Professor
Department of Neurology

Benjamin Emanuel, DO

Assistant Professor of Neurology
Co-Director of Neurocritical Care/
Stroke Services
Keck Medical Center of USC
Neurocritical Care Fellowship Program
Director

Steven Giannotta, MD

Professor and Chairman
Department of Neurological Surgery

May Kim-Tenser, MD

Assistant Professor of Neurology
Director of Neurocritical Care/
Stroke Services
Keck Medical Center of USC

KECK SCHOOL OF MEDICINE OF USC FACULTY

Los Angeles, CA

William J. Mack, MD, MS

Associate Professor,
Department of Neurological Surgery
Zilkha Neurogenetic Institute

Natasha Renda, MD

Assistant Professor
Department of Neurology

Jonathan Russin, MD

Assistant Professor
Department of Neurological Surgery

Nerses Sanossian, MD

Associate Professor of Neurology
Director, Roxanna Todd Hodges
Comprehensive Stroke Clinic
Stroke Fellowship Program Director

Matthew Tenser, ScM, MD

Assistant Professor
Department of Neurological Surgery

Amytis Towfighi, MD

Director, Neurological Services, Innovation
and Quality L.A. County Department of
Health Services
Associate Professor of Neurology
(Clinical Scholar)
Associate Chief Medical Officer and
Chair, Department of Neurology
Rancho Los Amigos National Rehabilitation
Center

Brian Walcott, MD

Clinical Instructor
Department of Neurosurgery

COURSE DESCRIPTION

This course presents an annual update of major advances in the treatment of cerebrovascular disease. The highlights of 2016 include reviews of clinical and basic science research being conducted at USC and discussions of how these investigations guide clinical practice. Such topics include trials of imaging selection in acute ischemic stroke, novel intraventricular therapies for cerebral vasospasm, thrombolysis for intraventricular hemorrhage, the impact of routing stroke patients to designated centers and others. Additional presentations focus on the newest guidelines for intravenous thrombolysis, innovations in endovascular management of aneurysms, telestroke, expanded treatment options for venous thrombosis and other conditions.

The course is structured to be highly interactive, including audience polling, case presentations, panel discussion and question and answer sessions. Audience participation is encouraged.

EDUCATIONAL OBJECTIVES

By the end of the course, participants will be able to:

- Explain the impact of clinical trials for imaging selection in acute ischemic stroke, novel intraventricular therapies for cerebral vasospasm, thrombolysis for intraventricular hemorrhage and routing of stroke patients to designated centers.
- Describe the critiques and limitations of these studies.
- Compare medical versus surgical management of acute ischemic stroke, cavernous malformations, cerebral artery dissection, venous sinus thrombosis and other cerebrovascular disorders.
- Formulate evidence-based treatment algorithms for the management of patients with these conditions.

TARGET AUDIENCE

This course is intended for neurosurgeons, neurologists, emergency department physicians, primary care providers, nurses and other allied healthcare professionals.

ACCREDITATION STATEMENT

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

CREDIT DESIGNATION

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of 6.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider Number CEP00105 for 6.50 contact hours.

REGISTRATION

2016 Annual Cerebrovascular Disease Symposium: October 1, 2016

- Tuition:** **Early bird registration** closes September 26, 2016, noon PST
Tuition includes continental breakfast and lunch.
- ☐ \$100 MD, DO ☐ \$50 Nurses, Allied Health Professionals
After September 28, 2015, noon PST register on site.
\$125 MD, DO \$100 Nurses, Allied Health Professionals
- Discounted tuition available to fellows, residents and students. For details please email Arun Amar, MD at amar@usc.edu or Leslie Tarlow at ltarlow@usc.edu.
- Cancellation:** Registration cancellations must be received by the USC Office of CME (fax or email) by September 26, 2016, 4:00 pm PST for a tuition refund to be issued. A \$25 cancellation fee will be applied. In the event of course cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund any travel costs incurred.
- Location:** Catherine and Joseph Aresty Conference Center, in the lower ground level of the Harlyne J. Norris Cancer Research Tower on the USC Health Sciences Campus: 1450 Biggy Street, Los Angeles, CA 90089.
- Parking:** Biggy Parking Structure (P8), 1334 Biggy Street at Zonal Avenue, Los Angeles, CA, 90089 on the USC Health Sciences Campus. \$12.
- Register:** Mail: 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033
Online: www.usc.edu/cme, scroll down to "2016 Cerebrovascular Disease Symposium."
Phone: (323) 442-2555 | Fax: 1 (888) 665-8650
Email: usccme@usc.edu
On site: Foyer of Aresty Conference Center: 1450 Biggy Street, LA, 90089

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EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

SPECIAL DIETARY OR PHYSICAL NEEDS _____

* Registration confirmation and event reminder will be emailed.

METHOD OF PAYMENT:

☐ Check (Payable to USC) ☐ Credit Card (Visa or Mastercard only)

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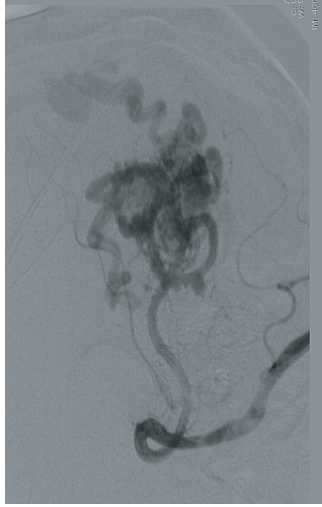
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