

2014 Annual Cerebrovascular Disease Symposium: Medical Versus Surgical Management of Cerebrovascular Disease

Saturday
September 27, 2014
7:00 a.m.-4:30 p.m.

Aresty Conference Center
USC Health Sciences Campus
1450 Biggy Street
Los Angeles, California 90089



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

Keck School of
Medicine of **USC**

COURSE DESCRIPTION

For many cerebrovascular disorders, randomized controlled trials have failed to support the superiority of interventional therapy over non-operative management. However, these studies are limited by selection bias, poor follow up and other methodological flaws. As a result, their validity and generalizability have been questioned, leading to enduring debate over medical versus surgical management.

This symposium provides a didactic review of the most common cerebrovascular disorders, including aneurysms, arteriovenous malformations, acute ischemic stroke, intracerebral hemorrhage, carotid stenosis and intracranial atherosclerosis. Each topic is presented in point-counterpoint format from the medical and surgical perspectives, citing landmark trials and their critiques.

PROGRAM

7:00 a.m.	Registration and Continental Breakfast	Session II: Ischemic Disease
8:00 a.m.	Welcome <i>Arun Paul Amar, M.D.</i>	12:45 p.m. Acute Ischemic Stroke Introduction Medical Management Interventional Management Panel Discussion, Q& A
	Session I: Hemorrhagic Disease	
8:15 a.m.	Arteriovenous Malformations Introduction Medical Management Interventional Management Panel Discussion, Q& A	1:45 p.m. Carotid Stenosis Introduction Medical Management Interventional Management Panel Discussion, Q& A
9:15 a.m.	Cerebral Aneurysms Introduction Medical Management Interventional Management Panel Discussion, Q& A	2:45 p.m. Break
10:15 a.m.	Break	3:15 p.m. Intracranial Atherosclerosis Introduction Medical Management Interventional Management Panel Discussion, Q& A
10:45 a.m.	Intracerebral Hemorrhage Introduction Medical Management Interventional Management Panel Discussion, Q& A	4:15 p.m. Closing Remarks
11:45 a.m.	Lunch	4:30 p.m. Adjournment
12:30 p.m.	Welcome Back <i>Gene Sung, M.D., M.P.H.</i>	

FACULTY

COURSE DIRECTORS

Keck School of Medicine of USC

Los Angeles, CA

Arun Paul Amar, M.D.

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

Gene Sung, M.D., M.P.H.

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

KECK SCHOOL OF MEDICINE OF USC FACULTY

Los Angeles, CA

Steven Giannotta, M.D.

Professor and Chairman
Department of Neurological Surgery

Charles Y. Liu, M.D., Ph.D.

Professor of Neurological Surgery, Neurology
and Biomedical Engineering
Keck School of Medicine of USC and
USC Viterbi School of Engineering

William J. Mack, M.D.

Assistant Professor,
Department of Neurological Surgery
Zilkha Neurogenetic Institute

Matthew Tenser, M.D.

Assistant Professor
Department of Neurological Surgery

Jonathan Russin, M.D.

Assistant Professor
Department of Neurological Surgery

Nerses Sanossian, M.D.

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

May Kim-Tenser, M.D.

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

Benjamin Emanuel, D.O.

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

Natasha Renda, M.D.

Assistant Professor
Department of Neurology

ALUMNI FACULTY

Peter Adamczyk, M.D.

Vascular Neurologist &
Neurointerventional Surgeon
Sutter Health East Bay Hospitals
Medical Director, Neurointerventional
Services
Alta Bates Summit Medical Center
Berkeley, CA

Alexander A. Khalessi, M.D., M.S.

Director of Endovascular Neurosurgery
Surgical Director of Neurocritical Care
Assistant Professor of Neurosurgery
University of California San Diego
San Diego, CA

EDUCATIONAL OBJECTIVES

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

- Explain landmark studies comparing medical versus interventional management of cerebrovascular disorders, including A Randomized Trial of Unruptured Brain Arteriovenous Malformations (ARUBA), Interventional Management of Stroke (IMS)-III, Surgical Treatment for Intracerebral Hemorrhage (STICH), Stenting and Aggressive Medical Management for Preventing Recurrent stroke in Intracranial Stenosis (SAMMPRIS), Carotid Occlusion Surgery Study (COSS) and others.
- Describe the critiques and limitations of these randomized clinical trials.
- Compare medical versus management of cerebral aneurysms, arteriovenous malformations, acute ischemic stroke, intracerebral hemorrhage, carotid stenosis and intracranial atherosclerosis.
- 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. It is structured to be highly interactive, including audience polling, case presentations, panel discussion and question and answer sessions. Audience participation is encouraged.

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 6.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

REGISTRATION

2014 Annual Cerebrovascular Disease Symposium: September 27, 2014

Tuition: **Early bird registration** closes September 25, 2014, noon P.S.T.
Tuition includes continental breakfast and lunch.

☐ \$100 MD, DO ☐ \$50 Nurses, Allied Health Professionals
After September 25, 2014, noon P.S.T. 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, M.D. at amar@usc.edu or Leslie Tarlow at ltarlow@usc.edu.

Cancellation Fee: There is a cancellation fee of \$25. All requests must be received by fax or email only by September 25, 2014. No cancellations after September 25, 2014.

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 (P6), 1334 Biggy Street at Zonal Avenue, Los Angeles, CA, 90089 on the USC Health Sciences Campus. \$10.

Cancellation: Courses subject to cancellation. **USC will not refund travel costs for canceled courses. If program is canceled by USC, tuition will be refunded.**

Register: Mail: 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033
Online: www.usc.edu/cme, scroll down to "2014 Cerebrovascular Disease Symposium."
Phone: 323-442-2555 | Fax: 1-888-665-8650
Email: uscme@usc.edu
On site: Foyer of Aresty Conference Center: 1450 Biggy Street, LA, 90089

Special Needs: Advance notice of any special physical or dietary needs by September 12, 2014 will help us serve you better.

NAME _____ DEGREE _____

LICENSE# (MD/RN) _____

TELEPHONE _____ FAX _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

* Registration confirmation and event reminder will be emailed.

METHOD OF PAYMENT:

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

Visa/Mastercard # _____

Expiration Date _____ Three digit security code on back of card _____

Authorized Signature _____ Amount \$ _____

Keck School of Medicine of USC

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