



Saturday, October 15, 2022

Virtual Conference

7:45 am - 1:00 pm

**2022 Annual
Cerebrovascular Disease
Symposium:
From Clinical Trial to
Clinical Practice**

Keck School of Medicine of **USC**

Presented By:

*USC Comprehensive Cerebrovascular and Stroke Center, Departments of
Neurosurgery and Neurology and USC Office of Continuing Medical Education*

PROGRAM AGENDA

7:45 am **Conference Login Begins**

8:00 am **Welcome**

Arun Amar, MD

Session I: Update on Cerebrovascular Clinical Trials at USC

Moderator: Arun Paul Amar, MD

8:10 am **Thrombolysis in Imaging-Eligible, Late-Window Patients to Assess the Efficacy and Safety of Tenecteplase (TIMELESS)**

May Kim-Tenser, MD

8:30 am **Perfusion Imaging to Identify Posterior Circulation Candidates for Thrombectomy (PRECISE)**

May Kim-Tenser, MD

8:50 am **Imperative Trial of Direct Aspiration for Mechanical Thrombectomy of Stroke**

Matthew Tenser, MD, ScM

9:10 am **Embolization of the Middle Meningeal Artery with ONYX™ Liquid Embolic System in the Treatment of Subacute and Chronic Subdural Hematoma (EMBOLISE)**

William Mack, MD

9:30 am **Panel Discussion**

9:40 am **Carotid Revascularization and Medical Management for Asymptomatic Carotid Stenosis (CREST 2/CREST H)**

Sebina Bulic, MD

10:00 am **Intrathecal Nicardipine for Vasospasm After Subarachnoid Hemorrhage (SATIN-PK)**

Roy Poblete, MD

10:20 am **Blood Pressure Management After Stroke or MI In An Underserved Population (BP Reach)**

Amy Towfighi, MD

10:40 am **Thrombectomy for Emergent Salvage of Large Anterior Circulation Ischemic Stroke (TESLA)**

Ashkan Mowla, MD

11:00 am **Panel Discussion**

11:15 am **Break**

Session II: Cerebrovascular Advances 2022

Moderator: Arun Paul Amar, MD

11:20 am **Rescue Stenting for Intracranial Atherosclerosis in Acute Ischemic Stroke**

Kasra Khatibi, MD

11:40 am **Neurorevascularization, Modern Techniques and Indications**

Jonathan J. Russin, MD

12:00 pm **Magnetic Resonance Vessel Wall Imaging**

Zhaoyang Fan, PhD

12:20 pm **Palliative Care for Stroke Neurologists**

Daniel Oh, MD

12:45 pm **Panel Discussion**

1:00 pm **Adjourn**

FACULTY

COURSE DIRECTORS

Keck Medicine of USC

Arun Paul Amar, MD

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

Nerses Sanossian, MD

Associate Professor of Neurology
Chief, Division of Neurocritical Care and Stroke
Director, Roxanna Todd Hodges
Comprehensive Stroke Clinic
Co-Director, LAC+USC Stroke Program
Department of Neurology

KECK SCHOOL OF MEDICINE

Faculty

Sebina Bulic, MD

Assistant Professor of Neurology
Director, Stroke Neurology
Department of Neurology

Zhaoyang Fan, PhD

Associate Professor of Radiology
Director of MR Imaging Research
Department of Radiology

Kasra Khatibi, MD

Assistant Professor of Neurological Surgery
Department of Neurological Surgery

May Kim-Tenser, MD, MHA, FAHA

Associate Professor of Neurology
Medical Director and Chief, Neurosciences ICU
at Keck Hospital of USC
Department of Neurology

William Mack, MD

Professor of Neurological Surgery
Vice Chair, Academic Affairs
Department of Neurological Surgery
Zilkha Neurogenetic Institute

Ashkan Mowla, MD

Assistant Professor of Neurological Surgery
Department of Neurological Surgery

Daniel Oh, MD

Vascular Neurology Fellow

Roy Poblete, MD

Assistant Professor of Clinical Neurology
Medical Director, Neuroscience Intensive Care Unit
LAC+USC Medical Center
Department of Neurology

Jonathan J. Russin, MD

Assistant Professor of Clinical Neurological Surgery
Assistant Surgical Director, Center for Neurorestoration
Department of Neurological Surgery

Matthew Tenser, MD, ScM

Associate Professor of Clinical Neurological Surgery and Neurology
Director, Community Clinical Neurosciences
Director, Endovascular Neurosurgery, USC Arcadia
Departments of Neurological Surgery and Neurology

Amy Towfighi, MD

Professor of Neurology (Clinical Scholar)
Department of Neurology
Director, Neurological Services, Innovation and Quality
LA County Department of Health Services

COURSE DESCRIPTION

This course presents an annual update of major advances in the treatment of cerebrovascular disease. The first two sessions highlight clinical trials being conducted at USC for several different potential interventions, including Tenecteplase for acute ischemic stroke, embolization of middle meningeal artery for chronic subdural hematoma, endarterectomy versus stenting for carotid stenosis, direct aspiration for mechanical thrombectomy, and many others. Each presentation addresses relevant background, existing knowledge gaps, and trial information.

The last session reviews the latest updates in several areas of cerebrovascular disease including the magnetic resonance vessel wall imaging in cerebrovascular disease, modern techniques and indications for neurorevascularization, and rescue stenting for intracranial atherosclerotic disease during acute ischemic stroke. The program concludes with a recap of the landmark stroke studies over the past year. It is structured to be highly interactive, including case presentations, panel discussions, and question and answer sessions.

EDUCATIONAL OBJECTIVES

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

- Explain the rationale and indications for middle meningeal artery embolization for chronic subdural hematoma.
- Define the role of perfusion imaging in triaging endovascular management of posterior circulation stroke.
- Contrast Tenecteplase versus alteplase for intravenous thrombolysis.
- Implement protocols for blood pressure management in secondary stroke prevention.
- Discuss contemporary indications and strategies for cerebrovascular bypass.
- Prognosticate outcome for thrombectomy in patients with large core infarcts.
- Compare medical versus surgical/endovascular management of carotid artery stenosis.
- Understand the role of magnetic resonance vessel wall imaging in cerebrovascular disease.
- Review the latest guidelines for stroke management.
- Critique the limitations of the studies referenced above.
- 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 5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The following may apply *AMA PRA Category 1 Credit(s)™* for license renewal: Registered Nurses may report up to 5 credit hour(s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number.

Physician Assistants: The National Commission on Certification of Physician Assistants states that *AMA PRA Category 1 Credits™* accredited courses are acceptable CME requirements for recertification.

REGISTRATION FORM

2022 Annual Cerebrovascular Disease Symposium: From Clinical Trial to Clinical Practice

Virtual Conference - October 15, 2022

Tuition: Registration closes October 15, 2022, at 9:00 am PDT.

- ☐ \$75 MD/DO
☐ \$50 NP/PA/APP
☐ \$50 RN/AH

Cancellation: Cancellations must be received by the USC Office of CME (fax or email) by October 12, 12:00 pm PDT for a refund. A \$25 cancellation fee will be applied. In the event of course cancellation by conference organizers, all registration fees will be fully refunded.

Location: Virtual Conference

Register: **Mail:** 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033
Mail-in registration must be postmarked by October 12, 2022.
Online: keckusc.cloud-cme.com/cvdisease2022. Visa or Mastercard only.
Phone: (323) 442-2555 | **Fax:** 1 (888) 665-8650
Email: uscme@usc.edu

Registration will be available the morning of the conference until 9:00 am, PDT.
Register at keckusc.cloud-cme.com/cvdisease2022, Visa or Mastercard only.
Payment will be accepted by credit card only for registration on October 15.

NAME _____ DEGREE _____

MEDICAL LICENSE NUMBER _____

TELEPHONE _____

ADDRESS _____
STREET

CITY _____ STATE _____ ZIP _____

SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

*Registration confirmation and event reminder will be emailed.

METHOD OF PAYMENT:

No cash payment accepted.

- ☐ Check (Check payable to USC. Check payment must be postmarked by October 12, 2022)
☐ Credit Card (Mastercard or Visa online, American Express by Fax)

CREDIT CARD NUMBER _____

EXPIRATION DATE _____ SECURITY CODE _____

AUTHORIZED SIGNER _____ AMOUNT \$ _____

COURSES ARE SUBJECT TO CANCELLATION.



Keck School of Medicine of USC

Office of Continuing Medical Education

1540 Alcazar Street, CHP 223

Los Angeles, CA 90033



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Non-Profit
U.S. Postage
PAID
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