



CEDARS-SINAI®  
NEUROVASCULAR CENTER



# 11th Annual Symposium on Neurovascular Disease: Neurovascular Emergencies

SATURDAY JANUARY 19, 2019

7:15 A.M. TO 5:10 P.M.

This activity is designed to meet the educational needs of: neurologists, neurosurgeons, emergency medicine physicians, vascular surgeons, internists and family practitioners, as well as other healthcare professionals, including nurses and radiology technologists.

## CONFERENCE LOCATION

Hotel Casa del Mar  
1910 Ocean Way  
Santa Monica, CA 90405  
310-581-5533

For the latest course information and to register, visit [cedars.cloud-cme.com/neurovascularcme](https://cedars.cloud-cme.com/neurovascularcme)



Cedars-Sinai Medical Center's Stroke Program has earned The Joint Commission's Gold Seal of Approval™. Cedars-Sinai is certified by the Joint Commission as a Comprehensive Stroke Center.

*In cooperation with*



# 11th Annual Symposium on Neurovascular Disease: Neurovascular Emergencies

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The 11th Annual Neurovascular Symposium will provide clinical updates and best practices for the diagnosis and identification of neurovascular emergencies and the strategies for optimal treatment and management of high-risk patients. Following an update on American Heart Association (AHA) guidelines, content will explore identifying neurological emergencies such as severe headache, transient ischemic attack (TIA), timing for a “Code Brain” call, and neuro-ophthalmological issues. Content is covered on acute blockages, including small and large vessel strokes and posterior circulation stroke, along with topics that address acute bleeds, including high-risk neurological conditions such as carotid blowout syndrome, epistaxis and subarachnoid hemorrhage (SAH). Headache contents will provide details on migraine emergencies and, venous sinus stenosis, and the program will conclude with case studies in management. Expert faculty will present cutting-edge diagnosis, treatment, and management strategies to support healthcare professionals in delivering optimal care to patients with high-risk neurovascular events. Designed to encourage participation and discussion, this one-day conference provides an interdisciplinary approach using didactic lectures and case presentations.

## EDUCATIONAL OBJECTIVES

- Describe recent American Stroke Association updates to the 2018 AHA/ASA guidelines for the early management of stroke
- Improve knowledge of stroke assessment and apply the timeline for emergent care of ischemic stroke to help minimize its effects
- Distinguish between migraine or severe headache disorders and headaches that could be symptomatic of other more serious conditions
- Define recent recommendations for diagnosis and management of pediatric neurovascular emergencies
- Discuss neuro-ophthalmological emergencies and the strategies that can be applied to prevent or mitigate vision or life-threatening conditions when promptly undertaken
- Identify vascular anatomical variations in patients with acute blockages, the clinical differences that may affect stroke severity, and presenting signs and symptoms
- List current evaluation strategies for patients presenting with transient ischemic attacks, including crescendo TIAs
- Use evidence-based approaches to the diagnosis and clinical management of neurological emergencies, including strokes and bleeds
- Diagnose secondary headaches and describe the principals involved in distinguishing primary from secondary based on patient history and clinical symptoms

## ACCREDITATION STATEMENT

Cedars-Sinai Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.



## CREDIT DESIGNATION STATEMENT

Cedars-Sinai Medical Center designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## NURSES

The California State Board of Registered Nursing accepts courses approved by the ACCME for category 1 credit as meeting the continuing education requirements for license renewal.

## **ASRT**

Approved by the ASRT for 8.5 Category A continuing education credit.

## **TRAINING / CREDIT DISCLAIMER STATEMENT**

While offering CME credit, this course is not intended to provide extensive training for certification in the field. Approval of Category 1 credit by Cedars-Sinai Medical Center should not be construed as endorsement of any product.

## **POLICY ON DISCLOSURE**

It is the policy of Cedars-Sinai Medical Center to ensure balance, independence, objectivity, and scientific rigor in all its educational activities. Cedars-Sinai Medical Center assesses conflicts of interest with its faculty, planners and managers of CME activities. Conflicts of interest that are identified are resolved by reviewing that presenter's content for fair balance and absence of bias, scientific objectivity of studies utilized in this activity, and patient care recommendations.

While Cedars-Sinai Medical Center endeavors to review faculty content, it remains the obligation of each physician or other healthcare practitioner to determine the applicability or relevance of the information provided from this course in his or her own practice.

In accordance with the policy of Cedars-Sinai, faculty are asked to disclose any affiliation or financial interest that may affect the content of their presentations

## **ACKNOWLEDGMENT OF COMMERCIAL SUPPORT**

Any commercial support received for this course will be acknowledged at the conference.

## **CONFIRMATION**

To receive a registration confirmation, please provide your e-mail address.

If you do not receive a confirmation, please call (310) 423-5548 to confirm your registration.

## **REFUND POLICY**

All cancellations must be submitted in writing and refunds will be subject to a \$70 administrative charge. No refunds will be given after January 4, 2019.

## **CANCELLATION POLICY**

Cedars-Sinai reserves the right to cancel or reschedule programs due to circumstances beyond its control or close registration when programs are oversubscribed. Registrants are advised against purchasing nonrefundable airline tickets until they receive registration confirmation. Cedars-Sinai is not responsible for penalties incurred as a result of cancelled transportation costs.



We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

For further information, please call the Office of Continuing Medical Education at 310-423-5548 or 423-2935 or email at [stokes@cshs.org](mailto:stokes@cshs.org).

## **HOTEL ROOM RESERVATIONS**

A limited number of rooms have been reserved for meeting attendees. The conference room rate is \$395.00 plus applicable taxes for a non-ocean view king room. Reservations should be made by calling the Reservations Department at (800) 898-6999 and referencing Cedars-Sinai Medical Center Room Block.

Cancellations must be made by 4:00 p.m. Pacific Standard time, 72 hours prior to the date of arrival to avoid a charge of one night's room rate plus tax.

As this hotel is located at the beach, be aware that the room temperature may vary. Therefore, it is advisable to bring a sweater or coat to accommodate any temperature change.

**PLEASE NOTE** - There are instances where the room block sells out prior to the cut-off date of December 14, 2018.

**REGISTER AND MAKE YOUR HOTEL RESERVATION EARLY**

# AGENDA

7:15 A.M.	Registration and Continental Breakfast	
8:00	Introduction and AHA Guidelines Update	Michael Alexander, MD
IS IT AN EMERGENCY?		
8:05	Severe Headache in the Emergency Department	Sam Torbati, MD
8:30	TIA: Is it an Emergency?	Shlee Song, MD
8:55	Nursing: When to Call Code Brain	Laurie Paletz, RN
9:15	Neurovascular Ophthalmology	Swaraj Bose, MD
9:35	Break	
ACUTE BLOCKAGES		
9:55	Small Vessel Stroke	Patrick Lyden, MD
10:20	Large Vessel Stroke: Anterior Circulation	Aman Patel, MD
10:45	Posterior Circulation Stroke	Michael Alexander, MD
11:10	Carotid and Vertebral Dissection	Wouter Schievink, MD
11:35	Pediatric Neurovascular Emergencies	Nestor Gonzalez, MD
12:00 P.M.	Lunch	
ACUTE BLEEDS		
1:10	Carotid Blowout Syndrome and Epistaxis	M. Marcel Maya, MD
1:40	Subarachnoid Hemorrhage Management	Shahed Toossi, MD
2:05	Intracerebral Hemorrhage Treatments	Asma Moheet, MD
2:30	Gunshot Wounds to the Head	Michael Alexander, MD
2:55	Break	
CASE MANAGEMENT		
3:10	Do We Still Need tPA?	Konrad Schlick, MD
3:35	Venous Sinus Stenosis and Occlusion	Michael Schiraldi, MD
4:00	Complex Case Studies in Management	Edgar Olivas, MD; Robert Jackson, MD
5:10 P.M.	Adjourn	

# REGISTRATION FEES

## RECEIVED BY JAN. 4, 2019

Physician	\$250
Allied Health	\$130

## RECEIVED AFTER JAN. 4, 2019

Physician	\$275
Allied Health	\$150

## TO REGISTER VISIT

[cedars.cloud-cme.com/neurovascularcme](https://cedars.cloud-cme.com/neurovascularcme)

The registration fee includes CME credit, course materials, meal functions and reduced valet parking validation – (Overnight parking is not validated).

# FACULTY

## COURSE DIRECTORS

### Michael J. Alexander, MD

Professor and Vice Chairman  
Director, Neurovascular Center  
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Los Angeles, CA

### Patrick D. Lyden, MD

Professor of Neurology  
Carmen and Louis Warshaw Endowed Chair in  
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### Wouter Schievink, MD

Professor of Neurosurgery  
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## FACULTY

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### Robert Jackson, MD

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### Shahed Toossi, MD

Neuro-intensivist  
Department of Neurology  
Cedars-Sinai Medical Center

### Sam Torbati, MD

Co-Chairman  
Associate Professor of Emergency Medicine  
Department of Emergency Medicine  
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REGISTER TODAY!

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