

# 10th Annual Neurovascular Symposium: Developing Stroke Systems of Care SATURDAY JANUARY 20, 2018 7:15 A.M. TO 5:00 P.M.

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



#### CONFERENCE LOCATION

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



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





### **ACTIVITY INFORMATION**

#### **COURSE DESCRIPTION**

Neurovascular disease is the leading cause of permanent adult disability in the United States. Exciting new treatments show promise in preventing subsequent strokes as well as reversing the effects of acute stroke. The 10th Annual Symposium on Neurovascular Disease will focus on existing and emerging therapies for patients with cerebrovascular disease, including management and treatment of acute stroke, innovations in the treatment of intracranial atherosclerotic disease, and updates in the treatment of complex brain aneurysms. Renowned regional and national faculty will present and discuss these cutting-edge treatment and management strategies to support healthcare professionals in delivering optimal care to their patients with neurovascular disease. Designed to encourage participation and discussion, this one-day conference provides an interdisciplinary approach using didactic lectures, case presentations, and audience polling and participation to present new neurovascular data and discuss challenging clinical cases.

#### **EDUCATIONAL OBJECTIVES**

- Integrate recommendations for optimal management of acute stroke patients to enhance the quality of care and prevent secondary vascular events
- Review the diagnosis, clinical presentation and therapeutic approaches available for patients with symptomatic intracranial atherosclerotic disease
- Discuss the rationale behind surgical decision-making and the various treatment modalities for managing complex brain aneurysms
- Identify key features that reliably distinguish stroke from stroke mimics, and execute a focused and assured assessment of patients to ensure timely and appropriate treatment

#### **ACCREDITATION STATEMENT**

 $\label{lem:continuing} \begin{tabular}{l} Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. \end{tabular}$ 



#### **CREDIT DESIGNATION STATEMENT**

Cedars-Sinai Medical Center designates this live activity for a maximum of 7.5 AMA PRA Category 1  $Credit(s)^{TM}$ . Physicians should claim only 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**

Credit is pending approval.

#### 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 of 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.

#### ACKNOWLEDGMENT OF COMMERCIAL SUPPORT

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

### AGENDA

Registration and continental breakfast

8:00	Welcome and introduction to polling devices	Michael Alexander, MD
STRETCHI	NG THE BOUNDARIES OF ACUTE STROKE TREATMENT	
8:10	Stroke versus ischemia: What is salvageable?	Shahed Toossi, MD
8:35	Is advanced imaging necessary in acute stroke?	Shlee Song, MD
9:00	Are mobile stroke units effective?	Peter Rasmussen, MD
9:25	DAWN trial: What is the time window in stroke?	Raul Nogueira, MD
9:50	Break	
EVALUATI	NG THE ROLE OF REGIONAL COMPREHENSIVE STROKE C	ENTERS
10:05	Evolution of primary and comprehensive stroke centers	Konrad Schlick, MD
10:30	Telemedicine stroke treatment networks	Patrick Lyden, MD
10:55	Management of primary stroke centers	Zachary Gray, MD
11:20	What is the new standard for acute stroke care?	Sandra Narayanan, MD
12:00 P.M.	Lunch	
TREATME	NT OF COMPLEX CEREBRAL ANEURYSMS	
TREATMEI	NT OF COMPLEX CEREBRAL ANEURYSMS  Endovascular management of complex aneurysms	Michael Alexander, MD
		Michael Alexander, MD Frank Hsu, MD
1:10	Endovascular management of complex aneurysms	
1:10 1:35	Endovascular management of complex aneurysms  Surgical management of complex aneurysms	Frank Hsu, MD
1:10 1:35 2:00	Endovascular management of complex aneurysms Surgical management of complex aneurysms Non-ruptured aneurysms: Treat or not?	Frank Hsu, MD Wouter Schievink, MD
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#### HOTEL ROOM RESERVATIONS

5:00 P.M.

Adjourn

A limited number of rooms have been reserved for meeting attendees. The conference room rate is \$385.00 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 (14%).

 $PLEASE\ NOTE-There\ are\ instances\ where\ the\ room\ block\ sells\ out\ prior\ to\ the\ cut-off\ date\ of\ December.$ 

REGISTER AND MAKE YOUR HOTEL RESERVATION EARLY.

#### **DIRECTIONS TO CONFERENCE HOTEL**

Hotel Casa del Mar is located where Pico Boulevard ends at the Pacific Ocean in the City of Santa Monica, California.

 $From \, LAX: \ Take \ Century \ Boulevard \ to \ Sepulveda \ Boulevard \ North \ and \ turn \ right. \ Continue \ on \ Sepulveda \ to \ Lincoln \ and \ veer \ left. \ Continue \ on \ Lincoln \ to \ Pico \ and \ turn \ left. \ Continue \ to \ the \ end \ of \ Pico. \ Turn \ left \ to \ pull \ in \ front \ of \ the \ hotel \ for \ valet \ parking.$ 

From Los Angeles: Take the I-10 freeway to Santa Monica and exit at Fourth Street. Turn left on Fourth Street and continue through two stoplights to Pico Boulevard. Go right on Pico and continue for four blocks to the stop sign at the end of the street. Turn left to pull in front of the hotel for valet parking.

## REGISTRATION

10th Annual Neurovascul	ar Symnosiu	m: Developing Stroke Systems of Care
JANUARY 20, 2018	ar Symposia	m beveloping of one systems of care
REGISTRATION FEES Received by January 5, 2018 Received after January 5, 2018 and on-site (if available)	□ \$250 □ \$275	ALLIED HEALTH PROFESSIONAL  \$130  \$150  als, meal functions and valet parking (Overnight parking is no)
REGISTRATION METHODS ONLINE registration; cedars-sinal	i.edu/neurovascula	arcme
MAIL form to: Cedars-Sinai Medica Office of Continuing Medical Educat Attn: Registration 8797 Beverly Blvd., Suite 250 Los Angeles, CA 90048 FAX form to: 310-423-8596		
For additional course or registration	information call 310	0-423-5548.
Please print clearly		
LAST NAME		FIRST NAME
DEGREE		SPECIALTY
ADDRESS		
CITY		STATEZIP
PHONE		FAX
EMAIL		
*An email address is required to regis	ster for the conferen	nce.
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REFUND POLICY		

will be given after January 13, 2017.

#### **CANCELLATION POLICY**

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

#### **COURSE DIRECTORS**



Michael J. Alexander, MD Professor and Vice Chairman Director, Neurovascular Center Department of Neurosurgery Cedars-Sinai Medical Center Los Angeles, CA



Patrick D. Lyden, MD
Carmen and Louis Warshaw
Endowed Chair In Neurology
Chairman, Department of Neurology
Cedars-Sinai Medical Center
Los Angeles, CA



Wouter Schievink, MD
Professor of Neurosurgery
Director, Microvascular Neurosurgery
Department of Neurosurgery
Cedars-Sinai Medical Center
Los Angeles, CA

#### **FACULTY**

#### Oana M. Dumitrascu, MD, MSc

Vascular Neurologist
Department of Neurology
Cedars-Sinai Medical Center

### Zhaoyang Fan, PhD

Assistant Professor, Biomedical Sciences Technical Director, 3T MRI Biomedical Imaging Research Institute Cedars-Sinai Medical Center

#### Nestor R. Gonzalez, MD

Professor of Neurosurgery Director, Gonzalez Neurovascular Laboratory Department of Neurosurgery Cedars-Sinai Medical Center

#### Zachary Gray, MD

Medical Director Emergency Department Torrance Memorial Medical Center Torrance, CA

#### Frank P. K. Hsu, MD

Professor of Neurological Surgery
Chair of Neurological Surgery and Physical Medicine
and Rehabilitation
Professor of Biomedical Engineering
The Henry Samueli School of Engineering
School of Medicine
Professor of Otolaryngology
University of Irvine, School of Medicine
Irvine, CA

#### Sandra Narayanan, MD, FAHA

Neuroendovascular Program Director, Neurosurgery Wayne State University Detroit, Michigan

#### Raul G. Nogueira, MD

Professor of Neurology, Neurosurgery and Radiology Emory University School of Medicine Director of Neuroendovascular Service and Neurocritical Care Service Marcus Stroke & Neuroscience Center Grady Memorial Hospital Atlanta, GA

#### Peter A. Rasmussen, MD

Associate Professor Cleveland Clinic Lerner College of Medicine Case Western Reserve University. Director, Cerebrovascular Center Cleveland Clinic Cleveland, OH

#### Axel Rosengart, MD, PhD

Director, Neurocritical Care
Director, Neurocritical Care Research
Department of Neurology and Neurosurgery
Cedars-Sinai Medical Center

#### Konrad Schlick, MD

Vascular Neurologist Department of Neurology Cedars-Sinai Medical Center

#### Shlee S. Song, MD

Associate Director Stroke Program Department of Neurology Cedars-Sinai Medical Center

#### Shahed Toossi, MD

Neurocritical Care Faculty Department of Neurology Cedars-Sinai Medical Center



8797 Beverly Blvd., Suite 250 Los Angeles, CA 90048

Register Now for:

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Earn up to 7.5 AMA PRA Category I Credits<sup>TM</sup>

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