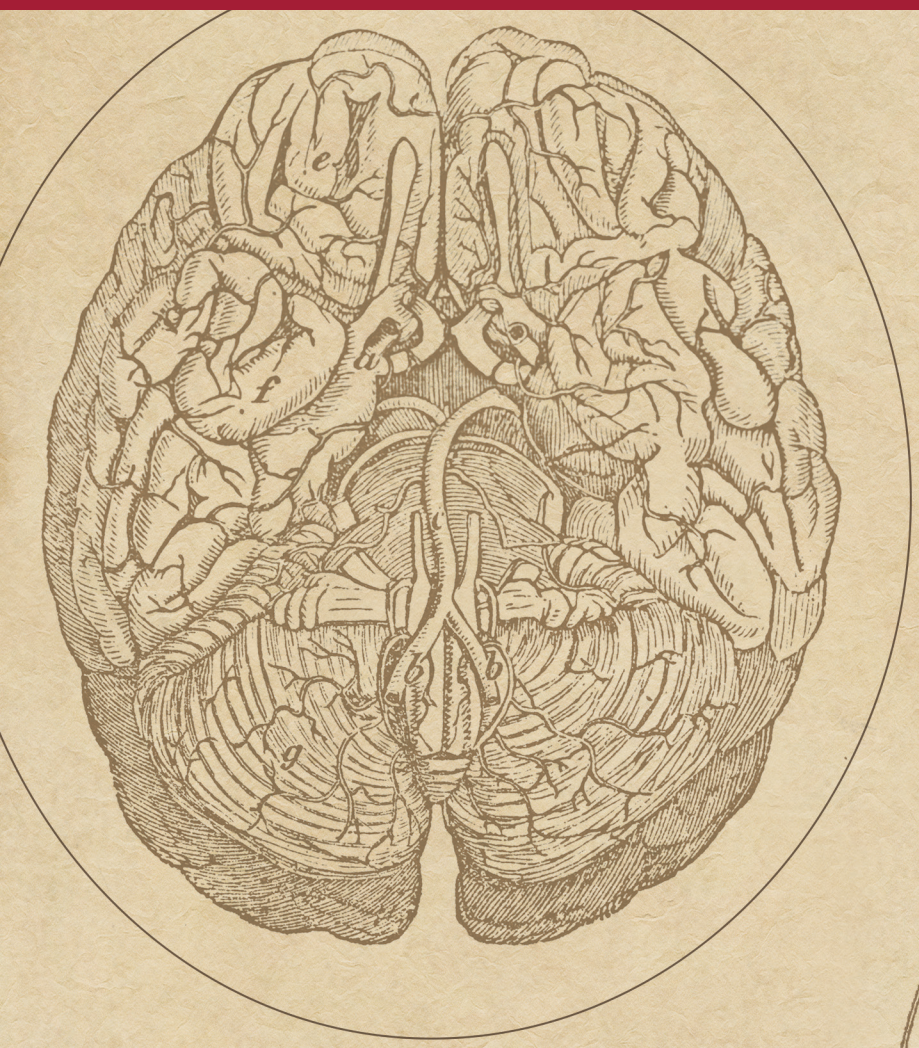
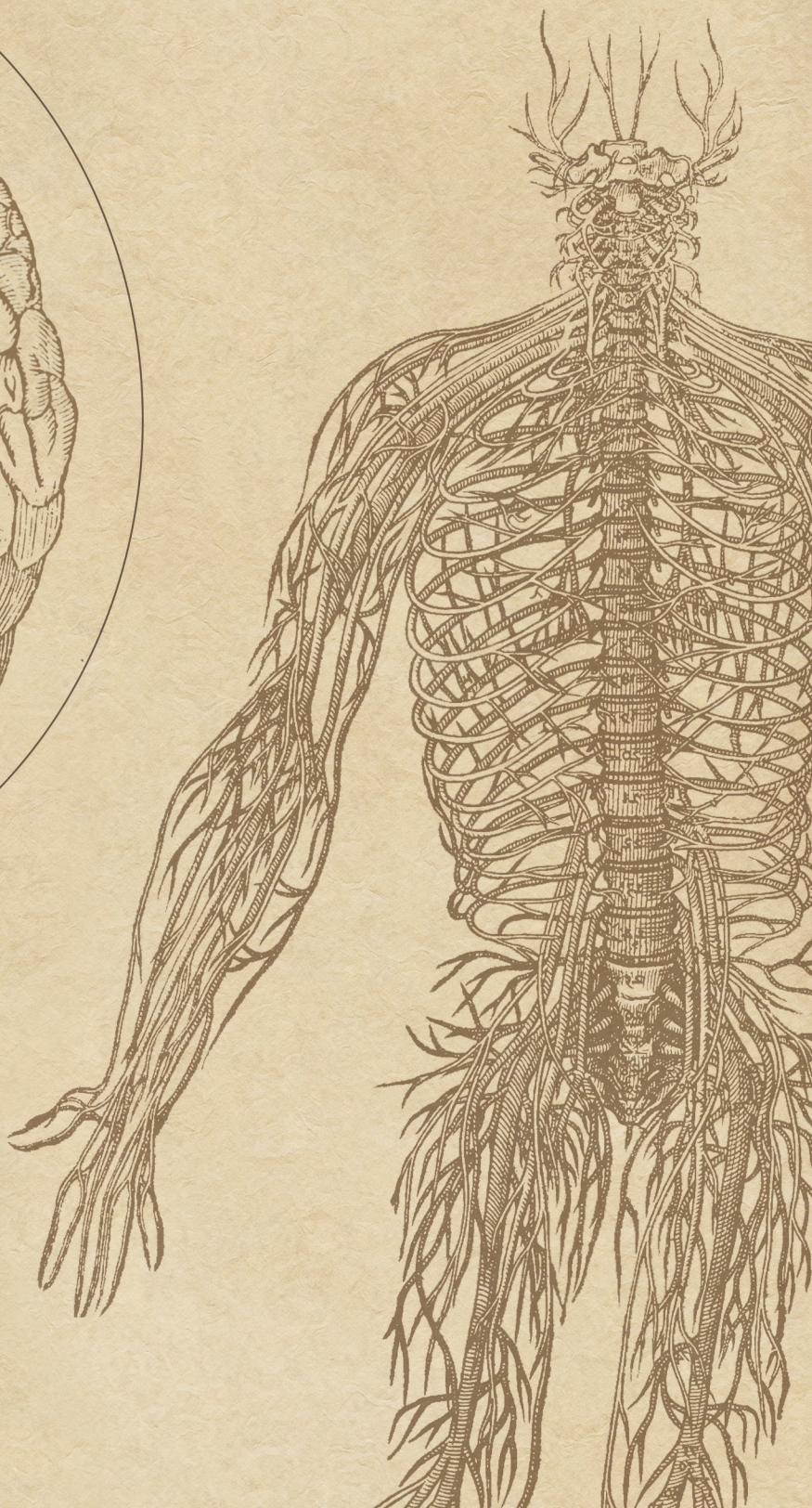
STANFORD HEALTH CARE PRESENTS THE 6TH ANNUAL

Breakthroughs in Neurologic Therapies:

RESTORING FUNCTION TO THE NERVOUS SYSTEM



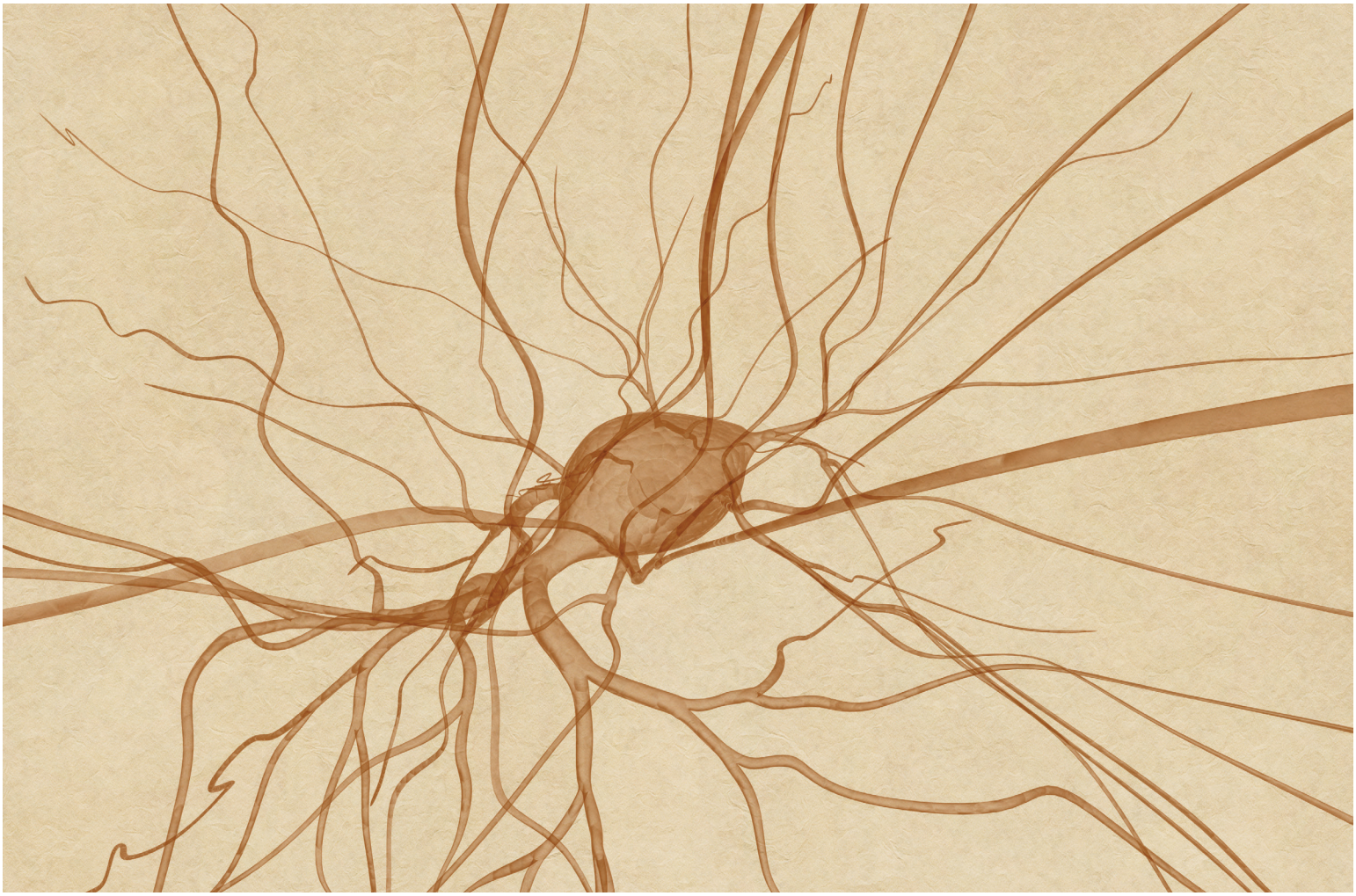


November 20 – 21, 2015
Palace Hotel
San Francisco, CA

Sponsored by the Stanford University School of Medicine
A Continuing Medical Education Conference

Stanford MEDICINE

Overview



Statement of Need

This CME activity seeks to fulfill the educational needs of healthcare professionals who manage patients with neurologic conditions. The goal of the symposium is to address identified clinical challenges, to update practitioners on latest advances and best practices in the rapidly evolving field of neuroscience, and to assist practitioners in developing strategies to apply this knowledge to the diagnosis, treatment and/or referral of patients with neurologic diseases and disorders. Lectures with question and answer sessions, panels and case discussions will afford learners the opportunity to discuss practice dilemmas with the expert faculty.

Target Audience

This course is designed for physicians who specialize in primary care, neurology, interventional radiology, neurosurgery, physical medicine and rehabilitation, neuro-oncology, internal medicine, emergency medicine, family practice as well as nurses and allied health professionals who manage patients with neurologic diseases and disorders.

Accreditation

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

Credit Designation

Stanford University School of Medicine designates this live activity for a maximum of 11.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements; as long as the course is certified for *AMA PRA Category 1 credit(s) ™* (*rn.ca.gov*). Nurses will receive a Certificate of Attendance following this activity that may be used for license renewal.

Tell a colleague; to register online go to: **cme.stanford.edu/neuro**

Program

FRIDAY, NOVEMBER 20, 2015

7:30 – 8:00 am **Registration**

8:00-8:10 **Welcome and Announcements**
Gregory Albers, MD and Frank M. Longo, MD, PhD

8:10-8:30 **Latest Strategies for Preventing and Treating Alzheimer's**
Frank M. Longo, MD, PhD

8:30-8:50 **Real World Approach to Cognitive Concerns**
Sharon J. Sha, MD, MS

8:50-9:10 **When to Refer Patients for Spine Surgery**
Lawrence M. Shuer, MD

9:10-9:30 **Management of Adult Spinal Deformity**
Atman Desai, MD

9:30-9:50 **Q&A Discussion**
Moderator: Frank M. Longo, MD, PhD

9:50-10:10 Break

10:10-10:30 **New Landmark Trials of Endovascular Therapy**
Gregory Albers, MD

10:30-10:50 **Neurointerventional Stroke Management**
Jeremy J. Heit, MD, PhD

10:50-11:10 **How to Diagnose And Manage Nontraditional Causes of Stroke**
Nirali Vora, MD

11:10-11:30 **Stem Cell Treatments for Stroke and Spinal Cord Injury**
Gary K. Steinberg, MD, PhD

11:30-11:50 **Q&A Discussion**
Moderator: Gregory Albers, MD

11:50-1:00 pm Lunch

1:00-1:40 **Neuroimaging Challenge**
Nancy J. Fischbein, MD

1:40-2:00 **Is it Demyelinating Disease?**
Jeffrey Dunn, MD, FAAN

2:00-2:20 **Neuroimmunology Case Vignettes**
May Han, MD; Christopher B. Lock, MD, PhD; Keith Van Haren, MD

2:20-2:40 **Q&A Discussion**
Moderator: Jeffrey Dunn, MD, FAAN

2:40-3:00 Break

3:00-3:20 **Chronic Migraine and Medication Overuse Headache**
Nada Hindiyeh, MD

3:20-3:40 **Refractory Migraine or Refractory Patient? Treatment Challenges**
Robert Cowan, MD, FAAN

3:40-4:00 **The Role of Autonomic Testing in the Diagnosis of Neurological Disorders**
Safwan Jaradeh, MD

4:00-4:20 **Staying Current in the Management of the Neurotrauma Patient: Polytrauma System of Care**
Odette Harris, MD, MPH

4:20-4:40 **Q&A Discussion**
Moderator: Robert Cowan, MD, FAAN

4:40 **Adjourn**

SATURDAY, NOVEMBER 21, 2015

8:00-8:05 am **Announcements**
Jaimie M. Henderson, MD

8:05-8:25 **Therapies and Breakthroughs in Dystonia**
Laurice Yang, MD, MHA

8:25-8:45 **Ataxia: A Diagnostic and Therapeutic Challenge in Movement Disorders**
Veronica E. Santini, MD, MA

8:45-9:05 **Deep Brain Stimulation for Movement Disorders**
Jaimie M. Henderson, MD

9:05-9:20 **Q&A Discussion**
Moderator: Jaimie M. Henderson, MD

9:20-9:35 Break

9:35-9:55 **Surgery for Tumors of the Skull Base**
Griffith R. Harsh IV, MD, MBA

9:55-10:15 **High-Grade Gliomas: New Insights and Emerging Therapeutic Strategies**
Michelle Monje, MD, PhD

10:15-10:35 **Cyberknife Radiosurgery for Brain Tumors**
Steve D. Chang, MD

10:35-10:50 **Q&A Discussion**
Moderator: Griffith R. Harsh IV, MD, MBA

10:50-11:10 **Status Epilepticus**
Robert Fisher, MD, PhD

11:10-11:30 **Laser Interstitial Thermal Ablation for Epilepsy**
Gerald A. Grant, MD, FACS

11:30-11:50 **Responsive Neurostimulation for Epilepsy**
Casey Halpern, MD

11:50-12:05 **Q&A Discussion**
Moderator: Casey Halpern, MD

12:05-1:30 pm Lunch

1:30-1:50 **Role of Inpatient Psychiatry in Helping to Diagnose Psychogenic Disorders**
John Barry, MD

1:50-2:10 **The Neurologist's Role in Managing Brain Injury After Cardiac Arrest**
Karen G. Hirsch, MD

2:10-2:30 **Update on Genetic Testing in Neuromuscular Disorders**
Jacinda Sampson, MD

2:30-2:50 **New Paradigms in Neurostimulation**
Peter Tass, MD, PhD

2:50-3:30 **Q&A Discussion**
Moderator: Jaimie M. Henderson, MD

3:30 **Adjourn**

Program subject to change.

Faculty

All faculty are affiliated with Stanford University School of Medicine unless otherwise noted

COURSE DIRECTORS

Gregory Albers, MD
Coyote Foundation Professor of Neurology and Neurological Sciences
Director, Stanford Stroke Center

Jaimie M. Henderson, MD
John and Jene Blume - Robert and Ruth Halperin Professor of Neurosurgery
Director, Stereotactic and Functional Neurosurgery
Co-Director, Neural Prosthetics Translational Laboratory

FACULTY

John Barry, MD
Professor of Psychiatry and Behavioral Sciences

Steve D. Chang, MD
Robert C. and Jeannette Powell Neurosciences Professor
Co-Director, Stanford Cyberknife Program
Director, Neurogenetics Program
Director, Neuromolecular Innovation Program

Robert Cowan, MD, FAAN
Clinical Professor of Neurology and Neurological Sciences
Division Chief, Headache

Atman Desai, MD
Clinical Assistant Professor of Neurosurgery

Jeffrey Dunn, MD, FAAN
Clinical Professor of Neurology and Neurological Sciences
Division Chief, Clinical Neuroimmunology
Director, Neurology Clerkship

Nancy J. Fischbein, MD
Professor of Radiology and, by courtesy, Neurology, Neurosurgery, and Otolaryngology-Head and Neck Surgery

Robert Fisher, MD, PhD
The Maslah Saul Professor in the Department of Neurology
Division Chief, Epilepsy Center

Gerald A. Grant, MD, FACS
Associate Professor of Neurosurgery
Vice Chair for Pediatric Neurosurgery
Division Chief, Pediatric Neurosurgery

Casey Halpern, MD
Assistant Professor of Neurosurgery

May Han, MD
Assistant Professor of Neurology and Neurological Sciences

Odette Harris, MD, MPH
Associate Professor of Neurosurgery
Director, Brain Injury
Associate Chief of Staff, Polytrauma
Director, Defense Veterans Brain Injury Center
Associate Chief of Staff, Rehabilitation, Palo Alto Veteran Affairs

Griffith R. Harsh IV, MD, MBA
Professor and Vice-Chairman for Education of Neurosurgery
Director, Brain Tumor Center
Co-Director, Pituitary Center
Associate Dean, Postgraduate Medicine Education

Jeremy J. Heit, MD, PhD
Clinical Instructor of Radiology, Neuroradiology and Interventional Neuroradiology Divisions

Nada Hindiyeh, MD
Clinical Assistant Professor of Neurology and Neurological Sciences

Karen G. Hirsch, MD
Assistant Professor of Neurology and Neurological Sciences
Division Chief, Neurocritical Care

Safwan Jaradeh, MD
Professor of Neurology and Neurological Sciences
Division Chief, Autonomics

Christopher B. Lock, MD, PhD
Clinical Associate Professor of Neurology and Neurological Sciences

Frank M. Longo, MD, PhD
George E. and Lucy Becker Professor
Chairman, Department of Neurology and Neurological Sciences

Michelle Monje, MD, PhD
Assistant Professor of Neurology and Neurological Sciences

Jacinda Sampson, MD
Clinical Associate Professor of Neurology and Neurological Sciences
Clinical Director, Neurogenetics Program

Veronica E. Santini, MD, MA
Clinical Assistant Professor of Neurology and Neurological Sciences
Co-Director, Huntington's Disease and Ataxia Clinic
Stanford Movement Disorders Center

Sharon J. Sha, MD, MS
Clinical Assistant Professor of Neurology and Neurological Sciences
Co-Director, Huntington's Disease and Ataxia Clinic
Director, Memory Disorders Clinical Trials Program
Director, Behavioral Neurology and Neuropsychiatry Fellowship

Lawrence M. Shuer, MD
Professor of Neurosurgery
Vice Chair for Quality Improvement

Gary K. Steinberg, MD, PhD
Bernard and Ronni Lacroute-William Randolph Hearst Professor of Neurosurgery and the Neurosciences
Chairman, Department of Neurosurgery

Peter Tass, MD, PhD
Consulting Professor of Neurosurgery
Director of the Institute of Neuroscience and Medicine – Neuromodulation, Juelich Research Center, Germany
Chair of Neuromodulation, Cologne University, Germany

Keith Van Haren, MD
Assistant Professor of Neurology and Neurological Sciences

Nirali Vora, MD
Clinical Assistant Professor of Neurology and Neurological Sciences

Laurice Yang, MD, MHA
Clinical Assistant Professor of Neurology and Neurological Sciences

Learning Objectives

- Evaluate and incorporate current screening, diagnosis and/or management strategies for patients presenting with the following selected diseases and disorders in order to improve quality of care:
  - Dementia
  - Neuromuscular Disorders
  - Adult Spinal Deformity
  - Stroke
  - Movement Disorders
  - Chronic Migraine/ Headache
  - Epilepsy
  - Psychogenic Disorders
  - Head Trauma
- Evaluate and treat patients with neurologic disorders using the most recent advances in:
  - Neuroradiology
  - Neuro-oncology
  - Neuroimmunology
- Appropriately determine when patients should be referred for additional diagnostic and/or treatment of neurological disorders.

Registration

FACULTY DISCLOSURE

The Stanford University School of Medicine adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of faculty and commercial relationships will be made prior to the activity.

VENUE INFORMATION

Palace Hotel
2 New Montgomery St • San Francisco, CA, 94105

Hotel phone: 415. 512.1111
www.sfpalace.com

Registration

Please register early – hotel and conference space are limited. Registration fee includes continental breakfast, lunch, course materials and certificate of attendance.

Register online by visiting **cme.stanford.edu/neuro**. Our online registration process requires the use of MasterCard or Visa in order to complete payment. Registrations are confirmed with a confirmation number on the screen and via e-mail immediately following your online registration. Please print a copy of your confirmation for your records.

If you prefer to pay by check, please call **650.497.8554** for assistance.

	Early Bird Discount	After October 23, 2015
Physician	☐ $495	☐ $645
Allied Health Professional	☐ $300	☐ $345

Cancellation Policy

Cancellations received on or before **October 23, 2015** will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to stanfordcme@stanford.edu or call **650.497.8554**. Stanford University School of Medicine reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded.

Stanford Center for Continuing Medical Education
1070 Arastradero Road, Suite 230 • Palo Alto, CA 94304
Phone: 650.497.8554 • Email: stanfordcme@stanford.edu • Web: cme.stanford.edu

Stanford University School of Medicine is fully ADA compliant. If you have needs that require special accommodations, including dietary concerns, please contact **cassalcazar@stanford.edu** or **650.724.5318**, before October 23, 2015.

ABOUT STANFORD HEALTH CARE

Stanford Health Care is known worldwide for advanced treatment of complex disorders in areas such as cardiovascular disease, cancer treatment, neurosciences, surgery and organ transplant. Consistently ranked among "America's Best Hospitals" by U.S. News and World Report, Stanford is internationally recognized for translating medical breakthroughs into care of patients. For more information, please visit **stanfordhealthcare.org**.

For more information about Stanford School of Medicine Departments of Neurology and Neurosurgery, please visit:

- **neurology.stanford.edu**
- **med.stanford.edu/neurosurgery**

Accommodations

A block of guest rooms has been reserved at the special Stanford CME rate of $240/night at the Palace Hotel. You are urged to make your reservations early. The cut-off date is **October 20, 2015**, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To secure a reservation, we ask that you contact the hotel directly at **888.627.7196**, or visit **http://bit.ly/neurocme15** to reserve online. Please identify yourself as a member of this Stanford CME conference to receive the special rate if you choose to reserve via phone. By staying at the host hotel, you help Stanford meet its contractual obligations and keep registration fees reasonable.

Parking and Transportation

Valet parking is available at the Palace Hotel. The charge is $59.00 per day including in and out privileges. For other parking options, visit **cme.stanford.edu/neuro**. Consider utilizing public transportation during your visit to San Francisco. For Bay Area transportation information, please visit **www.511.org**.

Questions

For questions about the conference or registration, please contact Cassandra Alcazar, CME Conference Coordinator at **650.724.5318** or email **cassalcazar@stanford.edu**

Tell a colleague; to register online go to: **cme.stanford.edu/neuro**

Stanford Health Care
Stanford Center for Continuing Medical Education
1070 Arastradero Road, Suite 230
Palo Alto, CA 94304

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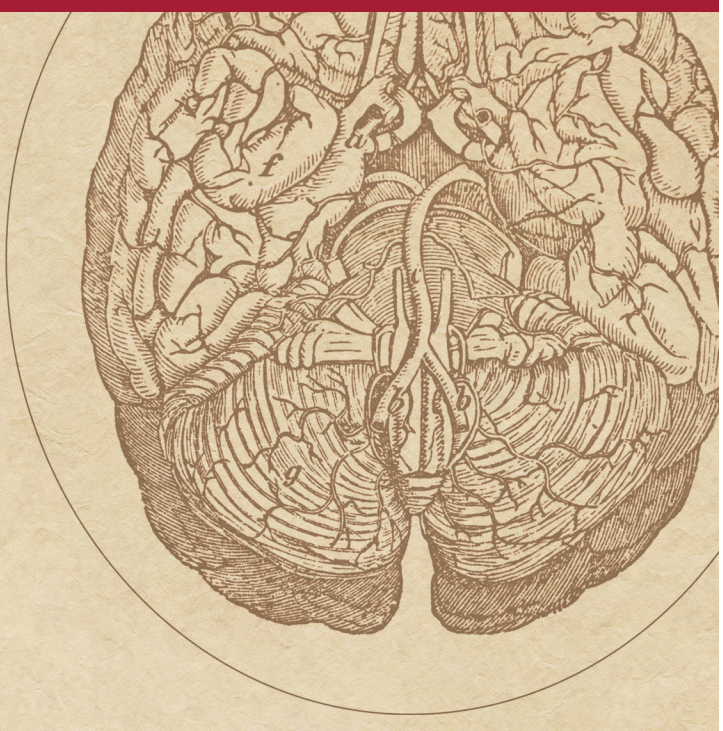

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