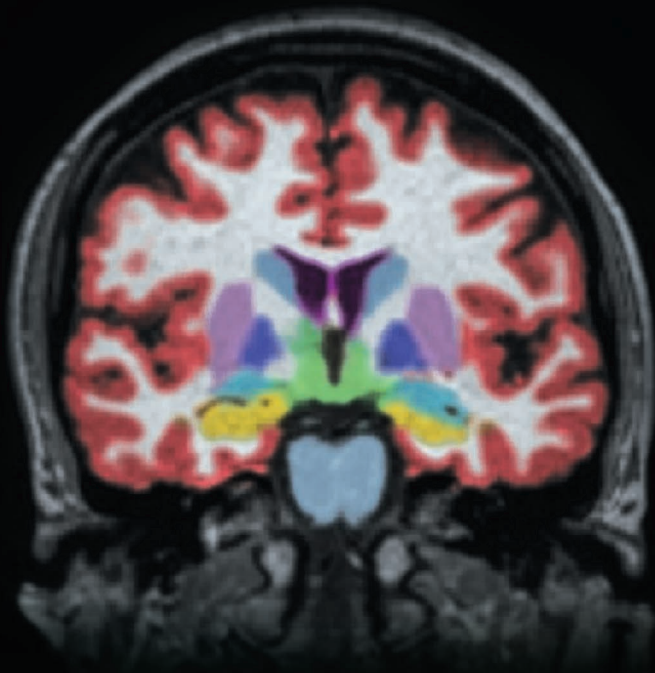


2014 Neurology Update – A Comprehensive Review for the Clinician

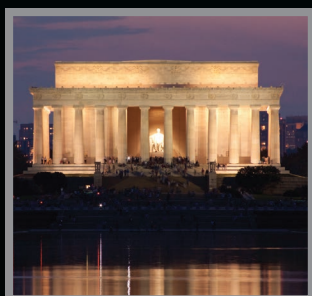
Featuring Self-Assessment Examination

OBTAIN YOUR ENTIRE YEAR'S ABPN SAE REQUIREMENT FOR MAINTENANCE
OF CERTIFICATION (MOC) BY ATTENDING THIS CONFERENCE

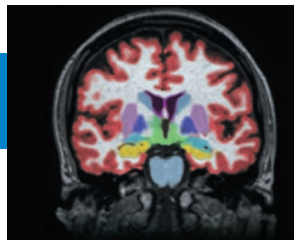


August 1-3, 2014

The Ritz-Carlton, Washington DC



Welcome



About the Course

Welcome to the 5th Annual Cleveland Clinic Neurology Update. On behalf of the Neurological Institute of the Cleveland Clinic we would like to welcome you to this course and hope you find it valuable in your continuing care of patients with neurological disease. Dr. Tavee and I continue to modify this course based in large part on changes in the field and evaluations from prior participants. We continue to encourage our speakers to use a case based approach and to focus on clinically meaningful information.

This year we have included key areas in neurology including topics in stroke prevention and management; Alzheimer's and related dementias; MS treatment particularly risk management; epilepsy and status epilepticus management, evaluation and treatment of back pain; common sleep disorders, movement disorders, and neuropathies; and evaluation and treatment of dizziness.

In addition this year we have added lectures on normal pressure hydrocephalus, primary brain tumors and paraneoplastic disorders of the nervous system, "Can't miss neuro-ophthalmologic diagnoses," a neurologist's guide to syncope, and central nervous system infections.

Also new this year will be a session each day on cases: MRI, general neurology, and neuromuscular. Finally we will conclude with our popular complementary and alternative medicine in neurology section. As in prior years we are happy to provide self-assessment evaluations as part of the course structure.

This course will be useful for neurologists in clinical practice looking for an update in neurological care, as well as for other physicians caring for neurological patients and allied health professionals working in the neurological field.

Jinny Tavee, MD
Course Co-Director

Alex Rae-Grant, MD, FRCP(C)
Course Co-Director

Target Audience

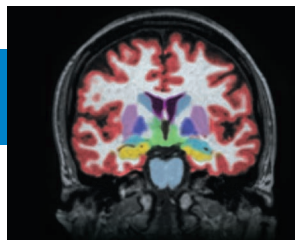
This course is directed towards neurologists, internists and family practice physicians, physician assistants, nurses and others involved in the diagnosis and treatment of neurological disorders.

Objectives

Upon completion of this course, the participant will be able to:

1. Analyze appropriate primary and secondary stroke prevention strategies.
2. Describe newer medications for multiple sclerosis and their therapeutic use.
3. Recognize changes in the diagnosis of Alzheimer's disease to include prodromal and preclinical forms of the disease.
4. Detail an updated approach to migraine and status migrainosus treatments.

Faculty



Cleveland Clinic Course Co-Directors

Jinny Tavee, MD

Assistant Professor
Cleveland Clinic Lerner College of Medicine
Neuromuscular Fellowship Program Director
Neuromuscular Center
Neurological Institute

Alex Rae-Grant, MD, FRCP(C)

Clinical Associate Professor
Cleveland Clinic Lerner College of Medicine
Mellen Center for Multiple Sclerosis Treatment
and Research
Neurological Institute

Cleveland Clinic Faculty

Hubert H. Fernandez, MD

Professor
Cleveland Clinic Lerner College of Medicine
Head, Section of Movement Disorders
Center for Neurological Restoration
Neurological Institute

Norman So, MD

Associate Professor
Cleveland Clinic Lerner College of Medicine
Staff, Epilepsy Center
Neurological Institute

M. Shazam Hussain, MD

Assistant Professor
Cleveland Clinic Lerner College of Medicine
Head, Cleveland Clinic Stroke Program
Staff, Cerebrovascular Center
Neurological Institute

Glen Stevens, DO, PhD

Section Head, Rose Ella Burkhardt Brain Tumor
and Neuro-Oncology Center
Neurological Institute

Carlos Isada, MD

Staff, Infectious Disease
Medicine Institute
Staff, Clinical Pathology
Pathology and Laboratory Medicine Institute

Stewart Tepper, MD

Professor
Cleveland Clinic Lerner College of Medicine
Staff, Neurological Center for Pain
Neurological Institute

Stephen E. Jones, PhD, MD

Assistant Professor
Cleveland Clinic Lerner College of Medicine
Staff, Division of Neuroradiology
Imaging Institute

Jessica Vensel Rundo, MD, MS

Staff, Sleep Disorders Center
Neurological Institute

James B. Leverenz, MD

Director, Cleveland Lou Ruvo Center
for Brain Health
Neurological Institute

Judith White, MD, PhD

Associate Professor
Cleveland Clinic Lerner College of Medicine
Section Head, Vestibular and Balance Disorders
Head and Neck Institute
Staff, Neurology
Neurological Institute

Mark Luciano, MD, PhD

Head, Pediatric and Congenital Neurosurgery
Co-director, Pediatric Neurology and
Neurosurgery
Center for Pediatric Neurology and Neurosurgery
Neurological Institute

Robert Wilson, DO

Associate Staff, Center for Regional
Neurosciences
Neurological Institute

Lisa Lystad, MD

Staff, Ophthalmology
Cole Eye Institute

Daniel Ontaneda, MD

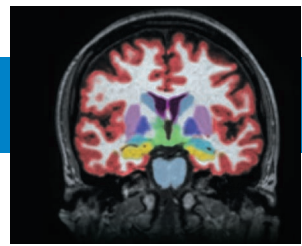
Assistant Professor
Cleveland Clinic Lerner College of Medicine
Staff, Mellen Center for Multiple Sclerosis
Treatment and Research
Neurological Institute

Robert W. Shields, Jr., MD

Director, Autonomic Laboratory
Center for Syncope and Autonomic Disorders
Neurological Institute



Agenda



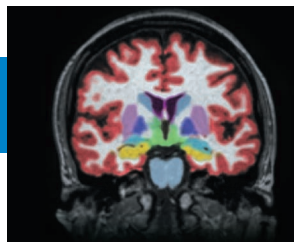
Friday, August 1, 2014

- 7:00 am **Registration/Continental Breakfast/Exhibits/SAE Paper Pre-Test**
SAE Paper Pre-Test – Written test only for those pursuing SAE credit who did not complete the pre-test online prior to the conference
- 8:00 am **Introduction** – *Alex Rae-Grant & Jinny Tavee*
- 8:10 am **Rapidly Progressive Dementias** – *Alex Rae-Grant*
- 8:40 am **MS: Current and Future Therapies** – *Daniel Ontaneda*
- 9:20 am **MS: Risks of Therapies** – *Daniel Ontaneda*
- 9:50 am **Panel Discussion/Question & Answer**
- 10:15 am **Refreshment Break & Exhibits**
- 10:35 am **Acute Stroke Management: Medical and Endovascular** – *Shazam Hussain*
- 11:20 am **Antiplatelet Therapy and Stroke Prevention** – *Shazam Hussain*
- 11:50 am **Question & Answer**
- 12:10 pm **Buffet Lunch**
- 1:00 pm **Epilepsy Treatment Update** – *Norman So*
- 1:30 pm **Status Epilepticus** – *Norman So*
- 2:00 pm **Normal Pressure Hydrocephalus** – *Mark Luciano*
- 2:45 pm **Panel Discussion/Question & Answer**
- 3:00 pm **Refreshment Break & Exhibits**
- 3:20 pm **Primary Brain Tumors** – *Glen Stevens*
- 3:50 pm **Paraneoplastic Disorders** – *Glen Stevens*
- 4:20 pm **MRI Case Studies** – *Stephen E. Jones*
- 4:50 pm **Panel Discussion/Question & Answer**
- 5:15 pm **Adjourn**

Saturday, August 2, 2014

- 7:00 am **Registration/Continental Breakfast/Exhibits/SAE Paper Pre-Test**
SAE Paper Pre-Test – Written test only for those pursuing SAE credit who did not complete the pre-test online prior to the conference
- 8:00 am **Evaluation and Treatment of Back Pain** – *Robert Wilson*
- 8:30 am **Migraine Update** – *Stewart Tepper*
- 9:15 am **Management of Chronic Daily Headache** – *Stewart Tepper*
- 9:45 am **Panel Discussion/Question & Answer**
- 10:15 am **Refreshment Break & Exhibits**
- 10:30 am **Parkinson's Disease Update** – *Hubert Fernandez*

Agenda



Saturday, August 2, 2014 *(continued)*

- 11:15 am **Evaluation and Treatment of Tremor** – *Hubert Fernandez*
- 11:45 am **Panel Discussion/Question & Answer**
- 12:00 pm **Buffet Lunch**
- 12:45 pm **Common Sleep Disorders** – *Jessica Vensel Rundo*
- 1:15 pm **CNS Infections** – *Carlos Isada*
- 2:00 pm **Neuro-ophthalmology Update** – *Lisa Lystad*
- 2:45 pm **Panel Discussion/Question & Answer**
- 3:05 pm **Refreshment Break & Exhibits**
- 3:25 pm **Challenging Cases** – *Alex Rae-Grant*
- 4:05 pm **Evaluation and Treatment of Dizziness** – *Judith White*
- 4:50 pm **Panel Discussion/Question & Answer**
- 5:00 pm **Adjourn**

Sunday, August 3, 2014

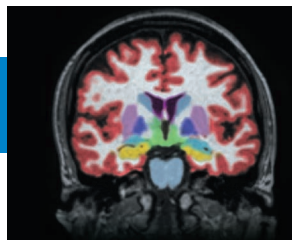
- 7:30 am **Registration/Continental Breakfast/Exhibits/SAE Paper Pre-Test**
SAE Paper Pre-Test – Written test only for those pursuing SAE credit who did not complete the pre-test online prior to the conference
- 8:00 am **Neurologist's Guide to Syncope** – *Robert Shields*
- 8:30 am **Peripheral Neuropathy Update** – *Jinny Tavee*
- 9:00 am **Neuromuscular Case Studies** – *Jinny Tavee*
- 9:30 am **Panel Discussion/Question & Answer**
- 10:00 am **Refreshment Break & Exhibits**
- 10:20 am **Diagnosis of Alzheimer's Disease and MCI** – *James B. Leverenz*
- 10:50 am **Treatment of Dementia** – *James B. Leverenz*
- 11:20 am **Panel Discussion/Question & Answer**
- 11:40 am **Complementary and Alternative Medicine in Neurology**
Jinny Tavee
- 12:00 pm **Adjourn**

Self Assessment Examination

The American Board of Psychiatry and Neurology has reviewed the 2014 Neurology Update – A Comprehensive Review for the Clinician and has approved this program as part of a comprehensive Self-Assessment Program, which is mandated by the ABMS as a necessary component of maintenance of certification. Awarding 8 Category-1 CME credits for Self Assessment.

You will be required to complete the pre-test (online prior to conference or written test at the conference) and attend the conference in order to obtain SAE credit. The answers to the test questions will be addressed during the lectures.

General Information



Location

The Ritz-Carlton, Washington DC
1150 22nd Street, NW
Washington, DC 20037
Phone: 202.835.0500

Hotel Accommodations

A block of rooms has been reserved at The Ritz-Carlton, Washington DC. To make your reservation, contact the hotel directly at 1.800.241.3333 and mention the “Cleveland Clinic Neurological Update” to receive the special rate of \$235 per night plus tax. You may also make your reservation online at www.ritzcarlton.com using code cclccla. To secure the course rate, you must make your reservation by Wednesday, July 9, 2014.

The Ritz-Carlton is:

- 40 minutes east of Dulles International Airport
- 10 minutes (4.2 miles) north of Ronald Reagan Washington National Airport
- 10 minutes from the White House, the Smithsonian museums and many other historic sites

Parking

Discounted parking is available at The Ritz-Carlton, Washington DC for a special course rate of \$38.00 for overnight valet and \$29.00 for day valet parking (up to 12 hours). A self-parking garage is also available at the hotel and rates vary.

Information

For further information about this activity, contact Brigid Ring at
Phone: 216.445.0754 or 800.223.2273 x50754
Email: ringb@ccf.org

Registration and Cancellation

Register at www.ccfme.org/NeuroUpdate14. Registration deadline is **5:00 pm (EST), Wednesday, July 30, 2014**. A request for a refund must be received in writing by July 16, 2014. No refunds will be given after July 16. A \$50 cancellation fee will be deducted from the refund for all cancellations.

If you register by mail, please allow up to three weeks for your registration to be processed.

For questions about registration call 216.448.0777 or email cmeregistration@ccf.org.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 19.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Monet Smith at 216.444.9380 or smithm8@ccf.org at least two weeks prior to the activity.

Registration Form

Course 02010213 • Office Use Only

Fee_____ Date_____

M.O.P._____ CXL/Fee_____

2014 Neurology Update – A Comprehensive Review for the Clinician

August 1-3, 2014

The Ritz-Carlton, Washington DC

PLEASE PRINT

First Name MI Last Name Degree

Company

Address

City State Zip

Phone Fax

Specialty E-Mail

Payment must be received prior to admittance to the course. Purchase orders are not accepted.

Go to: www.ccfcmc.org/NeuroUpdate14

CCF employees should check fees and register online at the above web address.

COURSE FEES

Includes syllabus, continental breakfast, refreshment breaks and two luncheons

- | | |
|---|----------|
| ☐ Physician | \$495.00 |
| ☐ Active Duty Military | \$395.00 |
| ☐ Resident*/Fellow* | \$395.00 |
| ☐ Cleveland Clinic Alumnus | \$445.00 |
| ☐ Nurse/Physician Assistant | \$395.00 |
| ☐ Allied Health Professional/Other | \$395.00 |

*Letter from Program Director or Chairman must be received in our office prior to the course to receive this fee.

☐ I require a vegetarian lunch

☐ I will participate in SAE. The pre-test information will be sent to the email provided when registering.

Total amount enclosed or to be charged: \$_____

PAYMENT

Make check payable and mail to:

The Cleveland Clinic Educational Foundation, P.O. Box 931653, Cleveland, OH 44193-1082

If you would like to register using a credit card, please go to www.ccfcmc.org/NeuroUpdate14 or call 216.448.0777 where it will be handled directly by a certified processor.

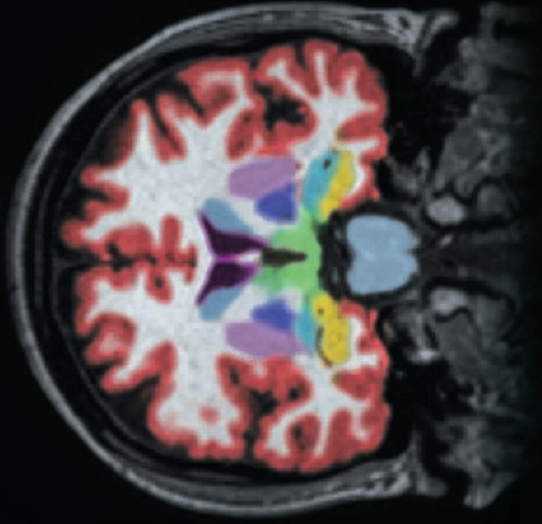


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Cleveland, OH 44195