About the Course

For the second year, we are excited to bring you an update in neurology focused on common, timely and important issues in neurological diseases and their management. We have reviewed comments from last year’s successful course and tried to modify and refine this year’s course to reflect your input. Neurology continues to be a dynamic and expanding area of therapeutic and conceptual advances, which can be challenging, stimulating, and rewarding to the practitioner.

We will continue to provide a time-efficient, entertaining, and primarily case-based course, which emphasizes office neurology while attending to core areas of acute care management. Stroke, dementia, demyelinating disease, epilepsy, sleep disorders, movement disorders and headaches constitute a large part of office neurology and primary care activities and will be prominently reviewed throughout the course. We will update approaches to dizziness, syncope, and statin myopathy, reflecting the fact that these issues present to the neurologist, internist and family physician.

We will again use the audience response system (ARS) format to encourage your active participation. In addition, for the first time we will be adding a self-assessment (SA) component with case-based questions and answers supported by appropriate reference materials. Many boards are moving to SAs as part of the maintenance of certification process and we anticipate this will be a key component of CME activities for years to come. We look forward to working with you during this course and having the chance to learn from your experiences.

Jinny Tavee, MD  
Alex Rae-Grant, MD  
Course Co-Director  
Course Co-Director

Target Audience

This course is directed to 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:

- Discuss newest advances in diagnosis and treatment of common neurology disease including acute stroke, Alzheimer’s disease, multiple sclerosis, epilepsy, and Parkinson’s disease
- Identify variants of dementia which are separable from Alzheimer’s disease and which have unique pathological and clinical expressions
- Recognize clinical phenomenology of various movement disorders, sleep disorders, and other common neurological conditions
- Manage seizures in the general and special populations
- Have an organized approach to the patient with dizziness or syncope
Faculty

Cleveland Clinic Course Co-Directors

Jinny Tavee, MD  
Assistant Professor  
Cleveland Clinic Lerner College of Medicine  
Neuromuscular Center  
Neurological Institute

Alex Rae-Grant, MD  
Clinical Associate Professor  
Cleveland Clinic Lerner College of Medicine  
Mellen Center for Multiple Sclerosis  
Treatment and Research  
Neurological Institute

Cleveland Clinic Faculty

Jeffrey Cummings, MD  
Director, Cleveland Clinic Lou Ruvo Center for Brain Health  
Neurological Institute  
Las Vegas, NV

Hubert H. Fernandez, MD  
Head, Movement Disorders Program  
Center for Neurological Restoration  
Neurological Institute

Nancy Foldvary-Schaefer, DO  
Associate Professor  
Cleveland Clinic Lerner College of Medicine  
Director, Sleep Disorders Center  
Adult Epilepsy Center  
Neurological Institute

Jim Gebel, MD  
Associate Professor  
Cleveland Clinic Lerner College of Medicine  
Head, Enterprise Stroke System Operations  
Cerebrovascular Center  
Neurological Institute

Stephen E. Jones, MD, PhD  
Assistant Professor  
Cleveland Clinic Lerner College of Medicine  
Staff, Division of Neuroradiology  
Imaging Institute

Gregory Kosmorsky, DO  
Staff, Ophthalmology  
Cole Eye Institute

Jennifer S. Kriegler, MD  
Associate Professor  
Cleveland Clinic Lerner College of Medicine  
Neurological Center for Pain  
Neurological Institute

Carlos L. Rodriguez, MD  
Program Director, Sleep Medicine Fellowship  
Neurological Institute

Richard Rudick, MD  
Professor  
Cleveland Clinic Lerner College of Medicine  
Vice Chair, Research & Development  
Director, 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

Norman So, MD  
Associate Professor  
Cleveland Clinic Lerner College of Medicine  
Epilepsy Center  
Neurological Institute

Patrick Sweeney, MD  
Associate Clinical Professor  
Case Western Reserve School of Medicine  
Staff, Neurology  
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
Friday, August 5, 2011
7:00 am  Registration/Continental Breakfast/Exhibits
          Salon I-II Prefunction

5 minutes for Q & A is included in each presentation

8:05 am  Introduction
          Alex Rae-Grant, Jinny Tavee

8:15 am  Acute Stroke Update
          Jim Gebel

9:00 am  TIA: New Definition, Management, and Prevention
          Jim Gebel

9:45 am  Refreshment Break & Exhibits

10:00 am Alzheimer’s Disease: Present and Future
        Jeffrey Cummings

10:45 am Dementia: The Rest of the Story
        Jeffrey Cummings

11:15 am Update on Statin Myopathy
        Jinny Tavee

12:00 pm Lunch with Neurology Pearls Case Discussions

1:00 pm  MS, NMO, ADEM: Overview of Demyelination
        Alex Rae-Grant

1:45 pm  Treatment of MS: Present and Future
        Richard Rudick

2:30 pm  Refreshment Break & Exhibits

2:45 pm  Neuroradiology Pearls
        Stephen E. Jones

3:30 pm  Adjourn

Saturday, August 6, 2011

5 minutes for Q & A is included in each presentation

7:30 am  Registration/Continental Breakfast/Exhibits
          Salon I-II Prefunction

8:00 am  Unusual Sleep Disorders
          Carlos L. Rodriguez

8:45 am  Advances in Sleep Medicine
          Nancy Foldvary-Schaefer

9:15 am  Refreshment Break & Exhibits

9:30 am  The Dizzy Patient
          Judith White
Saturday, August 6, 2011  (continued)
10:15 am  Management of Epilepsy
Norman So
11:00 am  Epilepsy in Women
Nancy Foldvary-Schaefer
11:45 am  Lunch and Neurology Pearls Case Discussions
1:00 pm  Can't Miss Movement Disorders
Hubert H. Fernandez
1:45 pm  Treating the Newly Diagnosed Parkinson Disease Patient in 2011
Patrick Sweeney
2:30 pm  Refreshment Break & Exhibits
2:45 pm  Office Neurology 101: Top 10 Spot CNS Diagnoses
Alex Rae-Grant
3:30 pm  Adjourn

Sunday, August 7, 2011
5 minutes for Q & A is included in each presentation
7:30 am  Registration/Continental Breakfast/Exhibits
Salon I-II Prefunction
8:15 am  Neuro-ophthalmologic Emergencies
Gregory Kosmorsky
9:00 am  Diagnosis and Management of Syncope
Robert W. Shields, Jr.
9:45 am  Refreshment Break & Exhibits
10:00 am  Menstrual Migraine
Jennifer S. Kriegler
10:45 am  “Now What Do I Do?” Difficult Decisions in Headache Management
Jennifer S. Kriegler
11:15 am  Mind-body Therapies and the Brain
Jinny Tavee
11:45 am  Question & Answer/Evaluation
12:00 pm  Adjourn

Self Assessment Examination
The American Board of Psychiatry and Neurology has reviewed the 2011 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.
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 $209 per night plus tax. You may also make your reservation online at www.ritzcarlton.com using code cclccula. To secure the course rate, you must make your reservation by Monday, July 11, 2011.

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 for overnight valet and $22 for Self-Parking.

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.ccfcme.org/NeuroUpdate11. Registration deadline is 5:00 pm (EST), Monday, August 1, 2011. A request for a refund must be received in writing by July 15, 2011. No refunds will be given after July 15, but registration is transferable for this course only through August 7, 2011. 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 educational activity for a maximum of 17.5 AMA PRA Category 1 Credits™. Physicians should only claim 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 Council on Continuing Medical Education 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 Brigid Ring at 216-445-0754 or ringb@ccf.org at least two weeks prior to the activity.
# Registration Form

## 2011 Neurology Update –
A Comprehensive Review for the Clinician

August 5-7, 2011
The Ritz-Carlton, Washington DC

**PLEASE PRINT**

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

Go to: [www.ccfcme.org/NeuroUpdate11](http://www.ccfcme.org/NeuroUpdate11)

Once you register online, please do not mail or fax in a registration form.

### 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 $450.00
- [ ] Comprecare Affiliate Member ID#________________ $321.75
- [ ] 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

**Total amount enclosed or to be charged:** $_____________________

### PAYMENT
Make check payable to: The Cleveland Clinic Educational Foundation
or charge the following account: [ ] Visa [ ] MasterCard [ ] American Express [ ] Discover

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Signature (not valid without signature) 4 Digit V-Code, on back of card

If you are unable to register online, FAX your registration to 216-448-0783.
If paying by check, registration should be payable and MAILED to:

The Cleveland Clinic Educational Foundation
P.O. Box 931653 • Cleveland, OH 44193-1082
2011 Neurology Update – A Comprehensive Review for the Clinician
Featuring Self-Assessment Examination

August 5-7, 2011
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The Cleveland Clinic
Neurological Institute
9500 Euclid Ave., S40
Cleveland, OH 44195