Neurology in Clinical Practice

July 19-21, 2012

InterContinental Chicago • Chicago, Illinios

Course Director
Neeraj Kumar, M.D.

New for 2012: ABPN reviewed and approved as part of a CME and comprehensive Self Assessment program.

REGISTER ONLINE NOW! http://www.mayo.edu/cme
COURSE DESCRIPTION
Neurology in Clinical Practice is a comprehensive course directed at practitioners who see patients with a broad range of neurologic disorders. The course is intended to provide a review of Neurology with an emphasis on case-based presentations, recent advances, and evidence-based approaches.

COURSE LEARNING OBJECTIVES
Upon conclusion of this program, participants should be able to:

• Diagnose and manage common neurologic disorders.
• Manage patients with acute stroke and be aware of secondary prevention options.
• Differentiate various types of seizures and develop an approach to seizure management.
• Recognize and treat neurologic infections.
• Develop a practical approach to the management of the dizzy patient.
• Recognize and treat various headache types.
• Formulate an approach to the diagnosis and management of various disorders of the peripheral nervous system.
• Recognize and treat various forms of dementias and Parkinson disease.
• Evaluate and treat patients with multiple sclerosis and recognize its mimickers.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

INTENDED AUDIENCE
This course is designed for physicians who see patients with neurologic disease such as neurologists, psychiatrists, primary care physicians including internists and family care practitioners, and allied health personnel including nurse practitioners, physician assistants and nurses.

CREDIT
College of Medicine, Mayo Clinic, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic, designates this live activity for a maximum of 20.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Psychiatry & Neurology
The American Board of Psychiatry and Neurology has reviewed the “Neurology in Clinical Practice” program, July 19-21, 2012, (awarding 20.25 AMA PRA Category 1 Credits™, and Self Assessment 2.0 AMA PRA Category 1 Credits™) 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.

American Academy of Family Physicians
This live activity, Neurology in Clinical Practice, with a beginning date of 07/19/12, has been reviewed and is acceptable for up to 20.25 Prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

GRANTS AND EXHIBITS
At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.
DATE AND LOCATION
Neurology in Clinical Practice is July 19-21, 2012. Course headquarters will be located in the Seville Ballroom at the InterContinental Chicago, 505 North Michigan Avenue, Chicago, Illinois.

REGISTRATION
To register online, visit http://www.mayo.edu/cme/neurology-and-neurologic-surgery-2012r371, or complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfast, lunch, and break refreshments. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

For additional information, contact: Mayo School of Continuous Professional Development Plummer 2-60 200 First Street SW Rochester, MN 55905 Website: www.mayo.edu/cme E-mail: cme@mayo.edu Phone: 800-323-2688 or 507-284-2509 Fax: 507-284-0532

CANCELLATION POLICY
If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CPD before July 5, 2012 (cme@mayo.edu or fax#: 507-284-0532). No refunds will be made on or after (July 5, 2012). Canceled registrations are non-transferable.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

LODGING ACCOMMODATIONS
Guest rooms have been reserved for attendees and their guests with special course rates at the InterContinental Chicago hotel. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of June 26, 2012, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the Mayo Clinic Neurology in Clinical Practice course when making your reservation.

Reservations: 800-628-2112 or 312-944-4100
Main Building, General-block, single/double/triple/quad: $229
Historic Tower, Based on Availability: $249
Hotel room rates are subject to applicable state and local taxes in effect at the time of check-in.
Parking is the responsibility of the individual registrant. The parking rate per night is $53.
Travel and lodging arrangements are the sole responsibility of the individual registrant.
Mayo School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the
registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

FACULTY

Course Director
Neeraj Kumar, M.D.

Mayo Clinic Faculty
J. Eric Ahlskog, Ph.D., M.D.
Allen J. Aksamit, Jr., M.D.
Christopher J. Boes, M.D.
Paul W. Brazis, M.D.
Robert D. Brown, Jr., M.D.
Brian A. Crum, M.D.
Elliot L. Dimberg, M.D.
Scott D. Eggers, M.D.
B. Mark Keegan, M.D.
Neeraj Kumar, M.D.
Ruple S. Laughlin, M.D.
Claudia F. Lucchinetti, M.D.
Katherine H. Noe, M.D., Ph.D.
Ronald C. Petersen, M.D., Ph.D.
Sean J. Pittock, M.D.
Alyx B. Porter, M.D.
Alejandro A. Rabinstein, M.D.
Carrie (Beth) E. Robertson, M.D.
Devon I. Rubin, M.D.
Wolfgang Singer, M.D.
Joseph I. Sirven, M.D.
Eric J. Sorensen, M.D.
Erik K. St. Louis, M.D.
William Tatum, D.O.
Ryan J. Uitti, M.D.
James C. Watson, M.D.
Brian G. Weinshenker, M.D.
Dean M. Wingerchuk, M.D.
Bryan K. Woodruff, M.D.

FACULTY DISCLOSURE
As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

PROGRAM SCHEDULE
Thursday, July 19, 2012

7:00 a.m. Course Registration & Continental Breakfast
Seville Ballroom Foyer

7:30 a.m. Cerebrovascular Disease
Moderator: Robert D. Brown, Jr., M.D.

7:30 a.m. Intracranial Aneurysms and AVMs
Robert D. Brown, Jr., M.D.

8:00 a.m. Acute Stroke Management
Alejandro A. Rabinstein, M.D.

8:30 a.m. Secondary Stroke Prevention
Robert D. Brown, Jr., M.D.

9:00 a.m. Question and Answer
9:15 a.m. Break
9:30 a.m. Epilepsy
Moderator: Joseph I. Sirven, M.D.
9:30 a.m.  Diagnosis and Differential Diagnosis of Seizures and Other Spells
William Tatum, D.O.

10:00 a.m.  Epilepsy Treatment: When to Start, When to Stop, What to Use, When to Operate
Joseph I. Sirven, M.D.

10:30 a.m.  Epilepsy: Considerations in Select Populations
Katherine H. Noe, M.D., Ph.D.

11:00 a.m.  Question and Answer

11:15 a.m.  Electrodiagnostic Neurology: Basic Principles for the Practicing Clinician
Ruple S. Laughlin, M.D.

11:45 a.m.  Autonomic Neurology: Principles, Laboratory Diagnosis, and Clinical Applications
Wolfgang Singer, M.D.

12:15 p.m.  Lunch

1:15 p.m.  Headache
Moderator: Christopher J. Boes, M.D.

1:15 p.m.  Headaches: Diagnosis, Differential Diagnosis, Red Flags
Carrie (Beth) E. Robertson, M.D.

2:00 p.m.  Headaches: Therapy
Christopher J. Boes, M.D.

2:45 p.m.  Question and Answer

3:00 p.m.  Break

3:15 p.m.  Neuro-Infections and Non-MS Inflammatory Disease
Moderator: Allen J. Aksamit, Jr., M.D.

3:15 p.m.  CNS Infections: Bacterial, Fungal, Spirochaetal
Allen J. Aksamit, Jr., M.D.

3:45 p.m.  CNS Infections: Viral, Prion, Mycobacterial
Allen J. Aksamit, Jr., M.D.

4:15 p.m.  Differential Diagnosis of Inflammatory Demyelinating Disease: Multiple Sclerosis Mimickers
Claudia F. Lucchinetti, M.D.

4:45 p.m.  Question and Answer

5:00 p.m.  Day Adjourns

Friday, July 20, 2012

7:00 a.m.  Continental Breakfast

7:30 a.m.  Movement Disorders
Moderator: J. Eric Ahlskog, Ph.D., M.D.

7:30 a.m.  Parkinson Disease and its Mimics: Diagnosis and Differential Diagnosis
Ryan J. Uitti, M.D.

8:15 a.m.  Treatment of Parkinson Disease: Early and Late, Motor and Non-motor, Medical and Surgical
J. Eric Ahlskog, Ph.D., M.D.

9:00 a.m.  Question and Answer

9:15 a.m.  Break

9:30 a.m.  Demyelinating Diseases
Moderator: Brian G. Weinshenker, M.D.

9:30 a.m.  Multiple Sclerosis: Clinical Forms, Diagnosis, and Natural History
Brian G. Weinshenker, M.D.

10:00 a.m.  Multiple Sclerosis: Treatment of Acute Attacks and Prevention of Relapses
B. Mark Keegan, M.D.
Beyond MS: Diagnosis and Management of Inflammatory Myelitis
Dean M. Wingerchuk, M.D.

Spine
Neeraj Kumar, M.D.

Cord
Neeraj Kumar, M.D.

Behavioral Neurology
Moderator: Ronald C. Petersen, M.D., Ph.D.

Mild Cognitive Impairment and Alzheimer Disease
Ronald C. Petersen, M.D., Ph.D.

Non-Alzheimer Dementias, Including Rapidly Progressive Dementias and Dementia in the Young
Bryan K. Woodruff, M.D.

Neuro-otology, Neuro-Ophthalmology, Neuro-Oncology
Moderator: Paul W. Brazis, M.D.

Diagnosis and Management of the Dizzy Patient
Scott D. Eggers, M.D.

Neuro-Ophthalmology: Pearls
Paul W. Brazis, M.D.

Neuro-Oncology: Commonly Encountered Issues in Clinical Practice
Alyx B. Porter, M.D.

Saturday, July 21, 2012

7:00 a.m. Continental Breakfast

7:30 a.m. Neuromuscular Disease
Moderator: Eric J. Sorenson, M.D.

7:30 a.m. Motor Neuron Disease and its Mimickers
Eric J. Sorenson, M.D.

8:00 a.m. Diseases of the Nerve Roots and Plexus
James C. Watson, M.D.

8:30 a.m. Peripheral Neuropathies: Evaluation and Treatment
Devon I. Rubin, M.D.

9:00 a.m. Disorders of the Neuromuscular Junction
Brian A. Crum, M.D.

9:30 a.m. Muscle Diseases: Common Diagnoses and Management
Elliot L. Dimberg, M.D.

10:00 a.m. Question and Answer

10:15 a.m. Break

10:30 a.m. Sleep Neurology: A Case Based Clinical Overview and Update
Erik K. St. Louis, M.D.

11:15 a.m. Autoimmune and Paraneoplastic Neurology: An Overview and Update
Sean J. Pittock, M.D.

12:00 p.m. Course Adjourns
# Neurology in Clinical Practice

**July 19-21, 2012 • InterContinental Chicago • Chicago, Illinois**

**Mail form and payment to:**
Mayo School of Continuing Medical Education  
Plummer 2-60  
200 First Street SW  
Rochester, MN 55905  
Phone 800-323-2688 or 507-284-2509  
FAX 507-284-0532  
E-mail cme@mayo.edu  
Web site www.mayo.edu/cme

Registration on-line at http://www.mayo.edu/cme/neurology-and-neurologic-surgery-2012r371

## Contact Information

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<th>Degree – select all that apply</th>
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**If you have special assistance needs or dietary restrictions, describe here:**

## Registration/Credit

**Type of credit you are interested in receiving:**  
□ AMA/Category 1  
□ AAFP

**Registration Fee:**  
- Physicians/Scientists - $700  
- Residents, Physician Assistants and Nurse Practitioners - $600

**Register on or after 6/1/2012**  
- Physicians/Scientists - $775  
- Residents, Physician Assistants and Nurse Practitioners - $675

**Total Payment Enclosed**  
$ ___

## Payment Information

□ Check is enclosed in the amount shown at right – make checks payable to Mayo Clinic

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Name of Cardholder - as it appears on the card  
Signature of Cardholder - required  

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REGISTER ONLINE NOW!
http://www.mayo.edu/cme