

Mayo School of Continuing Medical Education

Mayo Clinic

Neurology in Clinical Practice



InterContinental Hotel Chicago, IL

Course Director *Neeraj Kumar, M.D.*

COURSE DESCRIPTION

Mayo Clinic Neurology in Clinical Practice will be a comprehensive two and a half day 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 HIGHLIGHTS

- Comprehensive review of the diagnosis and management of neurologic diseases commonly encountered in clinical practice
- Case-based presentations
- Evidence-based management
- Recent advances
- Question and Answer sessions

REGISTER NOW

COURSE DESCRIPTION

To provide attendees with a comprehensive, evidence-based review of the evaluation and treatment of commonly encountered neurological problems.

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 educational activity for a maximum of 20.5 *AMA PRA Category 1 Credits*TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

OTHER CREDIT

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

Determination of credit is pending.

EDUCATIONAL GRANTS

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 will be held July 16-18, 2009 at the InterContinental Hotel, 505 North Michigan Avenue, Chicago IL.

REGISTRATION

To register online, visit http://www.mayo. edu/cme/neurology-neurologic-surgery. html#2009R281 or complete the attached registration form and return by mail or fax. The registration fee includes tuition, course syllabus, continental breakfast, break refreshments, and two lunches. Although it is not Mayo School of CME 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.

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 CME before July 1, 2009 (fax#: 507-284-0532). No refunds will be made after July 1, 2009.

Mayo School of CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone this course, Mayo School of CME 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.

TRAVEL

Chicago's **O'Hare International Airport** offers more connections to more cities, more often than any other airport in the world. It is located 17 miles northwest of downtown Chicago. **Midway Airport**, smaller than O'Hare but used by an increasing number of domestic airlines, is 11 miles southwest of downtown. Trains, taxis, express bus and van service, as well as rental cars are available at each airport.

GO Airport Shuttle offers daily shuttle service from O'Hare International Airport (ORD), Midway Airport (MOW), and downtown Chicago. Reservations are not required for transportations to downtown. However, reservations are recommended 24 hours in advance for transportation from downtown to the airport. Contact GO Airport Shuttle reservations at 877--544-4646

or www.goairportshuttle.com

Travel arrangements are the sole responsibility of the individual registrant.

LODGING ACCOMMODATIONS

Guest rooms have been reserved for attendees and their guests with special course rates at the InterContinental. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of Wednesday, June 10, 2009, whichever comes first. To make reservations at InterContinental, call (800) 628-2112 or (312) 944-4100 and identify yourself as a participant of the Mayo Clinic, Neurology in Clinical Practice Course in order to receive your special group rates. The conference rate will be honored three (3) days before/ after the official meeting dates based upon discount room availability at the time the reservation is made.

Room Rates:

\$239 single/double

Hotel room rates are subject to applicable state and local taxes in effect at the time of check-in.

Lodging arrangements are the sole responsibility of the individual registrant.

FACULTY

Course Director

Neeraj Kumar, M.D.

Mayo Clinic Faculty

Charles H. Adler, M.D., Ph.D. Allen J. Aksamit, Jr., M.D.

J.D. Bartleson, M.D.

Christopher J. Boes, M.D.

Paul W. Brazis, M.D.

Robert D. Brown, Jr., M.D.

Jonathan L. Carter, M.D.

Gregory D. Cascino, M.D.

Richard J. Caselli, M.D.

Brian A. Crum, M.D.

Elliot L. Dimberg, M.D.

Scott D. Eggers, M.D.

Robert D. Fealey, M.D.

Brent Goodman, M.D.

Julie E. Hammack, M.D.

C. Michel Harper, M.D.

B. Mark Keegan, M.D.

Claudia F. Lucchinetti, M.D.

Bahram Mokri, M.D.

Ronald C. Petersen, M.D., Ph.D.

Sean J. Pittock, M.D.

Alejandro A. Rabinstein, M.D.

Jerry J. Shih, M.D.

Michael H. Silber, M.B.Ch.B.

Joseph I. Sirven, M.D.

Eric J. Sorenson, M.D.

Jerry W. Swanson, M.D.

Ryan J. Uitti, M.D.

James C. Watson, M.D.

Dean M. Wingerchuk, M.D.

FACULTY DISCLOSURE

As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CME) must ensure balance,

independence, objectivity and scientific rigor in its educational activities. Course director, 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 THURSDAY, JULY 16, 2009

7:00 a.m. **Continental Breakfast** 7:30 a.m. Cerebrovascular Disease

Moderator:

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

Secondary Stroke Prevention: How to Select the

Best Antithrombotic Agents and Optimize Risk Factor Control

Robert D. Brown, Jr., M.D. 8:00 a.m. Acute Stroke Management

Alejandro A. Rabinstein, M.D. Commonly Asked Questions in 8:30 a.m.

the Evaluation and

Management of Unruptured

Intracranial

Saccular Aneurysms

and AVMs

Robert D. Brown, Jr., M.D.

9:00 a.m. **Ouestion & Answer**

9:15 a.m. **Break** 9:30 a.m. **Epilepsy**

Moderator: Joseph I. Sirven, M.D.

9:30 a.m. Fits and Faints: Diagnosis of

> Seizures and Spells Jerry J. Shih, M.D.

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 Gregory D. Cascino, M.D.

11:00 a.m. Question & Answer

Autoimmune and Paraneoplastic Neurology:

An Overview

Sean J. Pittock, M.D.

11:45 a.m. **Electrodiagnostic Neurology:**

Basic Principles for the Practicing Clinician

Eric J. Sorenson, M.D.

12:15 p.m. Lunch

11:15 a.m.

Neuro-Otology, 1:15 p.m.

Neuro-Ophthalmology,

Neuro-Oncology

PROGRAM

	Moderator: Paul W. Brazis, M.D.	11:15 a.m.	Autonomic Neurology:
1:15 p.m.	An Approach to the Diagnosis		Principles, Laboratory
	and Management of the		Diagnosis, and Clinical
	Dizzy Patient		Considerations
	Scott D. Eggers, M.D.		Robert D. Fealey, M.D.
1:45 p.m.	Neuro-Ophthalmology:	12:15 p.m.	Lunch
	Common Diagnoses	1:15 p.m.	Behavioral Neurology
	and Management Dilemmas		Moderator:
	Paul W. Brazis, M.D.		Richard J. Caselli, M.D.
2:15 p.m.	Neuro-Oncology for the	1:15 p.m.	Mild Cognitive Impairment
	Non-Oncologist:		and Alzheimer Disease
	A Case Based Discussion		Ronald C. Petersen, M.D., Ph.D.
	Julie E. Hammack, M.D.	2:00 p.m.	Non-Alzheimer Dementias
2:45 p.m.	Question & Answer		Richard J. Caselli, M.D.
3:00 p.m.	Break	2:45 p.m.	Question & Answer
3:15 p.m.	Neuro-Infections and	3:00 p.m.	Break
	Non-MS Inflammatory	3:15 p.m.	Headache
	Disease		Moderator:
	Moderator:		Jerry W. Swanson, M.D.
	Allen J. Aksamit, Jr., M.D.	3:15 p.m.	Migraine Headaches:
3:15 p.m.	CNS Infections: Bacterial,		Diagnosis and Differential
	Fungal, Spirochaetal		Diagnosis
	Allen J. Aksamit, Jr., M.D.		Jerry W. Swanson, M.D.
3:45 p.m.	CNS Infections:	3:45 p.m.	Headache Therapeutics
	Viral, Prion, Mycobacterial		Christopher J. Boes, M.D.
	Allen J. Aksamit, Jr., M.D.	4:15 p.m.	Low Pressure Headaches:
4:15 p.m.	Differential Diagnosis of		State of the Art
	Inflammatory Demyelinating		Bahram Mokri, M.D.
	Disease: The Multiple Sclerosis	4:45 p.m.	Question & Answer
	Mimickers	5:00 p.m.	Day Adjourns
	Claudia F. Lucchinetti, M.D.	CATUDDAY	HHV 40, 2000
4:45 p.m.	Question & Answer		, JULY 18, 2009
5:00 p.m.	Day Adjourns	7:00 a.m.	Continental Kreaktact
1	Duy majoums		Continental Breakfast
•		7:30 a.m.	Spine, Anterior Horn,
FRIDAY, JU	JLY 17, 2009		Spine, Anterior Horn, Root, Plexus
FRIDAY, JU 7:00 a.m.	ILY 17, 2009 Continental Breakfast	7:30 a.m.	Spine, Anterior Horn, Root, Plexus Moderator: <i>Brian A. Crum, M.D.</i>
FRIDAY, JU	ILY 17, 2009 Continental Breakfast Movement Disorders		Spine, Anterior Horn, Root, Plexus Moderator: <i>Brian A. Crum, M.D.</i> Diseases of the Nerve Roots
FRIDAY, JU 7:00 a.m.	ILY 17, 2009 Continental Breakfast Movement Disorders Moderator:	7:30 a.m.	Spine, Anterior Horn, Root, Plexus Moderator: <i>Brian A. Crum, M.D.</i> Diseases of the Nerve Roots and Plexus
FRIDAY, JU 7:00 a.m. 7:30 a.m.	Continental Breakfast Movement Disorders Moderator: Charles H. Adler, M.D.	7:30 a.m. 7:30 a.m.	Spine, Anterior Horn, Root, Plexus Moderator: Brian A. Crum, M.D. Diseases of the Nerve Roots and Plexus James C. Watson, M.D.
FRIDAY, JU 7:00 a.m.	ILY 17, 2009 Continental Breakfast Movement Disorders Moderator: Charles H. Adler, M.D. Parkinson Disease and its	7:30 a.m.	Spine, Anterior Horn, Root, Plexus Moderator: Brian A. Crum, M.D. Diseases of the Nerve Roots and Plexus James C. Watson, M.D. Motor Neuron Disease
FRIDAY, JU 7:00 a.m. 7:30 a.m.	ILY 17, 2009 Continental Breakfast Movement Disorders Moderator: Charles H. Adler, M.D. Parkinson Disease and its Mimics: Diagnosis and	7:30 a.m. 7:30 a.m.	Spine, Anterior Horn, Root, Plexus Moderator: Brian A. Crum, M.D. Diseases of the Nerve Roots and Plexus James C. Watson, M.D. Motor Neuron Disease and Its Mimickers
FRIDAY, JU 7:00 a.m. 7:30 a.m.	Continental Breakfast Movement Disorders Moderator: Charles H. Adler, M.D. Parkinson Disease and its Mimics: Diagnosis and Differential Diagnosis	7:30 a.m. 7:30 a.m. 8:00 a.m.	Spine, Anterior Horn, Root, Plexus Moderator: Brian A. Crum, M.D. Diseases of the Nerve Roots and Plexus James C. Watson, M.D. Motor Neuron Disease and Its Mimickers Brian A. Crum, M.D.
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FRIDAY, JU 7:00 a.m. 7:30 a.m.	Continental Breakfast Movement Disorders Moderator: Charles H. Adler, M.D. Parkinson Disease and its Mimics: Diagnosis and Differential Diagnosis Ryan J. Uitti, M.D. Treatment of Parkinson	7:30 a.m. 7:30 a.m. 8:00 a.m.	Spine, Anterior Horn, Root, Plexus Moderator: Brian A. Crum, M.D. Diseases of the Nerve Roots and Plexus James C. Watson, M.D. Motor Neuron Disease and Its Mimickers Brian A. Crum, M.D. Spine Disease: An Update J.D. Bartleson, M.D.
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