Course Highlights

• Focus on practical MS management by the multidisciplinary team
• Cutting edge research reviews by leading investigators in MS
• Expert panel discussions and question and answer sessions
• Faculty-led case-based discussions of MS disease management

Friday – Saturday
March 4-5, 2011

Scottsdale Marriott at McDowell Mountains
Scottsdale, Arizona

Mayo School of Continuous Professional Development
College of Medicine    www.mayo.edu
COURSE HIGHLIGHTS
Care of patients diagnosed with multiple sclerosis (MS) has become increasingly complex as new drugs have been approved for MS with limited knowledge of possible long-term adverse effects of these drugs. Patients with MS are being treated now with multiple therapies; and there is limited knowledge of how to assess the effectiveness of these therapies. This course will summarize the current therapies, and offer guidance on how to use them. There is also literature that supports the effectiveness of the MS multidisciplinary team, but a large practice gap in how to implement the multidisciplinary team approach. This course also will provide practical applications of the multidisciplinary team approach.

Multiple Sclerosis 2011: Update and Practical Management Strategies is designed to update the entire multidisciplinary team, including specialists, primary care physicians, nurse practitioners, physician assistants, nurses, occupational therapists and social workers, who have an interest in MS multidisciplinary care. This year’s program format will include a physician track (Friday and Saturday) and an allied health track (Saturday).

Presentations will focus on practical clinical management of MS and MS variants such as neuromyelitis optica, and include the latest research in neuroimaging, MS genetics, and MS pathology and immunology. Case vignettes will illustrate evidence-based, practical approaches to multidisciplinary MS care. There will be ample opportunity for interaction with course faculty.

COURSE LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:
• Discuss the mechanism of action and indications for new oral therapies for multiple sclerosis.
• Discuss the use of dalfampridine to improve ambulatory impairment in multiple sclerosis.
• Discuss appropriate management of common multiple sclerosis symptoms including bladder and bowel symptoms and pain.

DISCLAIMER
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.

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 11 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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

This program has been accredited by the American Osteopathic Association for 11 credits of AOA Category 2-A.

Applications have been submitted for Nursing, Physical Therapist and Social Worker CEU credit approval. Determination of credit is pending.

A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

GRANTS AND EXHIBITS
This course is supported in part by educational grants, in accordance with ACCME standards. As of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the meeting.

Exhibits will be available for viewing at all scheduled breaks.

RECREATION/LEISURE ACTIVITIES
Visit www.visitphoenix.com or www.scottsdalecvb.com for additional recreation and leisure activities.
MEETING LOCATION & ACCOMMODATIONS

Scottsdale Marriott at McDowell Mountains
16770 North Perimeter Drive
Scottsdale, Arizona 85260
Telephone: (800) 288-6127 or (480) 502-3836
Website: www.scottsdalemarriott.com

Set amid the calming beauty of the desert and a serene blend of Southwestern culture, the Scottsdale Marriott at McDowell Mountains is a resort setting with the convenience and amenities of an all-suite luxury hotel. If it is a breath-taking view you’re after, you won’t have to venture too far. The Marriott offers spectacular views of Camelback, Piestewa Peak and the McDowell Mountains right outside the front door. Plus, the Marriott is ideally situated between some of the finest restaurants and upscale shopping in the North Scottsdale/Carefree area. For more information, visit the hotel’s web site at www.scottsdalemarriott.com.

The Scottsdale Marriott at McDowell Mountains has reserved a block of one bedroom suites at a special group rate of $179 (USD), single/double/triple/quad occupancy, plus taxes, per night, for course participants and guests. There is no additional charge for children under the age of 18. Group rates will apply three (3) days prior to and three (3) days following the course dates, based on availability. Complimentary high speed internet will be provided to all Mayo Clinic guests.

To ensure accommodations at the group rate, make your reservation before February 10, 2011. Reservation requests received after February 10 will be on a space-available basis at the contracted group rate.

To make your reservation, call (800) 288-6127 or (480) 502-3836. Identify yourself as a participant of the “Mayo Clinic MS 2011” course to receive the group rate.

Check-in time is 4:00 p.m. and check-out time is noon. Attendees are responsible for their own reservations. The standard hotel individual reservation cancellation policy will apply to individual reservations, unless otherwise specified.

GROUND TRANSPORTATION

Hertz is offering a reduced daily rate to participants attending the course. Call (800) 654-2240 and refer to CV Number #03NR0006 when making reservations.

SuperShuttle vans offer airport transportation to and from the hotel. To make reservations, call (800) 258-3826 or (602) 244-9000, or visit its website, www.supershuttle.com.

PROGRAM

General Information

Friday March 4, 2011

Noon  Registration
1:00 p.m.  Welcome & Introductions
1:15  KEYNOTE LECTURE
      Radiographically Isolated Syndrome and Benign MS
      Darin T. Okuda, M.D.
2:00  What MS Pathology Tells us about MS Disease Course and Therapy
      Claudia F. Lucchinetti, M.D.
2:45  MRI Update and CCSVI
      Istvan Pirko, M.D.
3:30  Question and Answer Session with Faculty
4:00  Refreshment Break
4:15  Differential Diagnosis of MS and Non-MS White Matter Diseases
      Ralitza H. Gavrilova, M.D. and Jonathan L. Carter, M.D.
5:00  MS Case Discussions (Vignettes and Audience Participation)
6:00  Adjourn
7:00 a.m. Registration and Continental Breakfast
8:00 Welcome and Introductions
8:15 KEYNOTE LECTURE
Vitamin D, Epstein-Barr Virus, and MS Susceptibility
Alberto Ascherio, M.D., Dr.P.H.
9:00 Update on Natalizumab Therapy and PML
Orhun H. Kantarci, M.D.
9:30 New and Emerging MS Disease-Modifying Therapies
B. Mark Keegan, M.D.
10:15 Refreshment Break
10:45 Beyond MS: Autoimmune Neurological Disorders
Sean J. Pittock, M.D.
11:15 Update on Neuromyelitis Optica
Brian G. Weinshenker, M.D.
11:45 Question and Answer Session with Faculty
Noon Lunch
1:00 p.m. MS Symptomatic Therapies
Elizabeth A. Shuster, M.D.
1:45 Remyelinating and Repair Strategies
Moses Rodriguez, M.D.
2:30 Question and Answer Session with Faculty
3:00 Refreshment Break
3:15 Multidisciplinary MS Panel
Emily Cade, M.S., C.R.C., C.C.M., C.L.C.P., Jonathan L. Carter, M.D., Marcia Finlayson, Ph.D., O.T. (C.), O.T.R./L., Barry A. Hendin, M.D., Rosalind C. Kalb, Ph.D., and Dean Wingerchuk, M.D.
4:15 Closing Comments
4:30 Adjourn
## COURSE DIRECTORS

Jonathan L. Carter, M.D.  
Associate Professor of Neurology  
College of Medicine, Mayo Clinic  

Dean M. Wingerchuk, M.D.  
Professor of Neurology  
College of Medicine, Mayo Clinic  

## GUEST FACULTY

Alberto Ascherio, M.D., Dr.P.H.  
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Associate Professor of Medicine  
Harvard School of Public Health  
Harvard Medical School  
Boston, Massachusetts  

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Clinical Professor of Neurology  
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Phoenix Neurological Associates  
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Case Manager  
Andrew C. Carlos Multiple Sclerosis Institute at Shepherd Center  
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Vice President, Professional Resource Center  
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Marcia Finlayson, Ph.D., O.T. (C.), O.T.R./L.  
Professor and Director of Graduate Studies (OTD Program)  
Department of Occupational Therapy  
University of Illinois  
Chicago, Illinois  

Darlin T. Okuda, M.D.  
Director, Neuroimmunology Program  
Barrow Neurological Institute  
Phoenix, Arizona  

## MAYO CLINIC FACULTY

Ralitza H. Gavrilova, M.D.  
Instructor in Medical Genetics and Neurology  

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Associate Professor of Neurology  

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Assistant Professor of Neurology  

Moses Rodriguez, M.D.  
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B. Mark Keegan, M.D.  
Assistant Professor of Neurology  

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Assistant Professor of Neurology  

Claudia F. Lucchinetti, M.D.  
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Associate Professor of Neurology  

## 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.
Registration at the standard fee may be completed using this form and faxing it to (480) 301-8323. Or you can mail it to: Mayo Clinic, Mayo School of CPD, 13400 East Shea Boulevard, Scottsdale, Arizona 85259. An e-mail confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have any questions, please e-mail us at mca.cme@mayo.edu or call (480) 301-4580.

No refund will be granted unless a written notice of cancellation is received. If registration must be canceled, tuition less a $75 administrative fee, will be refunded when notification is received on or before February 17, 2011. No refunds will be made after this date.

Although it is not Mayo Clinic’s policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is strongly recommended. Walk-in registrations cannot be guaranteed.

Mayo Clinic will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline/hotel fees or penalties are the responsibility of the registrant.

ON-LINE SYLLABUS: Your registration fee includes access to an detailed on-line syllabus, e-mailed one week prior to the course. This allows you to view, save, or print the syllabus before attending the course. If you want to order a paper copy (additional fee), check the box at the bottom of this registration form.

Your type of practice: ☐ Solo ☐ Group ☐ University ☐ Resident/Fellow ☐ Retired ☐ Other: ________
Years in practice: ☐ 0-4 ☐ 5-10 ☐ 11-15 ☐ 16-25 ☐ > 25

Course Registrant List (Check only if you want your name removed)
☐ I do not want information (ie, name, degree, city, and state) to appear on the course registrants’ list.

REGISTRATION FEE
☐ Physicians Active in Practice $474
☐ Residents and Retired Physicians $300
☐ Allied Health (Saturday only) $175

SYLLABUS
☐ Paper copy of the syllabus $35

(Note: Due to printing deadlines, this option will not be available after February 17, 2011.)

Payment Information
☐ Check is enclosed in the amount shown at right – make checks payable to Mayo Clinic CPD
☐ Discover ☐ MC ☐ Visa

Card (select one) Account Number Exp. Date (mm/yy)

Signature Date

$75 DISCOUNT FROM STANDARD FEE FOR ON-LINE REGISTRATION!
Go to www.mayo.edu/cme (offer expires 02/11/2011)

Note: When registering on-line, please be sure to “check-out” after your profile is completed/updated.