Mayo School of Continuous Professional Development

Neurology in Clinical Practice 2013

Featuring an ABPN-Approved MOC Self-Assessment Activity

Bacara Resort and Spa
Santa Barbara, California
Thursday – Sunday
July 11-14, 2013

WHAT MAKES THIS COURSE STANDOUT

• Case-based Presentations
• Interactive Format
  › Panel Discussions and Audience Response System
• Afternoon Breakout Sessions
  › Incorporating Tele-neurology
  › Concussion and Mild Traumatic Brain Injuries

See course program for details

SAVE $200 when you register for both the Headache Symposium (May 3-5, 2013) and Neurology in Clinical Practice
www.mayo.edu/cme/neurology-and-neurologic-surgery

See registration section for details.
COURSE HIGHLIGHTS
Neurology in Clinical Practice is an annual Mayo Neurology course that brings together a multidisciplinary faculty from Rochester, Minnesota, Jacksonville, Florida and Scottsdale, Arizona. The course, consisting of general session presentations and afternoon workshops, will serve as a primer of common neurological clinical problems and is intended to provide a comprehensive, evidence-based review and recent advances in the evaluation, diagnosis, treatment and management of neurological disorders.

COURSE LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:
• Recognize the latest guidelines for management of common neurological disorders.
• Determine best evidence for diagnosis and therapy of the most common neurological disorders.
• Recognize quality and safety issues for various neurological conditions to facilitate practice based learning and systems based practice.
• Compare benefits and risks of different therapies in the treatment of seizures
• Identify different treatment options for patients with spine diseases
• Formulate a plan for patients with spinal cord or brain metastases
• Distinguish and treat different types of neurologic infectious diseases
• Construct an algorithm for evaluating patients with peripheral neuropathy and myopathy
• Compare treatment options for Parkinson’s disease, dystonia, and restless leg syndrome
• Recognize the difference between primary and secondary headache syndromes
• Diagnose and manage common neurologic disorders

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

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.

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.

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

The American Board of Psychiatry and Neurology has reviewed the Neurology in Clinical Practice continuing medical education course, scheduled for July 11-14, 2013 awarding 22.25 AMA PRA Category 1 Credits™ and self assessment 8.0 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.

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 22.25 credits of AOA Category 2-A.

AMERICANS WITH DISABILITIES ACT
College of Medicine, Mayo Clinic fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity. Email address: mca.cme@mayo.edu
MEETING LOCATION & ACCOMMODATIONS
The Bacara Resort
8301 Hollister Avenue • Santa Barbara, CA
(805) 968-0100
Hotel website: www.bacararesort.com
To make reservations: (877) 422-4245

We encourage you to make your hotel accommodations early. A limited block of Village Garden View guest rooms have been reserved for attendees with a special course rate of $299 per night plus 12.14% tax; and $2 per day Tourist Assessment. Rates are based on single, double, triple and quad occupancy. Group rates will apply three days prior to and three days after conference dates based on availability. The resort fee is waived. Access to the fitness center and high-speed internet in guest rooms is included. Housekeeping and bellman gratuities are optional and to be paid at the individual guest’s discretion. Children under 18 stay complimentary.

To receive the special rate, you must make reservations by Saturday, June 15, 2013. Reservations will be taken following this date based upon resort room availability. To guarantee an individual reservation an amount of $598 will be charged by Bacara Resort within three days following the reservation being made. The hotel accepts reservations at (877) 422-4245 (toll-free).

Attendees are responsible for their own reservations. Reservations must be cancelled three or more days prior to arrival date in order to cancel without forfeiting deposit. Check-in time is 4 p.m.; check-out at 1 p.m. Valet parking is $21 per car per night.

ABOUT BACARA RESORT & SPA
Nestled on the bluff and beaches of the Gaviota coast between the Pacific Ocean and Santa Ynez Mountains, Bacara offers relaxed luxury and incomparable natural beauty. The resort features 360 lavish guestrooms and suites, each with a private balcony overlooking breathtaking views of the Pacific Ocean or flower-filled gardens.

At Bacara Resort & Spa, a fun-in-the-sun lifestyle is an everyday way of life. Bacara boasts three zero-edge saline swimming pools, four tennis courts, 78 oceanfront acres and plenty of opportunities for surfing, ocean kayaking, sailing, hiking, horseback riding and cycling. Additionally, Bacara offers a variety of onsite activities over the summer months, including complimentary wine receptions, stargazing, fireside s’mores and movie nights. Bacara Adventures is also onsite for exclusive wine tours through the Santa Ynez Wine Country.

MONARCH KIDS’ CLUB
The Monarch Kids’ Club is a place for fun and exploration for children ages 5 through 12. The program was designed especially to reflect Bacara’s beautiful and native surroundings, its natural beaches, rolling hills and rich Chumash history.

Neighboring Bacara is the Coronado Butterfly Preserve. Each year Monarch butterflies migrate to the preserve for their over-wintering time. Just as the preserve fosters a warm and safe habitat for the butterflies, our Monarch Kids’ Club is a haven for children to learn and explore. Monarchs, much like our guests, retreat to Bacara to bask in the sea and sun.

SYLLABUS AND TECHNOLOGY
Mayo Clinic is striving to “Go Green” by offering a complimentary electronic syllabus which can be downloaded onto your tablet or smartphone. Free WiFi will be available in the symposium room. An audience response system and Twitter will be utilized for interactive learning by the participants learning by the participants, via hashtag: #MayoNeuro

RECREATION/LEISURE ACTIVITIES
Visit http://www.santabarbara.com for additional recreation and leisure activities.

TRANSPORTATION
Ground Transportation: Hertz is offering a reduced daily rate for participants attending the course. Call (800) 654-2240 and refer to CV Number #03NR0008 when making reservations.
Supershuttle vans offer airport transportation to and from the hotel. To make reservations, call (800) 258-3826 or (602) 244-9000.
AMERICAN BOARD OF PSYCHIATRY AND NEUROLOGY (ABPN)

Registration fee: $100

COURSE DESCRIPTION

Self-Assessment activities are required for the American Board of Psychiatry and Neurology (ABPN) Maintenance of Certification program. This self-assessment includes 100 multiple choice questions on diagnosis and management of neurological disorders and covers core competencies in medical knowledge and patient care.

The ABPN approved self-assessment module is completed before the start of the course; test start and submittal dates are shown below.

Monday, June 17, 2013 – Learners will receive the self-assessment module by e-mail
Self-assessments are sent to the e-mail address noted in your registration profile.

Monday, July 1, 2013 – Submit the Self-Assessment Module

The completed self-assessment module will be used to guide the CME activity. After completing the self-assessment, participants will be provided a report with their selected answers, the correct answers, and comparative performance of all participants on each question. This report will include recommended literature resources for each question.

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Faculty

MAYO CLINIC

Charles H. Adler, M.D., Ph.D.
Maria I. Aguilar, M.D.
J. Eric Ahlskog, M.D., Ph.D.
Allen J. Aksamit, Jr., M.D.
Kevin M. Barrett, M.D.
Paul W. Brazis, M.D.
Robert P. Bright, M.D.
Jonathan L. Carter, M.D.
Richard J. Caselli, M.D.
John N. Caviness, M.D.
Dwight D. Channer, M.S.
James J. Chien, M.D.
Brian W. Chong, M.D.
Brian A. Crum, M.D.
Bart M. Damaerschalk, M.D.
David W. Dodick, M.D.
Joseph F. Drazkowski, M.D.
Erika D. Driver-Dunckley, M.D.*
Scott D. Z. Eggers, M.D.
William D. Freeman, M.D.
Brent P. Goodman, M.D.
Rashmi B. Halker, M.D.
Matthew T. Hoerth, M.D.
Joseph M. Hoxworth, M.D.
Neeraj Kumar, M.D.
Daniel Honore Lachance, M.D.
Joyce K. Lee Iannotti, M.D.
Alyx B. Porter, M.D.
Mark A. Ross, M.D.
Devon I. Rubin, M.D.
Jerry L. Shih, M.D.
Joseph I. Sirven, M.D.
Erik J. Sorenson, M.D.
Erik K. St. Louis, M.D.
Amaal J. Starling, M.D.
Bert B. Vargas, M.D.*
James C. Watson, M.D.
Dean M. Wingerchuk, M.D.
Bryan K. Woodruff, M.D.
Kristine S. Ziemb, M.D., Ph.D.

* Course Directors

FACULTY DISCLOSURE: As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, 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 will also 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.
Thursday, July 11, 2013

7:00 a.m.  Registration and Continental Breakfast
7:45  Welcome Announcements

STROKE
8:00  Acute Management of Stroke .......................... William D. Freeman, M.D.
8:30  Secondary Stroke Prophylaxis .......................... Maria I. Aguilar, M.D.
9:00  Endovascular Management of Acute Stroke and Second Prophylaxis (To Stent or Not to Stent?) ....... Brian W. Chong, M.D.
9:30  Panel Discussion
9:45  Break

HEADACHE
10:00  Approach to Headache – When to Worry .................. Bert B. Vargas, M.D.
10:30  Acute and Prophylactic Management of Primary Headache ............... Bert B. Vargas, M.D.
11:00  Special topics in Migraine (Chronic Migraine, Hormones, and Pregnancy) ...... Rashmi B. Halker, M.D.
11:30  Update in Vestibular Disorders .................. Scott D. Z. Eggers, M.D.
Noon  Panel Discussion
12:15 p.m.  Lunch

LEARNING THROUGH CASES
1:15  Neurologic Emergencies (Acute Stroke, Status, Myasthenic Crisis)
      Matthew T. Hoerth, M.D., Joyce K. Lee Iannotti, M.D. and Mark A. Ross, M.D.
      Dilemmas in Neurology Practice and A Review of the Evidence
      Amaal J. Starling, M.D. and Kristine S. Ziemba, M.D., Ph.D.
      Special Session on Pain Management
      Neeraj Kumar, M.D. and James J. Chien, M.D.
2:45  Break
3:00  Neurologic Emergencies (Acute Stroke, Status, Myasthenic Crisis)
      Matthew T. Hoerth, M.D., Joyce K. Lee Iannotti, M.D. and Mark A. Ross, M.D.
      Dilemmas in Neurology Practice and A Review of the Evidence
      Amaal J. Starling, M.D. and Kristine S. Ziemba, M.D., Ph.D.
      Special Session on Pain Management
      Neeraj Kumar, M.D. and James J. Chien, M.D.
4:30  Adjourn

Friday, July 12, 2013

7:00 a.m.  Continental Breakfast
7:25  Welcome Announcements

EPILEPSY AND SLEEP
7:30  Evaluation and Management of Sleep Disorders ...... Erik K. St. Louis, M.D.
8:00  Initial Approach to the Seizure Patient and Differential Diagnosis of “Spells” ............... Joseph F. Drazkowski, M.D.
8:30  Treatment Strategies in Epilepsy (Including Surgical Management) .............. Joseph I. Sirven, M.D.
9:00  Treatment of Epilepsy in Special Populations .......... Jerry L. Shih, M.D.
9:30  Panel Discussion
9:45  Break

MOVEMENT DISORDERS
10:00  Early Parkinson's Disease Diagnosis and Treatment ................................ John N. Caviness, M.D.
10:30  Advanced Parkinson's Disease Management .... J. Eric Ahlskog, M.D., Ph.D.
11:00  Dystonia, Spasticity, and Botulinum Toxins ... Charles H. Adler, M.D., Ph.D.
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:45</td>
<td>Panel Discussion</td>
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<td>Noon</td>
<td>Lunch</td>
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**HOT TOPICS IN NEUROLOGY AND HEALTHCARE DELIVERY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:00</td>
<td>Incorporating Teleneurology Into Your Practice</td>
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<td>Bart M. Demaerschalk, M.D. and Dwight D. Channer, M.S.</td>
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<tr>
<td>1:00</td>
<td>Concussion and Mild Traumatic Brain Injury</td>
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<td>David W. Dodick, M.D. and Joseph M. Hoxworth, M.D.</td>
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<tr>
<td>1:00</td>
<td>The Practice of Neurohospitalist Medicine</td>
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<td>Kevin M. Barrett, M.D. and William D. Freeman, M.D.</td>
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<td>2:00</td>
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**Saturday, July 13, 2013**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00</td>
<td>Continental Breakfast</td>
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<td>7:25</td>
<td>Welcome Announcements</td>
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**CENTRAL NERVOUS SYSTEM (CNS) DISORDERS**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30</td>
<td>CNS Infections: Bacterial, Fungal, Spirochaetal</td>
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<td></td>
<td>Allen J. Aksamit, Jr., M.D.</td>
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<tr>
<td>8:00</td>
<td>CNS Infections: Viral, Prion, Mycobacterial</td>
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<td>Allen J. Aksamit, Jr., M.D.</td>
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<tr>
<td>8:30</td>
<td>Autoimmune and Paraneoplastic Disorders</td>
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<td>Daniel Honoré Lachance, M.D.</td>
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<td>9:00</td>
<td>Neuro-Oncology Update</td>
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<td>Alyx B. Porter, M.D.</td>
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<td>9:30</td>
<td>Panel Discussion</td>
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<td>10:00</td>
<td>Mild Cognitive Impairment</td>
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<td></td>
<td>Richard J. Caselli, M.D.</td>
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<td>10:30</td>
<td>Alzheimer’s Dementia</td>
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<td>Richard J. Caselli, M.D.</td>
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<td>11:00</td>
<td>Non-Alzheimer’s Dementia</td>
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<td>Bryan K. Woodruff, M.D.</td>
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<tr>
<td>11:30</td>
<td>Psychiatry Pearls for the Non-Psychiatrist</td>
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<td>Robert P. Bright, M.D.</td>
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<tr>
<td>Noon</td>
<td>Panel Discussion</td>
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<td>12:15</td>
<td>Adjourn</td>
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**BEHAVIORAL NEUROLOGY AND PSYCHIATRY**

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<tr>
<th>Time</th>
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<tr>
<td>10:00</td>
<td>Orthostatic Intolerance: What You Need to Know</td>
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<td>Brent P. Goodman, M.D.</td>
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<tr>
<td>10:30</td>
<td>Neuro-Ophthalmology Pearls</td>
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<td>Paul W. Brazis, M.D.</td>
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<tr>
<td>11:00</td>
<td>Diagnosis of Multiple Sclerosis and Its Mimics</td>
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<td>Jonathan L. Carter, M.D.</td>
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<tr>
<td>11:30</td>
<td>New Therapies for Multiple Sclerosis: Their Place in Practice</td>
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<td>Dean M. Wingerchuk, M.D.</td>
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<tr>
<td>Noon</td>
<td>Panel Discussion</td>
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<td>12:15</td>
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**REGISTRATION**

**Neurology in Clinical Practice, 2013**

**July 11-14, 2013**

Registration at the standard fee may be completed using this form and faxing it to (480) 301-9176. Or you can mail it to: Mayo Clinic, Mayo School of CPD, 13400 East Shea Boulevard, Scottsdale, Arizona 85259.

An email 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 email 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 June 24, 2013. 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.

**ONLINE SYLLABUS:** Your registration fee includes access to a detailed online syllabus, emailed one week prior to the course. This allows you to view, save, or print the syllabus before attending the course. Syllabus paper copy available for an additional $50 fee, see registration form to order a paper copy.

**Course Registrant List (Check only if you want your name removed)**

- [ ] I do not want information (i.e., name, degree, city, and state) to appear on the course registrants’ list.

<table>
<thead>
<tr>
<th>Name of Registrant – first, middle, and last name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree/Certification</td>
<td>Medical Specialty</td>
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<tr>
<td>Preferred mailing address: (select one)</td>
<td>[ ] Work/Business</td>
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<tr>
<td>City</td>
<td>State/Province</td>
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<tr>
<td>Country</td>
<td>Email</td>
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<tr>
<td>Daytime Telephone</td>
<td>Fax</td>
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**$75 DISCOUNT FOR ONLINE REGISTRATION!**

Go to www.mayo.edu/cme (offer expires June 13, 2013)

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

- [ ] Physicians Active in Practice
  - Standard Fee: $775
  - Online Discounted Fee: $700
  - Note: Due to printing deadlines, this option will not be available after June 30, 2013.

- [ ] Other (resident, retired and allied health)
  - Standard Fee: $675
  - Online Discounted Fee: $600

- [ ] Paper copy of the syllabus
  - Standard Fee: $50
  - Online Discounted Fee: $50

- [ ] ABPN Self-Assessment
  - Standard Fee: $100
  - Online Discounted Fee: $100

**SPECIAL OFFER: SAVE $200 when you register for two courses – OFFER EXPIRES: Friday, May 3, 2013**

- [ ] Physicians Active in Practice and Other
  - Standard Fee: $1,275
  - Online Discounted Fee: $1,200

This special offer is for the General Session only, additional fees for optional workshops, course syllabus, and ABPN self-assessment module still apply.

Visit Neurology Dual at: www.mayo.edu/cme/neurology-and-neurologic-surgery

**Payment Information (US Funds Only)**

- [ ] Check is enclosed in the amount shown at right – make checks payable to Mayo Clinic CPD
- [ ] Credit Card (select one)
  - Account Number
  - Exp. Date (mm/yy)
- [ ] Discovery □ MC □ Visa
- Signature

2013S956
AMA, AOA, AAFP, ABPN