Mayo School of Continuous Professional Development

Practical Clinical Case-Oriented Neuro-Ophthalmology

December 8-10, 2016
The Venetian & Palazzo Resort
Las Vegas, NV

Course Director
Paul W. Brazis, M.D

“Featuring an ABPN Approved Self-Assessment Activity”

REGISTER NOW!
Registration and additional course information can be found on our NEW course website:
https://ce.mayo.edu/node/13815
COURSE DESCRIPTION
This course reviews multiple topics in clinical neuro-ophthalmology. The first day consists of didactic lectures by experts in neuro-ophthalmology on various topics including papilledema, pseudopapilledema, diplopia, nystagmus and neuroradiology. On the second day, cases of common neuro-ophthalmologic problems are presented to our panel for discussion of practical approaches to patient evaluation and management. Conditions presented include optic neuritis, neuroretinitis, neuromyelitis optica, ischemic optic neuropathy, Horner syndrome, downbeat nystagmus and myasthenia gravis. The day also includes a session on the clinical and neuro-radiologic correlation of several neuro-ophthalmologic disease processes. The third day starts with case presentations by retina experts attempting to sort out the question of “optic nerve or retina?” as a cause of visual loss.

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

- Recognize the varied presentations of Neuro-Ophthalmic disease
- Discuss newly described diseases and their connection to Neuro-Ophthalmology
- Describe the new diagnostic criteria, lab evaluation, and treatment of Neuromyelitis Optica
- Recognize recent advances in the treatment of optic neuritis
- Identify clinical presentations and clinical manifestations of giant cell arteritis
- Recognize potentially life-threatening neuro-ophthalmologic processes
- Discuss diagnosis and management of Horner Syndrome
- Diagnose and evaluate potentially dangerous etiologies of diplopia
- Discuss the uses and limitations of neuroimaging studies as a diagnostic tool in the evaluation of patients with neuro-ophthalmic disease

Attendance at this Mayo Clinic 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 treat neuro-ophthalmologic patients including neurologists, ophthalmologists, optometrists, and neurosurgeons. Other interested practitioners may include internists, family care practitioners, emergency room physicians and PAs.

CREDIT
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Mayo Clinic College of Medicine designates this live activity for a maximum of 16.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AOA
This program has been accredited by the American Osteopathic Association for 16.25 credits of AOA Category 2-A.

Other Health Care Professionals
A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.
ABPN PART II SELF-ASSESSMENT (ADDITIONAL FEE)

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Mayo Clinic College of Medicine designates this Self-Assessment for a maximum of 2.0 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 Mayo Clinic Neuro-Ophthalmology Review 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.

GRANTS AND EXHIBITS

At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting. Exhibits will be available for viewing at all scheduled breaks.

REGISTRATION

To register online, visit http://ce.mayo.edu/node/13815. The registration fee includes tuition, a comprehensive electronic course syllabus, continental breakfasts 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.

REGISTRATION FEES

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Practicing Physicians/Scientists</td>
<td>$750</td>
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<tr>
<td>Residents, Retirees, PAs, NPs</td>
<td>$550</td>
</tr>
<tr>
<td>ABPN Self-Assessment</td>
<td>$25</td>
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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 on or before Thursday, November 24, 2016 (cme-jax@mayo.edu). No refunds will be made after Thursday, November 24, 2016. 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.

For additional information, contact:
Mayo School of Continuous Professional Development
Website: ce.mayo.edu
E-mail: cme-jax@mayo.edu
Phone: 800-462-9633

TRAVEL AND LODGING ACCOMODATIONS

The Venetian & Palazzo Resort
3355 Las Vegas Blvd. South
Las Vegas, NV 89109
Phone: (702) 414-1000

A block of guestrooms are reserved for attendees and their guests at the group rate of $189 per night. A standard resort fee of $29, plus tax per night, will be charged. The resort fee includes unlimited local and toll-free calls, unlimited in-suite internet access, a complimentary daily newspaper, daily access for two...
adults to the fitness facility within the Canyon Ranch SpaClub, one regular coffee or tea at Café Presse per stay, and one, two-for-one coupon for well drinks, domestic beer or wine at any casino bar excluding The Bourbon Room (must be 21 years of age or older, and Management reserves all rights). To ensure accommodations and the discounted rate, please call the Venetian & Palazzo Resort Reservations Department (877-385-3885) and identify yourself as a participant of the Mayo Clinic Neuro-Ophthalmology course or reserve online at https://aws.passkey.com/g/58201486. Early reservations are recommended due to the limited number of rooms available. In order to receive the special group rate, reservations must be made before the room block is filled or before Monday, November 7, 2016, whichever comes first. Check-in time is after 3:00 p.m. and check-out time is 11:00 A.M. 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.

**COURSE FACULTY**

**Mayo Faculty**

James P. Bolling, M.D.  |  Daniel F. Broderick, M.D.  |  John J. Chen, M.D., Ph.D.
Christian P. Guier, O.D.  |  Brigitte Keener, O.D.  |  Michael W. Stewart, M.D.

**Guest Faculty**

Eric Eggenberger, D.O.  
Michigan State University  
East Lansing, MI

Andrew G. Lee, M.D.  
Houston Methodist Hospital  
Weil Cornell Medical College  
Houston, TX

Neil R. Miller, M.D.  
Johns Hopkins Hospital  
Baltimore, MD

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**Agenda**

**Thursday, December 8, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00 a.m.</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:50</td>
<td>Welcome/Introduction - Paul W. Brazis, M.D.</td>
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<tr>
<td>8:00</td>
<td>Diplopia – Three Sheets to the Wind - Eric Eggenberger, D.O.</td>
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<td>8:30</td>
<td>Current Concepts in the Management of Giant Cell Arteritis - Neil R. Miller, M.D.</td>
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<tr>
<td>9:00</td>
<td>Five Medicines that can Blind Your Patient - Andrew G. Lee, M.D.</td>
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<td>9:30</td>
<td>Q&amp;A/Break</td>
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<tr>
<td>10:00</td>
<td>Case Studies on the Use of OCT: Its Potential Utility and Potential Artifacts - John J. Chen, M.D., Ph.D.</td>
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<td>10:30</td>
<td>Functional Visual Loss - Christian P. Guier, O.D. and Brigitte Keener, O.D.</td>
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<td>11:00</td>
<td>Nystagmus Hat-Trick - Eric Eggenberger, D.O.</td>
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<tr>
<td>11:30</td>
<td>Diagnosis and Management of Horner Syndrome - Neil R. Miller, M.D.</td>
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Noon Questions/Break
12:30 p.m. Five Myths That Even Neuro-Ophthalmologists Believe are True - Andrew G. Lee, M.D.
1:00 Neuro-Imaging for the Neuro-Ophthalmologist Daniel F. Broderick, M.D.
1:30 To be or not to be: Case of papilledema and pseudopapilledema? - John J. Chen, M.D., Ph.D.
2:00 p.m. Adjourn

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Friday, December 9, 2016

7:30 a.m. Continental Breakfast
8:00 Neuroradiology-Neuro-Ophthalmology Cases Daniel F. Broderick, M.D. and Neil R. Miller, M.D.
9:00 Case Presentations Paul W. Brazis, M.D., Eric Eggenberger, D.O., Andrew G. Lee, M.D. and Neil R. Miller, M.D.
10:00 Questions/Break
10:30 Case Presentations Paul W. Brazis, M.D. and Faculty
Noon Questions/Break
12:30 p.m. Case Presentations - Paul W. Brazis, M.D. and Faculty
1:30 p.m. Adjourn

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Saturday, December 10, 2016

7:30 a.m. Continental Breakfast
8:00 Is It Optic Nerve or Is It Retina? James P. Bolling, M.D. and Michael W. Stewart, M.D.
9:00 Unknown Cases Eric Eggenberger, D.O. and Faculty
10:00 Questions/Break
10:30 Unknown Cases Andrew G. Lee, M.D. and Faculty
11:30 Unknown Cases Neil R. Miller, M.D. and Faculty
12:30 p.m. Questions/Break
1:00 Unknown Cases John J. Chen, M.D., Ph.D. and Faculty
1:45 p.m. Adjourn
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Neuro-Ophthalmology

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FACULTY DISCLOSURE
As a provider accredited by ACCME, Mayo Clinic College of Medicine (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.

NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM
Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program OPEN PAYMENTS (Physician Payments Sunshine Act).

If you already received a copy of this brochure, please give this brochure to an interested colleague.