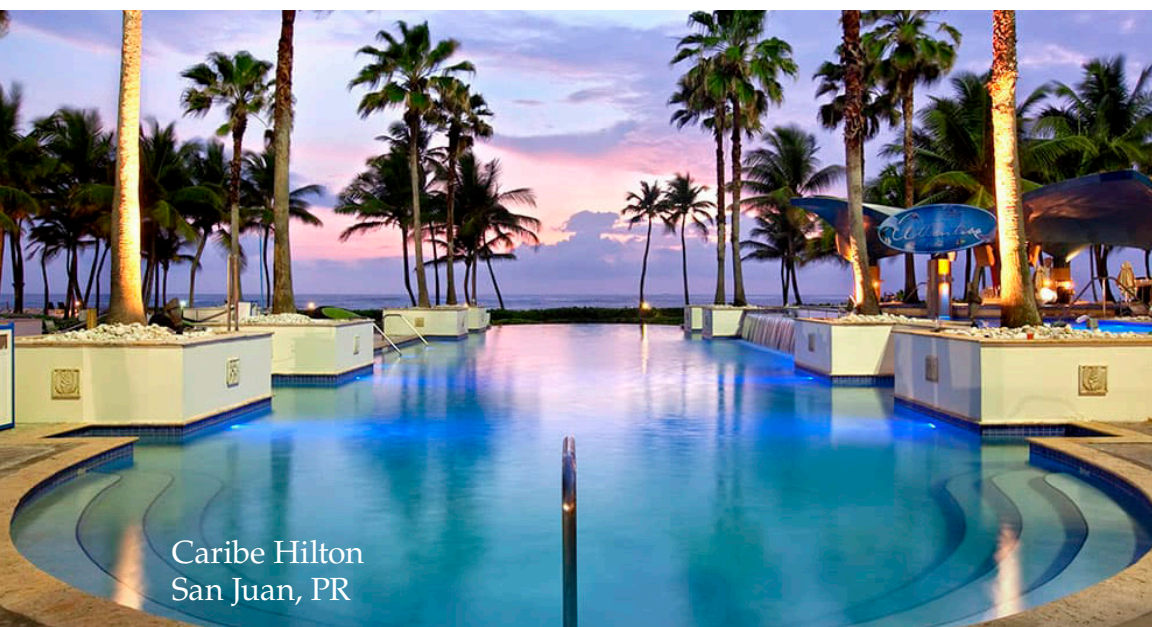




Mayo School of Continuous Professional Development

Practical Clinical Neurology Update

July 27 - 29, 2017



Caribe Hilton
San Juan, PR

Course Directors

Maisha T. Robinson, M.D.

Assistant Professor of Neurology
Mayo Clinic

Devon I. Rubin, M.D.

Professor of Neurology
Mayo Clinic

Course Highlights

- Comprehensive, evidence-based review of common neurological problems
- Update in recent advances in the diagnosis and management of neurological diseases
- Video case presentations, interactive keypad system, and interactive Q & A sessions

**Featuring an ABPN-Approved MOC
Self-Assessment Activity**

REGISTER NOW!

Registration and additional course information can be found on
our course website : ce.mayo.edu/node/32208

COURSE DESCRIPTION

This course will serve as a review and update on the most recent advances in the diagnosis and treatment of common neurological clinical problems that face internists, family practitioners, neurologists, physician assistants and nurse practitioners in their daily practices. The course is intended to provide an intensive, practical review with an emphasis on evidence-based approaches to everyday problems that span the realm of neurology. A didactic format will include the use of an interactive keypad system, video case presentations, and question and answer panel discussions. Clinical case correlations will be discussed during the presentations.

COURSE LEARNING OBJECTIVES

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

- Assess diagnosis and management of common neurological disorder
- Distinguish the potential etiologies of cerebrovascular diseases, headache, dementia, movement disorders, epilepsy, multiple sclerosis, and neuromuscular diseases
- Evaluate and develop a treatment plan for cerebrovascular diseases, headache, dementia, movement disorders, epilepsy, multiple sclerosis, and neuromuscular diseases
- Compare benefits and risks of different therapies for seizures
- Recognize different treatment options for patients with spine diseases
- Formulate a plan for patients with spinal cord or brain metastases
- Recognize and treat different types of neurologic infectious diseases
- Formulate 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

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 neurologists, general internists, family physicians, and allied health personnel who treat patients with neurologic problems.

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 22 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation

AAFP

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

AOA

This program has been accredited by the American Osteopathic Association for 22 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 up to 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 "Practical Clinical Neurology Update" (awarding 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 visit ce.mayo.edu/node/32208. The registration fee includes tuition, comprehensive electronic course syllabus, continental breakfasts, break and 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.

Registration fees

| | |
|---|-------|
| Physician/Scientists | \$750 |
| Residents, Retirees, PAs and NPs | \$550 |
| ABIM MOC Module | \$25 |

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 July 14, 2017 (cme-jax@mayo.edu). No refunds will be made after July 15, 2017. 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

TRAVEL AND LODGING

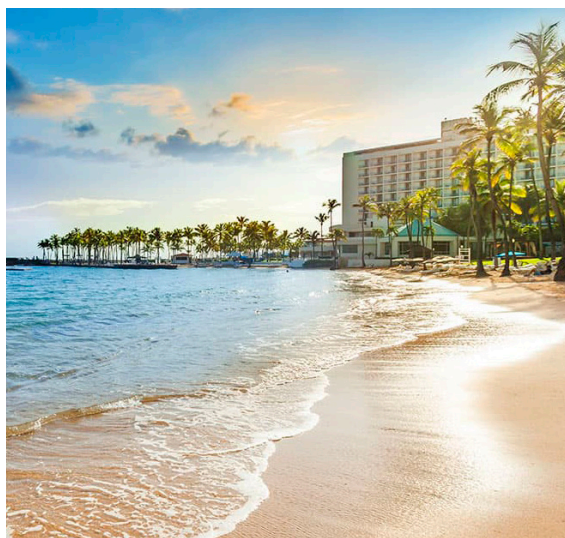
Caribe Hilton

1 Calle San Gerónimo
San Juan, Puerto Rico 00901

Admire ocean and tropical garden views from Caribe Hilton hotel, one of the most famous hotels in Puerto Rico. Set on a secluded peninsula with 17 acres of lush foliage, this San Juan resort is ideally situated between historic Old San Juan and the contemporary Condado area of San Juan. With no passport required for US citizens, visiting Caribe Hilton is an easy Caribbean getaway. Water view rooms are reserved for attendees and their guests at the group rate of \$179 per night plus applicable taxes. Garden view rooms are reserved for \$159 per night plus applicable taxes. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of July 5, 2017 whichever comes first. The resort has extended the group rate three days prior and three days after the course based on availability. Check-in time is after 4 p.m. and check-out time is 12:00 p.m.

Reserve your room online:

<https://aws.passkey.com/event/14831596/owner/2539134/home>



MAYO FACULTY

Maria I. Aguilar, M.D.
Allen J. Aksamit, Jr., M.D.
J.D. Bartleson, Jr., M.D.
Christopher J. Boes, M.D.
Robert D. Brown, Jr., M.D., MPH
Gregory D. Cascino, M.D.
Richard J. Caselli, M.D.
John J. Chen, M.D., Ph.D.
William P. Cheshire, M.D.
Brian A. Crum, M.D.
Fred Michael Cutrer, M.D.
Scott D. Eggers, M.D.

Neill R. Graff-Radford, M.D.
Vivek Gupta, M.D.
Josephine F. Huang, M.D.
B. Mark Keegan, M.D.
Kathleen D. Kennelly, M.D., Ph.D.
Bryan T. Klassen, M.D.
Neeraj Kumar, M.D.
Andrew McKeon, M.B., B.Ch., M.D.
Shyamal H. Mehta, M.D., Ph.D.
Katherine H. Noe, M.D., Ph.D.
Alyx B. Porter, M.D.
Maisha T. Robinson, M.D.

Todd D. Rozen, M.D.
Devon I. Rubin, M.D.
Michael H. Silber, M.B., Ch.B.
Eric J. Sorenson, M.D.
William Tatum, D.O.
Ryan J. Uitti, M.D.
Juliana H. VanderPluym, M.D.
Dean M. Wingerchuk, M.D.

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).

PROGRAM AGENDA

| Thursday, July 27, 2017 | | |
|--------------------------|---|---------------------------|
| 6:45 a.m. | Registration and Continental Breakfast | |
| 7:15 | Welcome, Introductions and Interactive Pre-Test | |
| CEREBROVASCULAR DISEASES | | |
| 7:30 | Acute Stroke Management | Josephine F. Huang, M.D. |
| 8:00 | Secondary Stroke Prevention | Maria I. Aguilar, M.D. |
| 8:30 | Commonly Asked Questions in the Management of Unruptured Intracranial Aneurysms | Robert D. Brown, Jr. M.D. |
| 9:00 | Q&A / Panel Discussion | |

| MOVEMENT DISORDERS | | |
|--------------------|---|--------------------------------------|
| 9:30 | Parkinson's Disease and Mimics: Diagnosis | <i>Shyamal H. Mehta, M.D., Ph.D.</i> |
| 10:00 | Parkinson's Disease Management (Medical and Surgical) | <i>Bryan T. Klassen, M.D.</i> |
| 10:30 | Dystonia and Other Movement Disorders | <i>Ryan J. Uitti, M.D.</i> |
| 11:00 | Neuroophthalmology Pearls | <i>John J. Chen, M.D., Ph.D.</i> |
| 11:30 | Q&A / Panel Discussion | |
| Noon | Lunch | |

| HEADACHE | | |
|-----------|---|----------------------------------|
| 1:00 p.m. | Approach to Headache: Evaluation and When to Worry | <i>Christopher J. Boes, M.D.</i> |
| 1:30 | Acute and Prophylactic Management of Primary Headache | <i>Fred Michael Cutrer, M.D.</i> |
| 2:00 | Atypical Headache Syndromes | <i>Todd D. Rozen, M.D.</i> |
| 2:30 | Q&A / Panel Discussion | |

| CNS INFECTIONS, NEUROIMAGING, AND SPINE | | |
|---|---|-------------------------------|
| 3:00 | Update in CNS Infections | <i>Allen J. Aksamit, M.D.</i> |
| 3:30 | Neuroimaging: Update and Illustrative Cases | <i>Vivek Gupta, M.D.</i> |
| 4:00 | Update on the Management of Spine Diseases | <i>J.D. Bartleson, M.D.</i> |
| 4:30 p.m. | Q&A / Panel Discussion / Post-Test | |

| Friday, July 28, 2017 | | |
|-----------------------|---|-------------------------------|
| 6:45 a.m. | Continental Breakfast | |
| 7:15 | Welcome, Introductions and Interactive Pre-Test | |
| EPILEPSY | | |
| 7:30 | Diagnosis and Differential Diagnosis of Seizures and Spells | Gregory D. Cascino, M.D. |
| 8:00 | Treatment Strategies in Epilepsy (Medications and Surgery) | William Tatum D.O. |
| 8:30 | Treatment of Epilepsy in Special Populations | Katherine H. Noe, M.D., Ph.D. |
| 9:00 | Q&A / Panel Discussion | |

| DEMENTIA AND BRAIN INJURY | | |
|---------------------------|---|-------------------------------------|
| 9:30 | Pre Alzheimer Disease and Mild Cognitive Impairment | <i>Neill R. Graff-Radford, M.D.</i> |
| 10:00 | Alzheimer Disease: What We Can Do Now and What Treatments Are in the Future | <i>Neill R. Graff-Radford, M.D.</i> |
| 10:30 | Non-Alzheimer's Dementias | <i>Richard J. Caselli, M.D.</i> |
| 11:00 | Concussion and Traumatic Brain Injury | <i>Juliana H. VanderPluym, M.D.</i> |
| 11:30 | Q&A / Panel Discussion | |
| Noon | Lunch | |

| MULTIPLE SCLEROSIS AND MYELOPATHY | | |
|-----------------------------------|--|---------------------------------|
| 1:00 p.m. | Multiple Sclerosis: Clinical Types and Diagnosis | <i>Dean M. Wingerchuk, M.D.</i> |
| 1:30 | Multiple Sclerosis: Treatment Update | <i>B. Mark Keegan, M.D.</i> |
| 2:00 | Myelopathy (non- MS) Cases | <i>Neeraj Kumar, M.D.</i> |
| 2:30 | Q&A / Panel Discussion | |

| NEURO-ONCOLOGY | | |
|----------------|------------------------------------|---|
| 3:00 | Neuro-Oncology Update | <i>Alyx B. Porter, M.D.</i> |
| 3:30 | Paraneoplastic Disorders | <i>Andrew McKeon, M.D., B.Ch., M.D.</i> |
| 4:00 | Palliative Care in Neurology | <i>Maisha T. Robinson, M.D.</i> |
| 4:30 p.m. | Q&A / Panel Discussion / Post-Test | |

| Saturday, July 29, 2017 | | |
|-------------------------|---|-------------------------------|
| 6:45 a.m. | Continental Breakfast | |
| 7:15 | Welcome, Introductions and Interactive Pre-Test | |
| NEUROMUSCULAR | | |
| 7:30 | Peripheral Neuropathies | <i>Devon I. Rubin, M.D.</i> |
| 8:00 | Myopathies: Diagnosis and Treatment Update | <i>Brian A. Crum, M.D.</i> |
| 8:30 | Motor Neuron Diseases: Diagnosis and Treatment Update | <i>Eric J. Sorenson, M.D.</i> |
| 9:00 | Q&A / Panel Discussion | |

| NEUROMUSCULAR AND AUTONOMIC | | |
|-----------------------------|---|--|
| 9:30 | Myasthenia Gravis: Diagnosis and Treatment Update | <i>Kathleen D. Kennelly, M.D., Ph.D.</i> |
| 10:00 | Unusual Neuromuscular Cases: You Make the Call | <i>Devon I. Rubin, M.D.</i> |
| 10:30 | Evaluation and Management of Autonomic Disorders | <i>William P. Cheshire, M.D.</i> |
| 11:00 | Q&A / Panel Discussion | |

| DIZZINESS AND SLEEP | | |
|---------------------|---|---------------------------------------|
| 11:30 | Diagnosis and Management of the Dizzy Patient | <i>Scott D. Eggers, M.D.</i> |
| Noon | Evaluation and Management of Sleep Disorders | <i>Michael H. Silber, M.B., Ch.B.</i> |
| 12:30 | Q&A / Panel Discussion / Post-Test | |
| 1:00 p.m. | Adjourn | |

MAYO 4500 San Pablo Road
CLINIC Jacksonville, Florida 32224



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.



Neurology in Clinical Practice, 2018

Westin Chicago River North – Chicago, Illinois
Thursday-Saturday, July 19-21, 2018



SAVE THE DATE

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