



Neurology Update and Stroke Intensive 2014

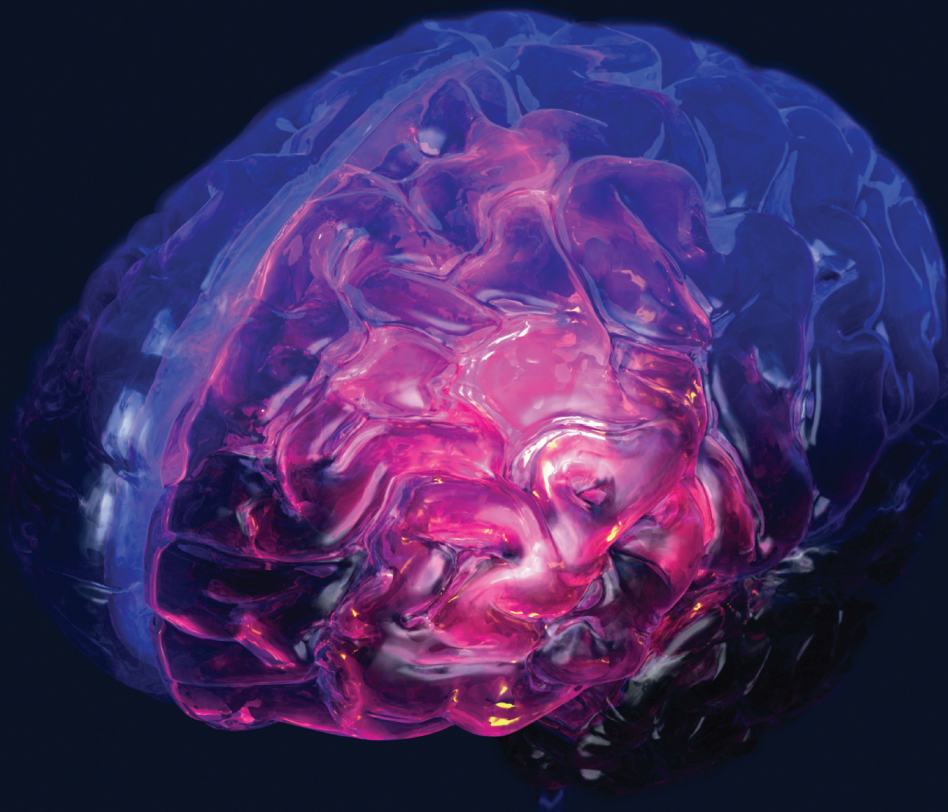
February 6-8, 2014
The Mayfair Hotel
Miami, Florida

COURSE DIRECTOR:
D. Ram Ayyar, MD, FAAN

ASSOCIATE COURSE DIRECTOR:
Jose G. Romano, MD, FAHA

Course Highlights include:

- Multiple Sclerosis
- Movement Disorders
- Stroke
- Epilepsy
- Neuromuscular Disorders
- Sufficient Hours for Stroke Center Certification
- Case Presentations



REGISTRATION AND INFORMATION:
www.cme.med.miami.edu

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University of Miami Miller School of Medicine

PRESENTED BY:
Department of Neurology

Miami CME Winter Series



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OVERVIEW

The course is designed to provide clinicians with the most recent developments in the diagnosis and management of neurologic disorders, including stroke. It will cover the latest advances in the different fields of neurology and neuroscience including epilepsy, sleep disorders, multiple sclerosis, movement disorders and neuromuscular diseases, all of which are critical in solving clinical problems, diagnosing and treating patients and improving the quality of patient care.

The stroke seminar on Saturday is designed as a stand-alone 8-hour CME activity to provide the annual CME credits needed for stroke team personnel at designated stroke centers. For those centers planning to seek stroke center status or already designated as a stroke center, this course will provide stroke teams with the most up-to-date evidence in the field of stroke diagnosis, treatment and prevention.

In addition, difficult diagnostic and therapeutic problems in movement disorders, multiple sclerosis and stroke will be presented. Included is an exchange of information among faculty and attendees as well as a dedicated 10-minute Discussion and Q&A session after each session.

GAP ANALYSIS

MULTIPLE SCLEROSIS: Several biomarkers are being defined for multiple sclerosis. An understanding of the utility of these markers are only possible if the physician / professional understands the role of these markers in the pathogenesis of these disorders. Clinicians must evaluate the role of these markers such that the clinical usefulness of these markers will become readily evident. The landscape of MS therapy will change drastically during the next decade with the advent of effective oral therapies. The FDA released the first of these oral therapies, fingolimod, in January 2010 and teriflunamide in September 2012. One other oral agent has since then successfully completed Phase 3 trials, namely, dimethyl fumarate. Yet, another potent immunosuppressant which has shown to be very effective but administered intravenously has also successfully completed a Phase 3 trial which is Alemtuzumab, a humanized monoclonal antibody with significant and long-lasting effects on the immune system and long-standing protection from relapses of multiple sclerosis. There is much for physicians to learn about these newer agents and their appropriate use in the treatment of multiple sclerosis.

EPILEPSY: There are several reasons for delays in referrals for epilepsy surgery. There is a need among clinicians to identify the risks of delaying surgery as well as the benefits of having surgery in patients with pharmacoresistant epilepsy. They must also identify their patients with this type of epilepsy in early stages of the condition and when to best refer the them to an Epilepsy Center for a comprehensive surgical evaluation. Several causes for delays in referrals for epilepsy surgery include: Uncertainty of surgical prognosis, misconceptions regarding the limitations of the therapeutic efficacy of AEDs, failure to appreciate the increased risks of persistent seizures on cognitive functions, psychiatric complications and sudden death and the lack of proper knowledge on the advantages of epilepsy surgery.

NEUROMUSCULAR: Myalgia is one of the most common complaints seen in neurologic and neuromuscular clinic, and accounts for up to 25% of outpatient visits to primary care physicians. Physician must outline a basic clinical approach to the patient with myalgia, including when and when not to do a muscle biopsy and avoid the common mistakes and misconceptions made in the clinic

Although the diagnosis of Guillain-Barre syndrome (GBS) is usually straightforward in patients presenting with the classic demyelinating form of the disease, variations in the clinical and laboratory features can make accurate diagnosis challenging. Physicians must assess the many variations and atypical forms of GBS that can challenge even the most astute clinician.

STROKE: Stroke is the fourth cause of death in the US and the seconds cause of adult mortality worldwide. Intravenous thrombolysis remains the only FDA approved treatment for acute ischemic stroke. However, IV rtPA is used in a minority of patients. Current limitations on the US of IV rtPA include mild or rapidly improving strokes, and administration within 4.5 hours of symptom onset.

TARGET AUDIENCE

The target audience will include adult and pediatric neurologists, neurosurgeons, psychiatrists, internists, cardiologists, physiatrists, general practitioners, nurses and nurse practitioners, speech therapists, psychologists, physical and occupational therapists.

OBJECTIVES

Upon completion of the course, the participants should be able to:

- Select the patient for epilepsy surgery
- Recognize how much AED is enough and when to start AED in new onset epilepsy
- Recognize and treat non-convulsive status epilepticus
- Choose AEDs in pregnant women with epilepsy
- Diagnose psychogenic non-epileptic seizures
- Differentiate normal from abnormal EEG
- Understand recent concepts of multiple sclerosis pathogenesis as it pertains to treatment
- Evaluate current concepts of MS treatment
- Differentiate ADEM from Tumefactive MS and NMO from non-NMO longitudinally extensive transverse myelitis and CNS sarcoid from MS
- Understand wearing off in Parkinson's disease and impulse control disorders in Parkinson's disease
- Comprehend the future directions in DBS and focused ultrasound
- Recognize FXTAS and other tremors
- Identify the diagnostic difficulties and variations in the clinical and laboratory features in GBS
- Review the clinical approach to the diagnosis of myalgias and when and when not to do a muscle biopsy
- Assess the complications of treatment of neuromuscular diseases
- Manage medication overuse headache
- Assess the role of laser ablation in brain tumor surgery
- Review the results of recent endovascular trials for acute stroke treatment
- Describe the evidence that supports imaging equivalents of the ischemic penumbra
- Examine the role of imaging and endovascular approaches for acute ischemic stroke treatment
- Review the results of trials on blood pressure management, evacuation and intraventricular thrombolysis for intracerebral and intraventricular hemorrhage
- Evaluate the role of disparities on overall health care and stroke treatment
- Review of the Florida Puerto Rico Collaboration to Reduce Stroke Disparities
- Evaluate the prognosis of mild and rapidly improving stroke
- Identify the factors that increase the risk of poor outcomes after stroke and transient ischemic attacks
- Determine the role of antithrombotic and thrombolytic treatment in mild stroke
- Examine the potential role of stem cells in the recovery of stroke-related deficits

ACCREDITATION

The University of Miami Leonard M. Miller School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of **21.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION

All conflicts of interest of any individual(s) in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.

Neurology Update and Stroke Intensive February 6-8, 2014

COURSE DIRECTOR

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Director, Neuromuscular Medicine
Fellowship Program
Neuromuscular Division
University of Miami
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Multiple Sclerosis Division

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Multiple Sclerosis and
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Brain Institute
Chief, Division Cognitive Disorders

Dileep Yavagal, MD

Associate Professor of
Clinical Neurology
Chief, Interventional Neurology

Program Agenda February 6-8, 2014

THURSDAY, FEBRUARY 6, 2014

7:00 - 7:55 am **Registration and Continental Breakfast**

7:55 - 8:00 am **Welcome**
D. Ram Ayyar, MD

EPILEPSY – Panel Discussion Format

Moderator:

Enrique Serrano, MD

Faculty:

Michael Duchowny, MD

Andres M. Kanner, MD

Merredith Lowe, MD

8:00 - 8:40 am **Should this Patient be Considered for Surgery?**

8:40 - 9:20 am **New Onset Epilepsy: When to Start AED?**

9:20 - 10:00 am **Non-Convulsive Status Epilepticus: How to Treat It?**

10:00 - 10:30 am **Pregnancy in Epilepsy: Are All AEDs Dangerous?**

10:30 - 11:00 am **Coffee Break and Visit Exhibits**

11:00 - 11:40 am **Are These Psychogenic Non-Epileptic Seizures?**

11:40 - 12:10 pm **Is This an Abnormal EEG Study?**

12:10 - 1:00 pm **Boxed Lunch**

Multiple Sclerosis (MS)

Moderator: Kottil W. Rammohan, MD

1:00 - 1:30 pm **Current Update on Overview of Multiple Sclerosis Pathogenesis as it Pertains to Treatment**
Kottil W. Rammohan, MD

1:30 - 2:00 pm **Update on Current MS Therapies**
Micheline McCarthy, MD, PhD

MS and Related Disorders Mimics

2:00 - 2:25 pm **Case Presentation/Discussion: When Longitudinally Extensive Transverse Myelitis is not Neuromyelitis Optica (NMO)**
Leticia Tornos, MD

2:25 - 2:50 pm **Case Presentation/Discussion: When “CNC Sarcoid” is Anything but Sarcoid**
Silvia R. Delgado, MD

2:50 - 3:15 PM **Coffee Break and Visit Exhibits**

3:15 - 3:40 pm **Case Presentation/Discussion: ADEM vs. Tumefactive MS – Management Issues**
Janice Maldonado, MD
Melissa Ortega, MD

3:40 - 4:25 pm **Panel Discussion**
Kottil W. Rammohan, MD
Micheline McCarthy, MD, PhD
Leticia Tornos, MD
Silvia R. Delgado, MD
Janice Maldonado, MD
Melissa Ortega, MD

4:25 pm **Adjourn**

FRIDAY, FEBRUARY 7, 2014

Movement Disorders

Moderator: Carlos Singer, MD

8:00 - 8:40 am **Wearing Off in Parkinson's Disease**
Mark Stacy, MD

8:40 - 8:45 am **Questions and Answers**

8:45 - 9:10 am **DBS and Focused Ultrasound: Future Directions**
Corneliu Luca MD, PhD

9:10 - 9:15 am **Questions and Answers**

9:25 - 9:40 am **Impulse Control Disorders in Parkinson's Disease**
Mark Stacy, MD

9:40 - 9:45 am **Questions and Answers**

9:45 - 10:30 am **FXTAS and Other Tremors: A Video- Based Presentation**
Henry Moore, MD

10:30 - 11:00 am **Coffee Break and Visit Exhibits**

Neuromuscular Diseases

Moderator: Ram Ayyar, MD

11:00 - 11:40 am **“Guillain- Barré Syndrome: That Which We Call a Rose By Any Other Name Would Smell As Sweet”**
John Kissel, MD

11:40 - 11:50 am **Questions and Answers**

11:50 - 12:30 pm **Therapeutic Poisoning in Neuromuscular Diseases**
Michael Benatar MBChB, MS, DPhil

12:30 - 12:40 pm **Questions and Answers**

*Agenda is subject to change.

12:40 - 1:20 pm	"The Patient with Myalgia: Myths, Muscle Diseases, and (A Little) Madness" <i>John Kissel, MD</i>
1:20 - 1:30 pm	Questions and Answers
1:00 - 1:45 pm	Boxed Lunch
1:45 - 2:15 pm	Panel Discussion Faculty
2:10 - 2:40 pm	Medication Overuse Headache <i>Teshamae Monteith, MD</i>
2:40 - 2:50 pm	Questions & Answers
2:50 - 3:20 pm	Laser Ablation in Brain Tumor Surgery <i>Ricardo J. Komotar, MD</i>
3:20 - 3:30 pm	Questions & Answers
3:30 pm	Adjourn

SATURDAY, FEBRUARY 8, 2014 STROKE INTENSIVE DAY

7:00 - 7:55 am	Registration and Continental Breakfast
7:55 - 8:00 am	Welcome <i>Jose G. Romano, MD</i>

The Role of Endovascular Approaches for Acute Ischemic Stroke

8:00 - 8:30 am	Results of Clinical Trials <i>Jose G. Romano, MD</i>
8:30 - 8:40 am	Questions and Answers
8:40 - 9:10 am	Patient Selection and Guidelines for Endovascular Acute Stroke Treatment in 2014 <i>Jose G. Romano, MD</i>
9:10 - 9:20 am	Questions and Answers
9:20 - 10:00 am	Panel Discussion <i>Faculty</i>
10:00 - 10:10 am	Questions and Answers
10:10 - 10:40 am	Coffee Break and Visit Exhibits

Stroke Disparities

10:40 - 11:10 am	Health and Stroke Disparities <i>Erin Kobetz, PhD</i>
11:10 - 11:20 am	Questions and Answers
11:20 - 11:50 am	Closing the Gap: The Florida-Puerto Rico Collaboration to Reduce Stroke Disparities <i>Ralph L. Sacco, MD, MS</i>
11:50 - 12:00 pm	Questions and Answers
12:00 - 12:45 pm	Boxed Lunch

Minor Stroke

12:45 - 1:15 pm	Outcomes in Mild Strokes <i>Jose G. Romano, MD</i>
1:15 - 1:25 pm	Questions and Answers
1:25 - 1:55 pm	Stratifying Risk After Minor Strokes and Transient Ischemic Attacks <i>Negar Asdaghi, MD</i>
1:55 - 2:05 pm	Questions and Answers
2:05 - 2:35 pm	Is There a Role for Double Antiplatelet Treatment in Minor Stroke and TIA Prevention? <i>Negar Asdaghi, MD</i>
2:35 - 2:45 pm	Questions and Answers
2:45 - 3:15 pm	Thrombolytic Treatment in Mild Stroke and Rapidly Improving Stroke <i>Jose G. Romano, MD</i>
3:15 - 3:25 pm	Questions and Answers
3:25 - 3:50 pm	Coffee Break and Visit Exhibits
3:50 - 4:15 pm	Update on Intracerebral and Intraventricular Hemorrhages <i>Sebastian Koch, MD</i>
4:15 - 4:25 pm	Questions and Answers
4:25 - 5:00 pm	The Promise and the Challenges of Stem Cells in Stroke Recovery <i>Dileep Yavagal, MD</i>
5:00 - 5:15 pm	Questions and Answers
5:15 - 5:30 pm	Closing Remarks <i>Jose G. Romano, MD</i>
5:30 pm	Conference adjourns

NEUROLOGY UPDATE AND STROKE INTENSIVE 2014

HOTEL INFORMATION:

The Mayfair Hotel and Spa
3000 Florida Avenue,
Coconut Grove, FL 33133
Phone: (305) 441-0000
Toll Free: 1-800-433-4555
www.mayfairhotelandspa.com

SPECIAL CONFERENCE RATE:

A block of rooms has been reserved for conference participants at a discounted rate of US **\$209/night** + 13% tax/day for 1 bedroom sleeping rooms and **\$249/night** + 13% tax/day for 2-bedroom sleeping rooms. Rate is guaranteed until **January 13, 2014** and includes complimentary Wi-Fi. The hotel extends the group rate 3 days pre and post conference dates based on availability. After **January 13, 2014**, reservation requests will be considered on a space-available basis.

RESERVATIONS:

Refer to University of Miami Neurology Update and Stroke Intensive conference. Call 1-305-441-0000 ext. 3570 or 1-800-433-4555 or via email at roomreserve@mayfairhotelandspa.com.



Cabana Rooftop Pool at
The Mayfair Hotel and Spa

All reservations should be received by the hotel no later than **January 13, 2014**. All individual reservations must be accompanied by a first night room deposit or guaranteed with a major credit card. Hotel will not hold any reservations unless secured by one of the above methods.

CONTACT INFORMATION



www.cme.med.miami.edu

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Neurology Update and Stroke Intensive February 6-8, 2014

REGISTRATION FORM

To register, please visit www.cme.med.miami.edu or complete this form

and mail or fax (with payment) to:

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	Before 1/17/14	As of 1/17/14	Onsite
☐ Physicians	\$650	\$700	\$745
☐ Nurses/Nurse Practitioners	\$400	\$450	\$500
☐ Allied Healthcare Professionals/Other	\$400	\$450	\$500
☐ Residents/Fellows	\$500	\$550	\$600
☐ Stroke Intensive Course only	\$375	\$425	\$475

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Card Number _____ Expiration Date _____ CVV Number (on back of card) _____

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☐ Brochure ☐ Email ☐ Colleague ☐ Flyer/Announcement ☐ Website ☐ Other _____

REGISTRATION CANCELLATION POLICY

Refunds will be made only if written notice of cancellation is received prior to **January 17, 2014**. A \$100 fee is charged for all refunds. After this date, no refunds will be made. In cases where a course is cancelled due to insufficient registrations, a full tuition refund will be made.

SERVICES FOR THE DISABLED

Please contact the Division of CME prior to **January 17, 2014** should you have any special needs that may require additional assistance. A conference staff member will contact you to discuss these special requirements.

FOR MORE INFORMATION, CONTACT

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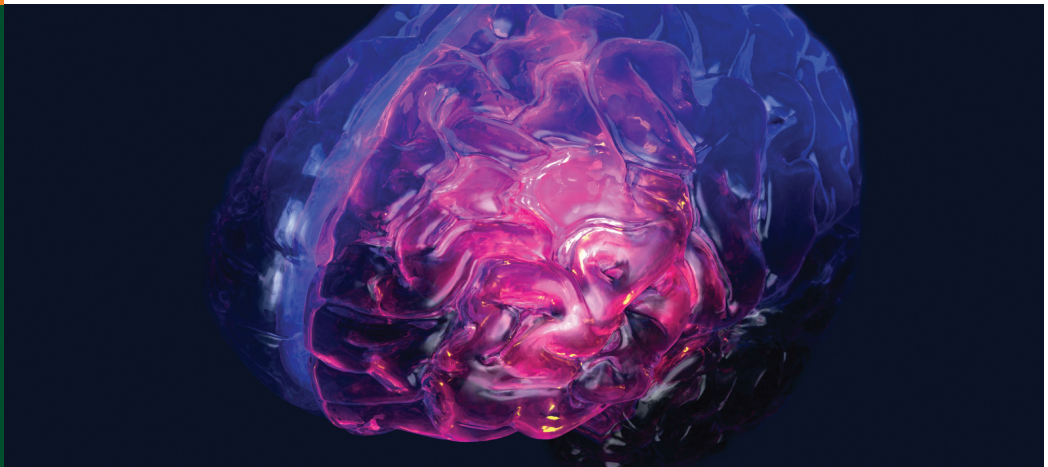
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