

NEUROLOGY UPDATE & STROKE INTENSIVE

50 YEARS
1967 - 2018

JANUARY 18-20, 2018

InterContinental Miami, Miami, FL

D. Ram Ayyar, MD, FAAN

COURSE DIRECTOR

Jose G. Romano, MD, FAHA, FAAN

ASSOCIATE COURSE DIRECTOR

COURSE HIGHLIGHTS:

- Common Errors in the Treatment of Epilepsy
- Alzheimer's Disease
- Multiple Sclerosis
- Movement Disorders
- Neuro-Oncology
- Neuromuscular Diseases
- Acute Ischemic Stroke
- Intracerebral Hemorrhage
- Prevention of Embolic Stroke

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Presented by:
Department of Neurology

Registration and information:
www.cme.med.miami.ed

NEUROLOGY UPDATE & STROKE INTENSIVE

OVERVIEW

The course will 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, multiple sclerosis, movement disorders, neuro-oncology, neuromuscular diseases, headache, PTSD and Alzheimer's disease, all of which are critical in solving clinical problems, diagnosing and treating patients and improving the quality of patient care, all of which are critical in solving clinical problems, diagnosing and treating patients and improving the quality of patient care.

In addition, a dedicated stroke seminar will be presented on Saturday, designed as a stand-alone 8-hour CME activity. 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.

Difficult diagnostic and therapeutic problems in movement disorders, multiple sclerosis and stroke will be presented including an exchange of information between faculty and attendees with case presentations, dedicated discussion and questions and answers sessions after each presentation as well as panel discussions.

TARGET AUDIENCE

It is aimed primarily at neurologists and stroke specialists as well as neurosurgeons, psychiatrists, neuro-oncologists, internists, fellows, residents, nurses and allied healthcare professionals specializing in neurology and stroke.

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

DISCLOSURE & 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.

OBJECTIVES

Upon completion of the course the participants will be able to:

- Recognize common errors in the use of antiepileptic drugs in the treatment of seizure disorders
- Evaluate the latest data on teratogenic adverse events of antiepileptic drugs
- Use psychotropic drugs in patients with epilepsy who suffer from comorbid mood and anxiety disorders
- Recognize how antiepileptic drugs interfere with the treatment of common neurologic comorbidities in patients with epilepsy
- Understand the relationship between cerebral vascular disease and Alzheimer's disease and the impact of cognitive and functional reserve and the declining incidence but increasing prevalence of dementia
- Understand the relationship between amyloid beta protein and phosphorylated tau protein, the progression of tau pathology in the brain and the selective vulnerability to Alzheimer pathology in brain regions
- Provide new information regarding the utility of biomarkers and staging of Alzheimer's disease and the efficacy of new treatments
- Evaluate the mechanism of injury in the central nervous system when relapse vs. progression of MS occurs and discuss the importance of the participation of the immune system in one but not the other
- Review the strategies that may reduce the risk of progression of MS when started at the inception of the disease than when progression has set in
- Discuss how to personalize MS immunomodulatory treatment according to the patient's disease course, treatment preferences, and compliance history
- Evaluate what is known about the value of microbial flora and how maintaining a healthy flora is important in our understanding of treatment of multiple sclerosis
- Discuss the role of micro RNAs in how they modify gene expression in MS
- Discuss and contrast the mechanisms that cause injury in MS vs. NMO and how the disorders are vastly different
- Identifying the differences in diagnosis of MS and NMO
- Describe recent developments in the treatment of parkinsonian motor fluctuations, tardive dyskinesia and choreas
- Explain new insights in the symptomatic treatment of tremors
- Describe the methodology and resources when approaching rare movement disorders
- Assess current acute ischemic stroke revascularization treatment, including intravenous and endovascular approaches
- Review the current management of intracerebral hemorrhage
- Evaluate secondary prevention of embolic stroke, including atrial fibrillation, patent foramen ovale and cryptogenic stroke

COURSE DIRECTOR

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NEUROLOGY UPDATE & STROKE INTENSIVE

AGENDA

THURSDAY, JANUARY 18, 2018

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

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

EPILEPSY

Common Errors in the Treatment of Epilepsy

Moderator: Andres M. Kanner, MD

8:00-8:05 AM **Introductory Remarks**
Andres M. Kanner, MD

8:05-8:30 AM **Common Errors in the Choice of Anti-Epileptic Drugs (AEDs)**
Enrique A. Serrano, MD

8:30-8:55 AM **Common Errors in the Treatment of Women with Epilepsy**
Naymee Velez-Ruiz, MD

8:55-9:35 AM **KEYNOTE: What Can Be Expected of Pharmacologic and Surgical Treatments of Epilepsy**
Jose F. Tellez-Zenteno, MD, PhD, FRCPC, CSCN

9:35-10:00 AM **Common Errors in the Treatment of Psychiatric Comorbidities in Epilepsy**
Maria Raquel Lopez, MD

10:00-10:30 AM **Coffee Break and Visit Exhibits**

10:30-10:55 AM **Common Errors in the Treatment of Neurologic Comorbidities in Epilepsy**
Ramses Ribot, MD

10:55-11:30 AM **Round Table Discussion on Epilepsy**
Andres M. Kanner, MD
Maria Raquel Lopez, MD
Ramses Ribot, MD
Enrique Serrano, MD
Jose F. Tellez-Zenteno, MD, PhD, FRCPC, CSCN
Naymee Velez-Ruiz, MD

11:30-12:10 PM **KEYNOTE: Post-Traumatic Stress Disorder (PTSD)**
Charles B. Nemeroff, MD, PhD

12:10-12:20 AM **Discussion and Q&A**

12:20-1:20 PM **Lunch**

ALZHEIMER'S DISEASE

Moderator: Xiaoyan Sun, MD, PhD

1:20-1:50 PM **Recent Advances in the Diagnosis and Management of Alzheimer's Disease**
Ranjana Duara, MD

1:50-2:05 PM **The Role of CSF Biomarkers in the Diagnosis and Monitoring of Alzheimer's Disease**
Xiaoyan Sun, MD, PhD

2:05-2:10 PM **Discussion and Q&A**

MULTIPLE SCLEROSIS

Moderator: Kottil W. Rammohan, MD

2:10-2:40 PM **Progressive MS – Challenge of the Next Decade**
Kottil W. Rammohan, MD

2:40-3:10 PM **DMTs in MS**
Silvia R. Delgado, MD
Micheline McCarthy, MD, PhD

3:10-3:40 PM **Coffee Break and Visit Exhibits**

3:40-4:10 PM **Gut Microbiome and MS**
Kottil W. Rammohan, MD

4:10-4:40 PM **Update on Neuromyelitis Optica**
Leticia Ternes, MD

4:40-4:55 PM **Case Presentations: Case 1**
Silvia R. Delgado, MD

4:55-5:10 PM **Case Presentations: Case 2**
Melissa R. Ortega, MD

5:10-5:40 PM **Panel Discussion: Multiple Sclerosis**
Silvia R. Delgado, MD
Micheline McCarthy, MD, PhD
Melissa Ortega, MD
Kottil W. Rammohan, MD
Leticia Ternes, MD

5:40 PM **Adjourn**

FRIDAY, JANUARY 19, 2018

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

MOVEMENT DISORDERS

Moderator: Carlos Singer, MD

8:00-8:25 AM **New Treatments for the Motor Fluctuations of Parkinson Disease**
Corneliu Luca, MD, PhD

8:25-8:30 AM **Q&A**

8:30-9:15 AM **KEYNOTE LECTURE: Functional Movement Disorders**
Anthony E. Lang, OC, MD

9:15-9:20 AM **Discussion and Q&A**

9:20-9:45 AM **New Treatments for Hyperkinetic Movement Disorders**
Henry P. Moore, MD

9:45-9:50 AM **Q&A**

9:50-10:20 AM **Coffee Break and Visit Exhibits**

10:20-10:45 AM **Treatment of Tremor: Pearls and Pitfalls**
Carlos Singer, MD

10:45-10:50 AM **Q&A**

10:50-11:35 AM **Video Session: Case Presentations and Discussion**
Moderator: Jason Margolevsky, MD
Presenters: Sagari R. Bette, MD and Danielle C. Spengler MD
Faculty Panel: Drs. Lang, Singer, Moore and Luca

11:35-12:30 PM **Lunch**

NEURO-ONCOLOGY

Moderator: Deborah O. Heros, MD, PhD

- 12:30-1:00 PM **Incorporating Gene Sequencing into Clinical Practice – Experience in Gliomas**
Antonio M. Omuro, MD
- 1:00-1:05 PM **Discussion and Q&A**
- 1:05-1:35 PM **FISH, Wingless, FLY1? What is the Catch in Tissue Diagnosis of CNS Tumors?**
Sakir "Hume" Gultekin, MD
- 1:35-1:40 PM **Discussion and Q&A**
- 1:40-2:10 PM **When Not to Operate on Brain Tumors**
Ricardo Jorge Komotar, MD
- 2:10-2:15 PM **Discussion and Q&A**
- 2:15-2:45 PM **Headache Diagnosis and Current Treatment Options: Case Presentations**
Teshamae Monteith, MD
- 2:45-2:50 PM **Discussion and Q&A**
- 2:50-3:20 PM **Coffee Break and Visit Exhibits**

NEUROMUSCULAR DISEASES

Moderator: D. Ram Ayyar, MD

- 3:20-3:45 PM **New Treatments for Neuromuscular Genetic Disorders**
Mario A. Saporta, MD, PhD, MBA
- 3:45-3:50 PM **Discussion and Q&A**
- 3:50-4:15 PM **Advanced Imaging of Peripheral Nerves**
Jean Jose, DO, MS
- 4:15-4:20 PM **Discussion and Q&A**
- 4:20-4:45 PM **Treatment Options for Immune-Mediated Neuropathies**
Mario A. Saporta, MD, PhD, MBA
- 4:45-4:50 PM **Discussion and Q&A**
- 4:50 PM **Adjourn**

SATURDAY, JANUARY 20, 2018

- 7:00-8:00 AM **Registration and Continental Breakfast**
- 7:50-8:00 AM **Welcome**
Jose G. Romano, MD
- 8:00-8:30 AM **Stroke Systems of Care**
Erika Marulanda-Londono, MD
- 8:30-8:40 AM **Q&A**
- 8:40-9:10 AM **Updates on Use of Thrombolysis for Acute Ischemic Stroke**
Amer Malik, MD
- 9:10-9:20 AM **Q&A**

- 9:20-9:50 AM **Update on Endovascular Therapy in Acute Ischemic Stroke**
Nils Mueller-Kronast, MD
- 9:50-10:20 AM **Coffee Break and Visit Exhibits**
- 10:20-10:50 AM **Selecting Patients for Endovascular Therapy Beyond 6 Hours**
Dileep Yavagal, MD
- 10:50-11:20 AM **Case Presentation and Panel Discussion on Endovascular Therapy**
Moderator: Keith De Sousa, MD
- 11:20-11:50 AM **Management of Stroke with Atrial Fibrillation**
Felipe de los Rios, MD
- 11:50-12:00 PM **Q&A**
- 12:00-12:40 PM **KEYNOTE: Atrial Cardiopathy and its Role in Cryptogenic Stroke**
Hooman Kamel, MD
- 12:40-12:50 PM **Q&A**
- 12:50-1:20 PM **Boxed Lunch**
- 1:20-2:00 PM **Stroke and Patent Foramen Ovale: Point / Counterpoint**
Seemant Chaturvedi, MD - Neurology
Eduardo De Marchena, MD - Cardiology
- 2:00-2:20 PM **Case Presentation and Panel Discussion on Stroke PFO Management**
Moderator: Jose G. Romano, MD
- 2:20-2:50 PM **Acute Management of Minor Stroke and Transient Ischemic Attack**
Negar Asdaghi, MD
- 2:50-3:00 PM **Q&A**
- 3:00-3:30 PM **Coffee Break and Visit Exhibits**
- 3:30-4:00 PM **Stroke Prevention and Maintaining Brain Health**
Ralph L. Sacco MD, MS
- 4:00-4:10 PM **Q&A**
- 4:10-4:40 PM **Medical Therapy of Intracerebral Hemorrhage**
Sebastian Koch, MD
- 4:40-5:10 PM **Surgical Treatment of Intracerebral Hemorrhage**
Robert M. Starke, MD
- 5:10-5:30 PM **Q&A/Panel on Intracranial Hemorrhage**
- 5:30-5:40 PM **Closing Remarks**
Jose G. Romano, MD
- 5:40 PM **Conference Adjourns**

NEUROLOGY UPDATE & STROKE INTENSIVE

HOTEL

INTERCONTINENTAL MIAMI

100 Chopin Plaza
Miami, FL 33131
Tel. 305-577-1000
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SPECIAL CONFERENCE RATE

A block of rooms has been reserved for conference participants at a discounted rate:

- US \$275/night + 13% tax/day for a Single/Double City View room (Up to 2 adults)
- US \$295/night + 13% tax/day for a Bayview room for a Single/Double (Up to 2 adults)

**A daily Hotel Service Fee of \$15/room per night, plus tax will be added to each individual room and includes:

- Premium high speed Internet
- 2 bottles of water in-room daily
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- Turndown service upon request
- In-room Keurig coffee and tea
- Access to spa sauna, steam, drench shower and relaxation rooms (20% discount off spa services when Neurology Update is mentioned)

The rate is guaranteed only until **December 27, 2017**. The hotel extends the group rate 3 days pre- and post-conference dates based on availability. After this date, reservation requests will be considered on a space-available basis.

RESERVATIONS

Room reservations will be made by individual attendees directly by calling (305) 577-1000 and requesting the **Neurology Update 2018 Conference group rate / Group Code: YQ4**.

All reservations must be received by the hotel no later than **December 27, 2017** and must be accompanied by a first night's room deposit or guaranteed with a major credit card. The Hotel will not hold any reservations unless secured by one of the aforementioned methods of payment. All reservations should be received no later than **December 18, 2017**. 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.

PARKING RATES

Valet Overnight Parking: \$42/night with in and out privileges

Valet Daily Conference Parking:

- Up to 4 hours: \$17.00
- After 4 hours: \$20.00

REGISTRATION FORM

2018

To register, please visit www.cme.med.miami.edu or complete this form and mail or fax (with payment) to:
University of Miami Miller School of Medicine
Division of CME (D23-3)
P.O. Box 016960
Miami, FL 33101-6960
Telephone: 305.243.6716 Fax: 305.243.5613



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Daytime Telephone _____ Fax: _____ Email: (mandatory) _____

TUITION:

	Before 12/28/17	As of 12/28/17	Onsite
☐ Physicians	\$740	\$790	\$835
☐ Nurses/Nurse Practitioners	\$415	\$465	\$515
☐ Allied Healthcare Professionals/Other	\$415	\$465	\$515
☐ Residents/Fellows	\$515	\$565	\$615
☐ Stroke Intensive Course only	\$390	\$440	\$490

*Continental Breakfast, coffee breaks, lunch and syllabus included in Registration fee.

PAYMENT METHOD:

☐ Check: Please make check payable to UM/Division of CME (Reference Account #PG 007109 on check)

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REGISTRATION CANCELLATION POLICY

Refunds will be made only if written notice of cancellation is received prior to **December 18, 2017**. 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 8, 2017** 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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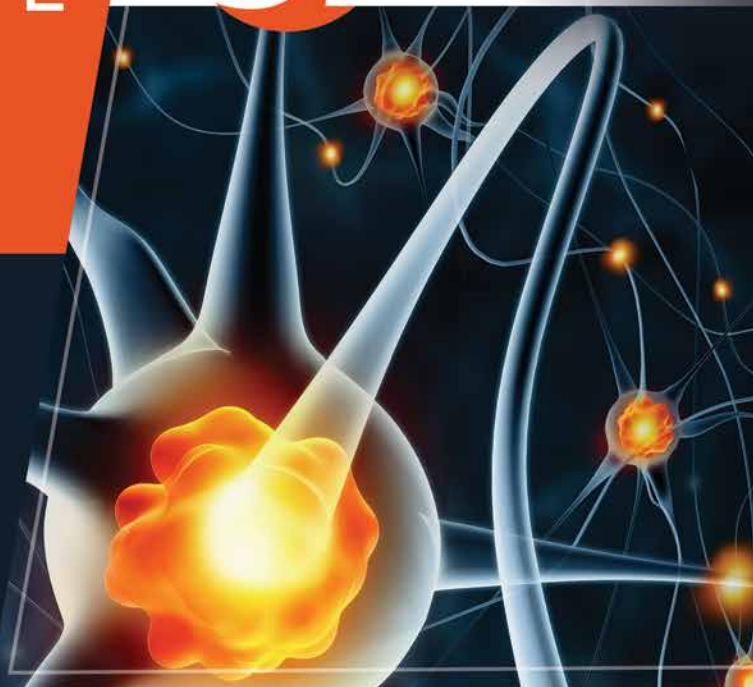


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