

PRACTICAL NEUROSCIENCE FOR THE NON-NEUROLOGIST

Friday, February 15, 2019 &
Saturday, February 16, 2019



BOCA RATON
REGIONAL HOSPITAL

MARCUS NEUROSCIENCE
INSTITUTE

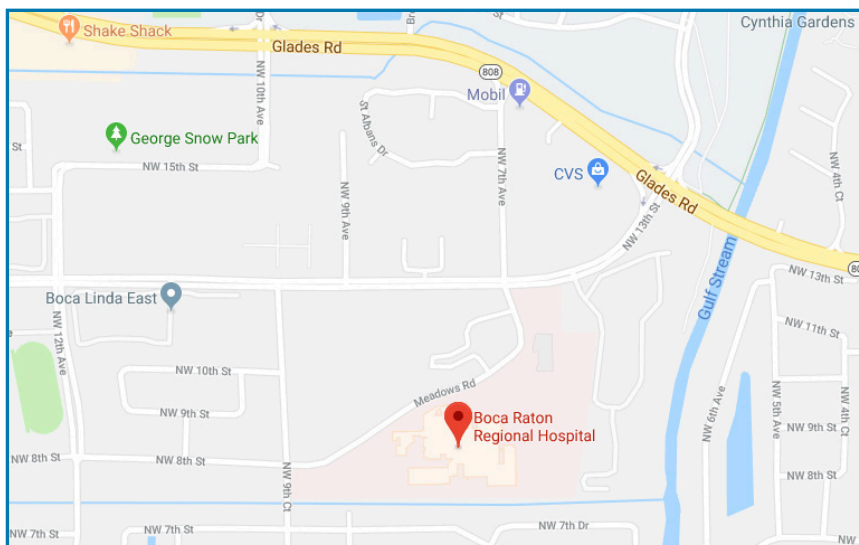
ABOUT US

The Marcus Neuroscience Institute at Boca Raton Regional Hospital is an innovative nexus for neurologic and neurosurgical care. The 57,000-square-foot facility houses a 20-bed Neuro Intensive Care and Step-Down Unit, four dedicated operating rooms — including one equipped with intraoperative MRI and two with intraoperative CT capability — and a biplane angiography suite, a crucial component in the diagnosis and care of neurological conditions. The Institute has a staff of five neurosurgeons and nine neurologists who represent some of the most respected clinicians in their fields and is affiliated with Florida Atlantic University's Charles E. Schmidt College of Medicine.

VENUE LOCATION

Dawson Theater

Boca Raton Regional Hospital
800 Meadows Road
Boca Raton, FL 33486



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COURSE DIRECTORS

Jonathan O. Harris, MD

Neurology
Marcus Neuroscience Institute

Patricio Espinosa, MD, MPH, FAAN

Chief of Neurology
Marcus Neuroscience Institute

Frank D. Vrionis, MD, MDH, PhD

Institute Director
Chairman, Department of
Neurosurgery
Marcus Neuroscience Institute

FACULTY

Joseph R. Berger, MD

Associate Chief of the Multiple
Sclerosis Division
Professor of Neurology at the
Hospital of Pennsylvania

Joshua J. Chalkley, DO

Neurology
Marcus Neuroscience Institute

Sajeel A. Chowdhary, MD

Director, Medical Neuro-Oncology
Marcus Neuroscience Institute

Alan R. Cohen, MD

Chief of Pediatric Neurosurgery
John Hopkins

Thomas C. Hammond, MD, FAAN

Neurology
Marcus Neuroscience Institute

Roy C. Katzin, M.D.

Neurology
Marcus Neuroscience Institute

Erich Emmanuel Menge, DC, PA

Chiropractor
Delray Beach, Florida

Timothy D. Miller Jr., MD

Director of Functional Neurosurgery
Marcus Neuroscience Institute

Milena Pavlova, MD

Assistant Professor of Neurology
Medical Director, Faulkner Sleep
Center
Harvard Medical School

Joshua B. Rothenberg, DO

Sports Medicine
Boca Raton Regional Hospital

Brian M. Snelling, MD

Neurosurgery and Endovascular
Neurosurgery
Marcus Neuroscience Institute

Marc A. Swerdloff, MD

Neurology
Marcus Neuroscience Institute

Sameea Husain-Wilson, DO

Director, Movement Disorder
Neurology
Marcus Neuroscience Institute

Lloyd Zucker, MD, FAANS

Neurosurgery
Marcus Neuroscience Institute

AGENDA | Friday, February 15, 2019

11:30am – 12:00pm	Registration/Exhibits	3:15pm – 3:45pm	Functional Neuroanatomy for the Non-Neurologist <i>Brian M. Snelling, MD</i>
12:00pm – 12:15pm	Welcome and Introduction	3:45pm – 4:15pm	Numbness and Tingling/Peripheral Neuropathy <i>Marc A. Swerdloff, MD</i>
12:15pm – 12:30pm	Marcus Neuroscience Institute <i>Frank D. Vrionis, MD, PhD</i>	4:15pm – 4:45pm	Multiple Sclerosis <i>Joshua J. Chalkley, DO</i>
12:30pm – 1:00pm	Headaches and Migraine <i>Roy C. Katzin, MD</i>	4:45pm – 5:00pm	Discussion Panel and Questions
1:00pm – 1:30pm	Tremors <i>Sameea Husain-Wilson, DO</i>	5:00pm – 6:00pm	Sleep — What is it and Why Can't I Sleep <i>Milena Pavlova, MD</i>
1:30pm – 1:45pm	Panel Discussion and Questions	6:00pm – 8:00pm	Cocktail Reception at the Marcus Neuroscience Institute
1:45pm – 2:15pm	Memory Loss and the Diagnosis of Common Dementias <i>Jonathan O. Harris, MD</i>		
2:15pm – 2:45pm	Normal Pressure Hydrocephalus, Diagnosis and Management <i>Jonathan O. Harris, MD</i> <i>Frank D. Vrionis, MD, PhD</i>		
2:45pm – 3:00pm	Louis and Anne Green Memory & Wellness Center <i>Maria de los Angeles Ordonez, DNP, ARNP-BC</i>		
3:00pm – 3:15pm	Break		

AGENDA | Saturday, February 16, 2019

7:00am – 7:30am	Registration	1:15pm – 1:45pm	Appropriate Imaging — What Should I Order? <i>Brian A. Fletcher, MD</i>
7:30am – 7:45am	Introduction <i>Patricio S. Espinosa, MD</i>	1:45pm – 2:45pm	Neurological Complications of Herpes Viruses <i>Joseph R. Berger, MD</i>
7:45am – 8:15am	Surgical Management of Parkinson’s Disease and Other Tremors <i>Lloyd Zucker, MD</i>	2:45pm – 3:15pm	Back and Neck Pain — Causes and Initial Evaluation <i>Joshua B. Rothenberg, DO</i>
8:15am – 8:45am	Recognition and Acute Management of Different Types of Stroke <i>Thomas C. Hammond, MD</i>	3:15pm – 3:30pm	Break
8:45am – 9:15am	ICH/ Aneurysms and AVMs <i>Brian M. Snelling, MD</i>	3:30pm – 4:00pm	Medical Management of Neck and Back Pain <i>Erich Emmanuel Menge, DC, PA</i>
9:15am – 9:30am	Panel Discussion and Questions	4:00pm – 4:30pm	Surgery for Spinal Disorders <i>Frank D. Vrionis, MD</i>
9:30am – 10:00am	Recognition and Acute Management of Different Types of Seizures <i>Patricio S. Espinosa, MD</i>	4:30pm – 5:00pm	Medical Devices for Management of Back Pain <i>Timothy D. Miller, MD</i>
10:00am – 10:15am	Break	5:00pm – 5:30pm	Stem Cell Therapies <i>Joshua B. Rothenberg, DO</i>
10:15am – 10:45am	Evaluation and Initial Management of Brain Tumors <i>Sajeel A. Chowdhary, MD</i>	5:30pm – 5:45pm	Discussion Panel and Questions
10:45am – 11:00am	Discussion Panel and Questions	5:45pm – 6:00pm	Concluding Remarks Adjournment
11:00am – 12:00pm	Art of Neurosurgery <i>Alan R. Cohen, MD</i>		
12:00pm – 1:15pm	Lunch		

WELCOME

On behalf of Organizing Committee, it is our pleasure to invite you to attend the Marcus Neuroscience Institute: Practical Neuroscience for the Non-Neurologist Conference which addresses the continuously enlarging field of Neuroscience and Neurosurgery.

Statement of Need

The anatomy and physiology of the brain, central and peripheral nervous systems are complex and incompletely understood. Similarly, the disorders of these systems are thus usually also complex and incompletely understood. Neurology and neurosurgery are the medical disciplines that evaluate and treat disorders of the central and peripheral nervous system. The non-Neuroscientist is faced by patients daily with neurological or neurosurgical complaints of which they need to have a basic understanding and address. There is a need for them to expeditiously recognize the signs and symptoms of common neurologic problems and to be able to determine which of these signs and symptoms indicates an emergent problem which needs to be treated emergently to prevent permanent injury to the central or peripheral nervous system.

Acute stroke, seizures, and infections of the central nervous system are some examples of emergent neurologic or neurosurgical problems that the primary physician or nurse practitioner needs to be able to recognize quickly to triage the patient to the emergency room. Similarly, they need to know which neurologic signs and symptoms are "safe" to evaluate and manage on their own and which require referral for neurologic or neurosurgical evaluation and further management.

Educational Objectives

Upon completion of this seminar, participants should be able to:

- » Explain the basic neuroanatomy in order to understand the signs and symptoms of neurological & neurosurgical disorders
- » Discuss the basic signs and symptoms of common neurologic disorders
- » Describe which signs and symptoms of neurologic disorders indicate the need for emergent evaluation and treatment order
- » Explain how to order the proper test for basic neurologic problems

- » Discuss the basic treatments for common neurologic and neurosurgical disease
- » Gain an understanding of basic neurosurgical procedures.

Outcomes

- » Practitioners will benefit from the information provided in this conference, which would then translate into improved clinical outcomes;
- » As knowledge about the disorders of the nervous system rapidly increases, advances in diagnosis and treatment of neurological and neurosurgical diseases need to be disseminated to the non-neurologist and non-neurosurgeons.

Suggested Participants

- Family Care Physicians, Primary Care Physicians
- Internal Medicine Physicians
- Other Non Neuro Specialists
- Residents
- ARNP
- PA
- Medical Students
- Other health professionals interested in refreshing their knowledge in Neurology and Neurosurgery.

Accreditation Statement

Boca Raton Regional Hospital is accredited by the Florida Medical Association to provide continuing medical education for physicians. Boca Raton Regional Hospital takes responsibility for the content, quality and scientific integrity of this CME activity.

Continuing Education Credit

Boca Raton Regional Hospital designates this Live Activity for a maximum of 15.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity. This activity also approved for 15.0 CEU Nursing Credits.



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Continuing Medical Education (CME) Credit: Boca Raton Regional Hospital is accredited by Florida Medical Association to provide continuing medical education for physicians. Boca Raton Regional Hospital designates live activity for a maximum 15.0 AMA PRA Category 1 Credit(s)[™]. Physician should only claim credit commensurate with the extent of their participation in the activity. The faculty and activity committee indicate that they have no relevant financial relationship with any commercial interest to disclose. Boca Regional has determined that there are no conflict of interest for this presentation.

Policy on Faculty and Provider Disclosure

It is the policy of Boca Raton Regional Hospital that the faculty and providers disclose real or apparent conflicts of interest relating to the topics of this educational activity, as well as disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). Boca Raton Regional Hospital CME Committee has established policies in place that will identify potential conflicts of interest are thoroughly vetted by Boca Raton Regional Hospital for fair balance and scientific objectivity. CME Committee will resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the course handout materials.

Americans with Disabilities Act (ADA)

Boca Raton Regional Hospital fully complies with the legal requirements of the ADA and the rules and regulations thereof. Please notify us at 561.955.4088 if you have any special needs.

Educational Grants

At the time of this printing, a complete list of commercial supporters was not available. Acknowledgment will be given to all supporters at the conference.

CONFERENCE REGISTRATION

Name _____

Address _____

City _____ State _____ Zip _____

Office Phone _____ Fax _____

Email _____

Specialty _____

Institution/Organization _____

BRRH Physician # _____

Employee # _____

Boca Regional Physicians may fax their form to 561.955.4825.

Ways to Register

- Fill out form on the left
Mail your form and your check
- Visit BRRH.com/MNI2019 to register. Payment can be made by check or credit card. Checks should be made payable to the BRRH CME Fund. Credit card payment instructions can be found on the bottom of the registration page online.

Rana Dole, CME Coordinator
c/o CME Office
Boca Raton Regional Hospital
800 Meadows Road
Boca Raton, FL 33486

Registration Fee

The registration fee is \$99 for non-Boca Regional physicians and \$49 for non-Boca Regional Healthcare Professionals. Payments must be cash or check made payable to BRRH CME Fund.



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