2nd Annual Neurosurgery Symposium

November 3, 2018
Cleveland Clinic Florida David G. Jagelman, MD Conference Center Weston, FL

Register Today! ccfcme.org/Neuro2018
The course will address pathologies across the spectrum of neurosurgery including spinal and cranial disorders related to vascular diseases, central nervous system tumors, movement disorders and epilepsy. The program will focus on significant clinical challenges managed by neurosurgeons together with partners in neuro-imaging, neurology, oncology, otolaryngology, and radiation oncology. An evidence-based approach in the management of complex intrinsic and skull-based tumors, spinal pathology, cerebro-vascular diseases, epilepsy and movement disorders will be adopted.

By Attending, You Will Be Able To:

- Discuss indications and outcomes of microsurgical and endoscopic approaches to the skull base specifically to the anterior skull base, cavernous sinus and jugular foramen
- Apply understanding of white matter fiber anatomy to the treatment of intrinsic brain tumors in eloquent areas and the limbic system
- Identify the most recent advances in endovascular stroke therapies
- Describe the latest knowledge on the natural history of arterio-venous malformations and the role of resection or embolization in the prevention of subarachnoid hemorrhage
- Recognize new techniques for the treatment of spinal pathologies.
- Define current workup of patients with intractable seizures.
- Discuss current surgical techniques, including neuromodulation therapies, indicated for the treatment of medically refractor epilepsy.
- Describe current surgical treatment strategies indicated for the treatment of movement disorders.

Join us at the 2nd Annual Neurosurgery Symposium

Activity Director

Badih Adada, MD, FRCS(c), FACS
Department Chair, Neurological Surgery
Director, Neuroscience Institute
Cleveland Clinic Florida

Who Should Attend

Neurosurgeons
Neurologists
ENT
Neuroradiologists
Radiation oncologists
Neuro-oncologists
Endocrinologists
Residents
Physician Assistants & Nurses in the field

Guest Faculty

Daniel Shedid, MD
Neurosurgeon
University of Montreal
Montreal, Canada

Cleveland Clinic Faculty

Mark Bain, MD
Program Director, Cerebrovascular Neurosurgery Fellowship
Cleveland, OH

Gene Barnett, MD, MBA
Vice-Chairman, Department of Neurological Surgery
Director, Burkhardt Brain Tumor and Neuro-Oncology Center
Director, Gamma Knife Center
Associate Dean, Faculty Affairs
Cleveland, OH

Bruno Bastos, MD
Staff, Hematology and Medical Oncology
Weston, FL

Fabien Candocia, MD
Staff, Radiology
Weston, FL

Elias Dakwar, MD
Associate Staff, Neurological Surgery
Weston, FL

Camillo Garcia, MD
Staff, Epilepsy Center
Weston, FL

Jorge Gonzalez-Martinez, MD, PhD
Staff, Epilepsy Center
Cleveland, OH

John Greskovich, Jr., MD
Medical Director, Radiation Oncology
Weston, FL

Sassan Keshavarzi, MD
Associate Staff, Neurological Surgery
Weston, FL

Varun Kshettry, MD
Associate Staff, Brain Tumor and Neuro-Oncology Center
Cleveland, OH

Mihir Naik, DO
Radiation Oncology
Weston, FL

Michal Obrzut, MD
Staff, Neurological Surgery
Weston, FL

Efrain Salgado, MD
Director of the Cleveland Clinic Florida Stroke Center and Neurosonology Laboratory
Director of the Neurology Residency Training Program
Weston, FL
Saturday, November 3, 2018

7:00 am  Registration. Continental Breakfast, and Exhibits

7:55 am  Welcome and Introductions
           Badih Adada, MD

8:00 am  Current Challenges in Skull Base Pathologies
           Badih Adada, MD

8:20 am  Endoscopic Surgery of the Skull Base: Anatomy and Surgical Approaches
           Varun Kshettry, MD

8:40 am  Radiosurgery for Skull Base Pathologies: Indications and Outcomes
           John Greskovich, Jr., MD

9:00 am  Questions & Discussion

9:10 am  Surgical Strategies in the Management of Intrinsic Brain Tumors
           Gene Barnett, MD, MBA

9:30 am  Classification and Medical Treatment of Glial Brain Tumors
           Bruno Bastos, MD

9:50 am  Advanced Imaging of Intrinsic Brain Tumors
           Fabien Candocia, MD

10:10 am Questions & Discussion

10:20 am Refreshment Break and Visit Exhibits

10:40 am Hemorrhagic Stroke: Current Treatment Strategies
           Mark Bain, MD

11:00 am Endovascular Management of Ischemic Stroke
           Michal Obrzut, MD

11:20 am IV tPA and Mechanical Thrombectomy or Just Thrombectomy Alone
           Efrain Salgado, MD

11:40 am Questions & Discussion

12:00 pm Lunch

1:00 pm  Preoperative Workup of Patients with Intractable Seizures
           Camillo Garcia, MD

1:20 pm  Invasive Monitoring Technics and Surgical Options for Patients with Intractable Epilepsy
           Jorge Gonzalez-Martinez, MD

1:40 pm  Surgical Treatment of Limbic and Para-Limbic Lesions
           Badih Adada, MD

2:00 pm  Questions & Discussion

2:10 pm  Adult Degenerative Scoliosis: Measurements, Evaluation and Classification
           Sassan Keshavarzi, MD

2:30 pm  Spinal Osteotomies for Correction of Sagittal and Coronal Imbalance
           Elias Dakwar, MD

2:50 pm  The Role of Lateral Lumbar Interbody Fusion in the Treatment of Adult Degenerative Scoliosis
           Daniel Shedid, MD

3:00 pm  Questions & Discussion

3:20 pm  Refreshment Break and Visit Exhibits

3:40 pm  Cervical Disk Arthroplasty vs ACDF: Review and Update of the Literature
           Elias Dakwar, MD

4:00 pm  Tandem Spinal Stenosis: Evaluation and Management of Patients with Concurrent Lumbar and Cervical Spine Spondylotic Disease
           Sassan Keshavarzi, MD

4:20 pm  Questions & Discussion

4:30 pm  Surgical Management of Spine Tumors: Role and Techniques
           Elias Dakwar, MD

4:50 pm  Conventional Radiotherapy and Radiosurgery in the Management of Spine Tumors
           Mihir Naik, DO

5:10 pm  Questions & Discussion

5:30 pm  Adjourn
General Information

Location
Cleveland Clinic Florida
David G. Jagelman Conference Center
2950 Cleveland Clinic Blvd
Weston, FL 33331

Hotel Accommodations
Attendees are responsible for making their own hotel reservations. Be sure to ask for the Cleveland Clinic Florida Corporate rate. Some of the hotels provide complimentary transportation to and from Cleveland Clinic Florida. Suggested area hotels are:

Marriott Courtyard
2000 North Commerce Parkway
Weston, Florida
(954) 343-2225
Reservation: (888) 236-2427
www.courtyard.com

Residence Inn Suites by Marriott
2605 Weston Road
Weston, FL 33326
954.659.8585
Reservation: 888.236.2427
www.residenceinn.com

Comfort Suites
2201 North Commerce Parkway
Weston, FL 33326
(954) 659-1555
Reservations: 877.424.6423
www.comfortsuites.com

Townplace Suites by Marriott
1545 Three Village Road
Weston, Florida
954.659.2234
Reservation: 888.236.2427
www.towneplace.com

Bonaventure Resort & Spa
250 Racquet Club Road
Weston, Florida 33326
954.389.3300
Reservations: 800.327.8090
www.bonaventureresortandspa.com

Parking
Complimentary self-parking is available at Cleveland Clinic Florida. Valet parking is available at both the hospital and clinic entrances.

Information
For further information about this activity, contact the Cleveland Clinic Center for Continuing Education.
Local: 954.659.5490
Website: www.ccfcme.org/Neuro2018

Accreditation
The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Approval by the Florida Board of Nursing, NCE Provider #2334, for 7.75 contact hours. Each nurse should claim only those hours that he/she actually spent in this activity. To receive credit, nurses are required to provide: license number, completed course evaluation, and completed attendance record form.

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.

Faculty Disclosure
The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act
The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

Recording or reproducing of this activity in any format is prohibited.
Register Online: ccfcme.org/Neuro2018

Fee includes: Continental breakfast, refreshment breaks, lunch, syllabus and faculty PowerPoint presentations in a PDF format.

**Fees**

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<tr>
<td>Physician</td>
<td>$300</td>
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<tr>
<td>Non Physician</td>
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<tr>
<td>Cleveland Clinic Alumnus</td>
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<td>Resident*/Fellow*</td>
<td>$250</td>
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<tr>
<td>Nurses</td>
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<td>Medical Students</td>
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*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.

Visit [www.ccfcme.org/Neuro2018](http://www.ccfcme.org/Neuro2018) for complete registration information.

**Registration and Cancellation**

Preregistrations are accepted until 2:00 pm ET Thursday, November 1, 2018. Register on site after this date. In case of cancellation, a full refund will be made if canceled by Monday, October 15, 2018 After Monday, October 15, 2018, a $100 cancellation fee will be deducted from your refund. Email notification of your cancellation by Monday, October 15, 2018 is required to process your refund.

For questions about registration or cancellation, email us at cmeregistration@ccf.org or call 216.448.8710.

*Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.*
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