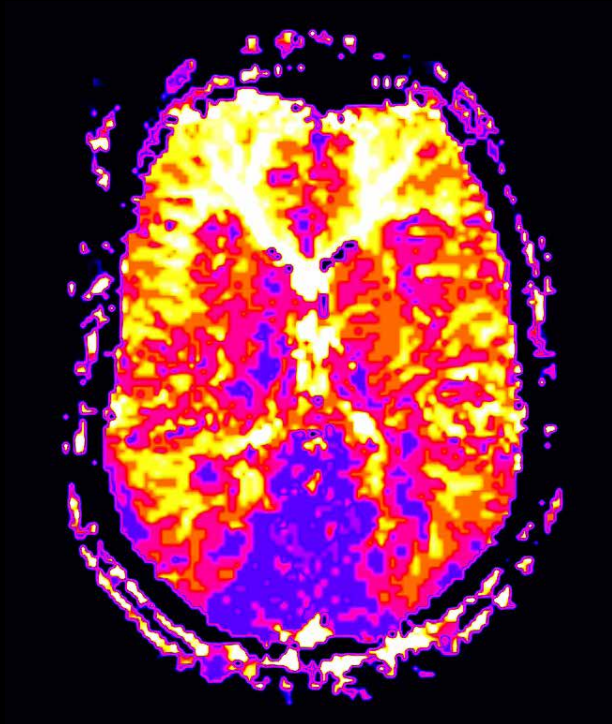


2019 Neurology Update – A Comprehensive Review for the Clinician

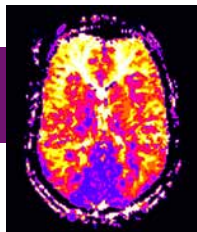
Featuring up to 17 ABPN Approved
Self-Assessment MOC Credits

August 2-4, 2019

The Ritz-Carlton, Washington DC



Welcome



About the Course

Welcome to the 10th Annual Cleveland Clinic Neurology Update. On behalf of the Neurological Institute at the Cleveland Clinic we would like to welcome you to our annual course and hope you find it valuable in your continuing care of patients with neurological disease. We are excited to bring you a clinically focused review course covering many areas of neurology. Once again this year we have incorporated smaller group breakout sessions for a more connected interaction and experience. The 3 breakouts will focus on headache management, movement disorders, and multiple sclerosis. All course participants will have a chance to attend each session, but the breakout method will allow more give-and-take with the speakers. The course will also continue to offer Self-Assessment credits approved by the American Board of Psychiatry and Neurology for Maintenance of Certification mandated by ABMS.

This year we will talk about stroke including the critical first 24 hours and what to do about cryptogenic stroke. We have added a topic on unresponsive wakefulness and minimally conscious state this year. Topics in neuromuscular disease (peripheral neuropathy and myopathies), epilepsy (newer anti-epileptic drugs and epilepsy cases) and neuroradiology (brain and spine) will be presented. We will also have speakers talk about dementia behavior management and the major non-Alzheimer disease dementias, as well as pediatric topics and information on neuro-oncology and sleep medicine. As always we try to have an interactive, case based approach to these topics to make this more interesting and memorable.

See you in Washington!

Alex Rae-Grant, MD, FRCP(C), FAAN

Course Co-Director

Glen Stevens, DO, PhD, FAAN

Course Co-Director

Target Audience

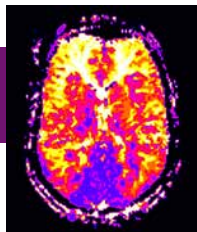
This course is directed towards neurologists, internists and family practice physicians, physician assistants, nurses and others involved in the diagnosis and treatment of neurological disorders.

Objectives

Upon completion of this activity, the participant will be able to:

- List the mode of action, efficacy, and side effect profiles of available antiepilepsy drugs and indicate their best use in clinical practice.
- Highlight advances in the diagnostic evaluation of strokes that have reduced the percentage of strokes classified as cryptogenic.
- Detail the best evidence-based approaches to diagnosis and management of common neurologic disorders that occur in pediatric patients.
- Describe the impact of recent clinical evidence on multiple sclerosis disease management strategies.
- Identify the neuroradiology innovations that have the potential to improve identification of brain and spinal cord malformations.
- Summarize the most recent approaches to diagnosis and treatment of various dementias.
- Critically appraise newer modalities for headache prevention.
- Highlight newer approaches to treatment of Parkinson disease.

Faculty



Cleveland Clinic Course Co-Directors

Alex Rae-Grant, MD, FRCP(C), FAAN

Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Mellen Center for Multiple Sclerosis Treatment
and Research
Neurological Institute

Glen Stevens, DO, PhD, FAAN

Section Head, Rose Ella Burkhardt Brain Tumor
and Neuro-Oncology Center
Neurological Institute

Guest Faculty

Stewart J. Tepper, MD, FAHS

Professor of Neurology
Geisel School of Medicine at Dartmouth
Hanover, NH

Jinny Tavee, MD

Medical Director, Neuromuscular Division
Associate Professor, Feinberg School of Medicine
Northwestern University
Chicago, IL

Cleveland Clinic Faculty

Pravin George, DO

Assistant Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Associate Program Director
Neurocritical Care Fellowship Program
Staff, Cerebrovascular Center
Neurological Institute

Gary Hsieh, MD

Clinical Assistant Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Staff, Center for Pediatric Neurosciences
Neurological Institute

Le Hua, MD

Assistant Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Staff, Cleveland Clinic Lou Ruvo Center for Brain
Health - Las Vegas
Neurological Institute

Lara Jehi, MD

Associate Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Staff, Epilepsy Center
Neurological Institute

Daniel Lockwood, MD

Assistant Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Staff, Diagnostic Radiology
Imaging Institute

Gabor Toth, MD, FAHA

Associate Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Staff, Cerebrovascular Center
Neurological Institute

Harneet Walia, MD, FAASM

Associate Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
Staff, Sleep Disorders Center
Neurological Institute

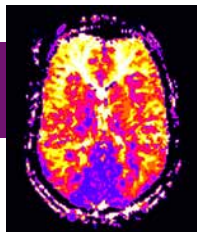
Dylan Wint, MD

Clinical Assistant Professor
Cleveland Clinic Lerner College of Medicine of
Case Western Reserve University
NV Energy Chair for Brain Health Education
Cleveland Clinic Lou Ruvo Center for Brain Health
– Las Vegas
Neurological Institute

Xin Xin Yu, MD

Associate Staff, Center for Neuro-Restoration
Neurological Institute

Agenda



Friday, August 2, 2019

- 7:00 am** **Registration/Continental Breakfast/Exhibits/SAE Paper Pre-Test**
- 8:00 am** **Introduction** – Alex Rae-Grant & Glen Stevens – SALON I
- 8:10 am** **Stroke: The First 24 Hours** – Gabor Toth
- 8:50 am** **Cryptogenic Stroke Evaluation and Management** – Gabor Toth
- 9:10 am** **Unresponsive Wakefulness and Minimally Conscious State**
Pravin George
- 9:50 am** **Refreshment Break & Exhibits**
- 10:10 am** **Peripheral Neuropathy: A Case Based Approach** – Jinny Tavee
- 10:50 am** **Myopathies** – Jinny Tavee
- 11:30 am** **Historical Vignette and Panel Discussion/Q&A**
Alex Rae-Grant, Glen Stevens, Gabor Toth, Pravin George and Jinny Tavee
- 12:00 pm** **Buffet Lunch** – SALON II
- 1:00 pm** **Review of Newer Anti-epileptic Drugs (AEDs)** – Lara Jehi
- 1:50 pm** **Epilepsy Cases** – Lara Jehi
- 2:30 pm** **Epilepsy Q&A** – Lara Jehi
- 2:40 pm** **Refreshment Break & Exhibits**
- 3:00 pm** **Neuro Jeopardy** – Alex Rae-Grant
- 4:05 pm** **Adjourn**

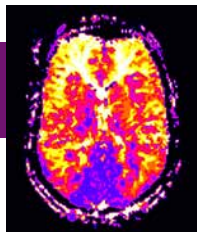
ABPN Self-Assessment

The American Board of Psychiatry and Neurology has reviewed the 2019 Neurology Update – A Comprehensive Review for the Clinician 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. Approved for 17 Category 1 CME credits for Self-Assessment.

You will be sent a PDF of the pre-test via email prior to the course to complete as your self-assessment. The answers to the test questions will be addressed during the lectures using the Audience Response System.

Sign-in is required each day for SA credit.

Agenda



Saturday, August 3, 2019

7:30 am Registration/Continental Breakfast/Exhibits

Interactive Case-based Breakout Sessions

Attendees will be assigned to a room and the speakers will rotate through discussing each topic below.

Topics: **Headache Management Cases** – *Stewart Tepper*
 Movement Disorders Management Cases – *Xin Xin Yu*
 Multiple Sclerosis Management Cases – *Le Hua*

8:00 am Breakout Session Introductions – General Session Room – SALON I

8:10 am Breakout Session 1

9:10 am Breakout Session 2

10:10 am Refreshment Break

10:30 am Breakout Session 3

11:30 am Audience Response Questions & Answers from Breakout Sessions
SALON I

11:50 am Lunch Buffet – SALON II

12:50 pm Neuroradiology: Brain Cases – *Daniel Lockwood*

1:30 pm Neuroradiology: Spine Cases – *Daniel Lockwood*

2:10 pm Refreshment Break & Exhibits

2:30 pm Diagnosing Non-Alzheimer Dementias – *Dylan Wint*

3:10 pm Behavioral Management in Dementia – *Dylan Wint*

3:50 pm Historical Vignette and Panel Discussion/Q&A
Glen Stevens, Daniel Lockwood and Dylan Wint

4:20 pm Adjourn

Sunday, August 4, 2019

7:30 am Registration/Continental Breakfast/Exhibits

8:00 am Pediatric Neurology Common Issues – *Gary Hsich*

8:40 am Pediatric Neurology Cases – *Gary Hsich*

9:20 am Neurology Consult Cases – *Glen Stevens*

10:00 am Refreshment Break & Exhibits

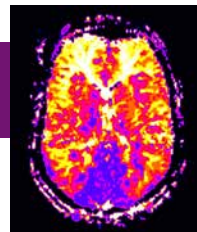
10:20 am Neuro-oncology: A Case-Based Approach – *Glen Stevens*

11:00 am Sleep Medicine Update – *Harneet Walia*

11:40 am Historical Vignette and Panel Discussion/Q&A
Alex Rae-Grant, Glen Stevens, Gary Hsich and Harneet Walia

12:00 pm Adjourn

General Information



Location

The Ritz-Carlton, Washington DC
1150 22nd Street, NW
Washington, DC 20037
Phone: 202.835.0500

Hotel Accommodations

A block of rooms has been reserved at The Ritz-Carlton, Washington DC. To make your reservation, contact the hotel directly at 202.835.0500 or 1.800.558.9994 and mention the “Cleveland Clinic Neurology Update” to receive the special rate of \$260 per night plus tax. You may also make your reservation online at www.ritzcarlton.com using code CCNCCNA (Single) or CCNCCND (Double). To secure the course rate, you must make your reservation by Monday, July 8, 2019.

The Ritz-Carlton is:

- 40 minutes east of Dulles International Airport
- 10 minutes (4.2 miles) north of Ronald Reagan Washington National Airport
- 10 minutes from the White House, the Smithsonian museums and many other historic sites

Parking

Discounted parking is available at The Ritz-Carlton, Washington DC for a special course rate of \$40.00 for overnight valet and \$32.00 for day valet parking (up to 12 hours). A self-parking garage is also available at the hotel and rates vary.

Information

For further information about this activity, contact Shana Spade at
Phone: 216.444.9380 or 800.223.2273 x49380
Email: spades@ccf.org

Faculty Disclosure Statement

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.

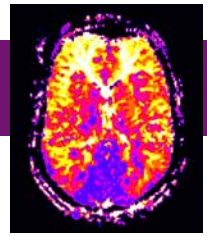
Americans with Disabilities Act

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 Shana Spade at 216.444.9380 or spades@ccf.org at least two weeks prior to the activity.

Faculty Presentations

Faculty presentation slides will be available online in PDF format. You will have access prior to the activity to allow you to download or print the slides.





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 17 *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.

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

Registration and Cancellation Information

Course #: 02011198

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Payment must be received prior to admittance to the course. Purchase orders are not accepted.

Register at: www.ccfcmc.org/NeuroUpdate19

COURSE FEES

Registration includes online syllabus, continental breakfasts, refreshment breaks and two buffet luncheons

Physician	☐ \$545.00
Active Duty Military	☐ \$445.00
Resident*/Fellow*	☐ \$445.00
Cleveland Clinic Alumnus	☐ \$495.00
Non-Physician	☐ \$445.00

*Letter from Program Director or Chairman must be received in our office prior to the course to receive this fee.

Preregistrations are accepted online until 5:00 PM ET, Monday, July 29, 2019. To register after this date, please do so onsite. In case of cancellation, a full refund will be made if canceled by July 19, 2019. After July 19, 2019, a \$50 cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund. **NO REFUNDS WILL BE ISSUED AFTER July 26, 2019.**

For questions about registering online, call 216.448.8710 or email cmeregistration@ccf.org

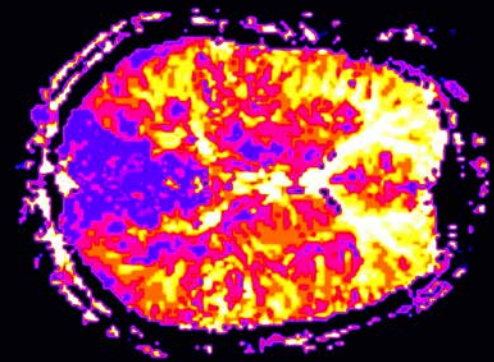
Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone activity in our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets,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



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