

Neurology in Clinical Practice Online 2020 - Online

Activity Description

This online CME course provides a comprehensive, evidence-based review in recent advances in the evaluation, diagnosis, treatment and management of neurological disorders. The course consists of case-based presentations that serve as a primer of common neurological clinical problems.

Target Audience

This activity is appropriate for providers who see patients with neurologic disease including: neurologists, psychiatrists, primary care physicians including internists and family care practitioners, and allied health personnel including nurse practitioners, physician assistants and nurses.

Learning Objectives

Upon conclusion of this activity, participants should be able to:

- Utilization of this Mayo Clinic online (enduring materials) course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be in this course.
- Assess diagnosis and management of common neurological disorders
- Distinguish the potential etiologies of cerebrovascular diseases, headache, dementia, movement disorders, epilepsy, multiple sclerosis, and neuromuscular diseases
- Develop an appropriate treatment plan for cerebrovascular diseases, headache, dementia, movement disorders, epilepsy, multiple sclerosis, and neuromuscular diseases
- Compare benefits and risks of different therapies of treatment of seizures
- Recognize different treatment options for patients with spine diseases
- Formulate a plan for patients with nervous system malignancies and paraneoplastic
- Recognize and treat different types of neurologic infectious diseases
- Formulate an algorithm for evaluating patients with peripheral neuropathy, neuromuscular junction disorders, and ALS
- Develop palliative care and pain management strategies in neurologic diseases
- Recognize the difference between primary and secondary headache syndromes

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Accreditation Statement



In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Credit Statement(s)

AMA

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 19.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ANCC

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 19.00 ANCC nursing contact hours. Nurses should claim only the credit commensurate with the extent of their participation in the activity

AOA

This program has been accredited by the American Osteopathic Association for 19.00 credits of AOA Category 2-A.

Other Healthcare Professionals

A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies or other professional associations.

Disclosure Summary

As a provider accredited by Joint Accreditation Interprofessional Continuing Education, Mayo Clinic College of Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these relevant financial relationships will be published in activity materials so those participants in the activity may formulate their own judgments regarding the presentation.

Listed below are individuals with control of the content of this program who have disclosed...

Relevant financial relationship(s) with industry:

Fred Michael Cutrer, M.D.	Consultant	Biohaven Pharmaceuticals
Neill Graff-Radford, M.D.	Grant/Research Support	Engaged in multicenter studies funded by Lilly, Biogen, Abbvie and Esai
Shyamal Mehta, M.D., Ph.D.	Consultant	Adamas Pharmaceuticals, Kyowa Kirin, Abbott, Lundbeck, Neurocrine, CNS Ratings
Ronald Petersen, M.D., Ph.D.	Consultant	Roche, Inc.; Merck, Inc.; Biogen, Inc.; Eisai, Inc.; Genentech, Inc. (Data Monitoring Committee)
Joseph Sirven, M.D.	Grant/Research	UCB
	Consultant	American Academy of Neurology, Editor- in chief Brain & Life en Espanol
Eric Sorenson, M.D.	Other Grant/Research	Federal Aviation Administration Biogen and Cytokinetics in the form of Clinical trial research support
Juliana VanderPluym, M.D.	Consultant	Teva, Healint
Dean Wingerchuk, M.D.	Grant Consultant	Amgen, Electocore MedImmune, Novartis, Biogen, Celgene, Genentech, TG Therapeutics, Arcus Medica, Third Rock Ventures, Reistone
	Grant/Research	Alexion and TerumoBCT

No relevant financial relationship(s) with industry:

Allen Aksamit, M.D.	Neeraj Kumar, M.D.
Farwa Ali, M.D.	Alfonso (Sebastian) Lopez Chiriboga, M.D.
William Cheshire, M.D.	Katherine H. Noe, M.D., Ph.D.
H. Gordon Deen, M.D.	Ashley Pena, M.D.
Brynn Dredla, M.D.	Maisha Robinson, M.D.
Eric Eggenberger, M.D., Ph.D.	Todd Rozen, M.D.
Anteneh Feyissa, M.D.	Devon Rubin, M.D.
Julie Hammack, M.D.	Eugene L. Scharf, M.D.
Josephine F. Huang, M.D.	Jason Siegel, M.D.
Mark Keegan, M.D.	James Watson, M.D.
Julie Khoury, M.D.	Bryan Woodruff, M.D.

References to off-label and/or investigational usage(s) of pharmaceuticals or instruments in their presentation:

H. Gordon Deen, M.D.	Medtronic	Infuse/bone morphogenetic protein
Ashley Pena, M.D.	Quetiapine Clozapine Donepezil Memantine Clonazepam Pregabalin	Generic medication for off label use
Eugene L. Scharf, M.D.	AstraZeneca	Ticagrelor
Juliana VanderPluym, M.D.	There are no FDA approved treatments for concussion.	Discussion of off-label use will be indicated as such.
James Watson, M.D.	Multiple pharmacologic treatments will be discussed	Off label treatment of neuropathic pain with disclosure
Bryan Woodruff, M.D.	Multiple	Cholinesterase inhibitors
	Multiple	Memantine

For disclosure information regarding Mayo Clinic School of Continuous Professional Development accreditation review committee member(s) please visit: <https://ce.mayo.edu/content/disclosures>.

Mayo Disclaimer

Participation in this Mayo Clinic educational activity does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course. You should be aware that substantive developments in the medical field covered by this recording may have occurred since the date of original release.

Prerequisites for Participation

There are no prerequisites needed prior to participating in this education activity.

How to Obtain Credit

To obtain credit, complete the post-test, evaluation and submit.

Method of Participation

Participation in this activity consists of reviewing the online videos and completing the post-test and evaluation.

Release and Expiration Dates

Release Date: July 20, 2020

Expiration Date: July 20, 2023

Acknowledgement of Commercial Support

This course is supported, in part, by educational and in-kind grants and exhibit fees from the following companies in accordance with ACCME Standards.

Biohaven (Exhibitor)

Merz Therapeutics (Exhibitor)

Faculty and Course Director Listing and Credentials

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