HARVARD MEDICAL SCHOOL

Beth Israel Lahey Health
Beth Israel Deaconess Medical Center

Movement Disorders: Current Concepts and Practice

October 2-3, 2020

This course is live stream only.

OFFERED BY

Beth Israel Deaconess Medical Center, Department of Neurology

COURSE DIRECTORS

David K. Simon, MD, PhD • Daniel Tarsy, MD

COURSE DESCRIPTION: The goal of this course is to improve the ability of physicians and other health care professionals in primary care, neurology, and psychiatry to recognize clinical features of common and uncommon movement disorders, use testing to aid diagnosis, and manage complications of both disease and treatment. The evaluation and management of movement disorders depends upon targeted historical assessment and physical examination of the patient. Conditions such as essential tremor and Parkinson's disease are common and can produce significant disability and disease burden on patients and their caregivers. Though Parkinson's disease and essential tremor are two well-known disorders commonly encountered by the general practitioner and neurologist, a considerable percentage of cases are misdiagnosed.

In addition, other highly treatable disorders such as drug-induced movement disorders, dystonia, and tics can be difficult to recognize which can pose an obstacle to initiating proper treatment. Finally, there have been considerable advances in our understanding of certain complex movement disorders such as Parkinson's disease. We will also focus attention on non-motor aspects of Parkinson's disease which are increasingly being recognized as important determinants of quality of life. The course will cover current concepts on pathophysiology of the various movement disorders, evidence-based evaluation and treatment recommendations, clinical practice guidelines as well as experience-based recommendations. Finally, the course will culminate with interactive discussion of video-based case examples of movement disorders.

LEARNING OBJECTIVES: Upon completion of this activity, participants will be able to:

- Evaluate and diagnose movement disorders, such as Parkinson's disease, Huntington's disease, dystonia, tremor, myoclonus, tics, gait disturbances, chorea, tardive dyskinesia, and other disorders of the basal ganglia, in different settings (emergency, inpatient, and outpatient).
- Summarize treatment options and considerations in the management of movement disorders.
- Integrate physical examination techniques into practice to aid in the diagnosis of a movement disorder.
- Recognize pitfalls in making an erroneous diagnosis in Parkinson's disease, tremor or dystonia.
- Describe the pharmacology and side effects of commonly used medications for treatment of various movement disorders.
- Interpret the role of dopamine blockers in disease pathophysiology and management of tardive dyskinesia and drug-induced parkinsonism.
- Summarize diagnostic criteria and genetic counseling principles necessary for evaluating patients with suspected hereditary chorea or ataxia.
- Explain a clinical evaluation method for gait disorders as well as diagnostic "red flags" that aid in the diagnosis of atypical parkinsonism.
- Identify relevant components of the basic anatomy and pathophysiology of the basal ganglia as it pertains to movement disorders.
- Assess potential therapeutic uses of botulinum toxin injections for dystonia, hemifacial spasm, and related disorders.
- Discuss patient factors in the screening of candidates for deep brain stimulation.
- Identify relevant issues regarding pre-operative evaluation and post-operative care for patients receiving deep brain stimulation.
- Examine physical examination techniques and history taking skills in making the diagnosis of a psychogenic movement disorder.
- Describe common non-motor aspects of Parkinson's disease, including mood disorders and cognitive impairment, and summarize treatment options and best practices.

TARGET AUDIENCE: This course is targeted to primary care physicians, neurologists, specialty physicians, nurses, nurse practitioners, pharmacists, physician assistants, psychologists, movement disorders fellows. This course may also be of interest to physicians who practice in family medicine, internal medicine, physical medicine & rehabilitation, psychiatry, neurology, psychology and mental health.

ACCREDITATION: The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 14.00 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurse Practitioners and Registered Nurses: For the purpose of recertification, the American Academy of Nurse Practitioners Certification Board and American Nurses Credentialing Center accept AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME (Accreditation Council for Continuing Medical Education). We would also suggest that learners check with their state licensing board to ensure they accept reciprocity with AMA PRA Category 1 Credit™ for re-licensure.

Physician Assistants: The National Commission on Certification of Physician Assistants (NCCPA) states that AMA PRA Category 1 Credits™ are acceptable for continuing medical education requirements for recertification. We would also suggest that learners check with their state licensing board to ensure they accept reciprocity with AMA PRA Category 1 Credit™ for re-licensure.

The Royal College of Physicians and Surgeons of Canada recognizes conferences and workshops held outside of Canada that are developed by a university, academy, hospital, specialty society or college as accredited group learning activities.

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REGISTRATION INFORMATION*: **Physician: $450.00. Resident/Fellow/Student: $350.00. Allied Health Professional/Other: $250.00.**
Early Registration Fee: Physician: $400.00 Resident/Fellow/Student: $300.00. Allied Health Professional/Other: $200.00.
Early Registration Fee may be used if registered by August 21, 2020. Participants will be provided access to an electronic syllabus.

Registration by credit card (VISA, MasterCard or American Express) or check can be made through Harvard Medical School's secure online registration system at https://cmeregistration.hms.harvard.edu/movementdisorders2020. Registration by check (draft on a United States bank), please make payable to Harvard Medical School. Learners who choose to pay by check will be prompted to download an online form to send in with a payment. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration, you will receive an email confirmation. Be sure to include an email address that you check frequently. Your email address is used for critical information including registration confirmation, evaluation and certificate.

INQUIRIES: Call (617) 384-8600, Mon-Fri, 9am to 5pm (ET) or by email at: **ceprograms@hms.harvard.edu**.

REFUND POLICY: Refunds, less an administrative fee of $75, will be issued for all cancellations received two weeks prior to the start of the course. Refund requests must be received email. No refund will be issued should cancellation occur less than two weeks prior. "No shows" are subject to the full course fee and no refunds will be issued once the conference has started.

For more information and registration: https://cmeregistration.hms.harvard.edu/movementdisorders2020

Movement Disorders: Current Concepts and Practice

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Program Schedule

FRIDAY, OCTOBER 2, 2020		
8:00–8:10 am	Welcome, Introductions, and CME Instructions	David K. Simon, MD, PhD
8:10–8:55 am	Overview of Movement Disorders	Daniel Tarsy, MD
9:00–9:45 am	Clinical Approach to Gait Disorders	Lan Luo, MD, MS
9:45–10:00 am	**Morning Break**	
10:00–11:00 am	Dystonia: Phenomenology, classification, and treatment	Daniel Tarsy, MD
11:05–11:50 am	Chorea and Huntington's Disease	Samuel Frank, MD
11:50 am–12:55 pm	**Lunch**	
1:00–1:45 pm	Tremor and Myoclonus	Samuel Frank, MD
1:50–2:35 pm	Tardive dyskinesia and other drug-induced movement disorders	Daniel Tarsy, MD
2:35–2:50 pm	**Afternoon Break**	
2:50–3:35 pm	Nonmotor Aspects of Parkinsonism	Samuel Frank, MD
3:40–4:10 pm	Tourette Syndrome and Restless Legs Syndrome	David K. Simon, MD, PhD
4:15–5:15 pm	Movement Disorders Video Case Rounds	Samuel Frank, MD ; Daniel Tarsy, MD
SATURDAY, OCTOBER 3, 2020		
8:30–9:15 am	Diagnosis of Parkinsonism and Early Treatment	David K. Simon, MD, PhD
9:15–9:45 am	Management of Advanced Parkinsonism	David K. Simon, MD, PhD
9:50–10:35 am	Clinical Evaluation of Ataxia Syndromes	Jeremy D. Schmahmann, MD
10:35–10:50 am	**Morning Break**	
10:50–11:35 am	Cognitive and Psychiatric Aspects of Parkinson's Disease	Daniel Press, MD
11:40 am–12:25 pm	Atypical Parkinsonism	Veronique Vanderhorst, MD, PhD
12:25–1:15 pm	**Lunch**	
1:15–2:00 pm	Introduction to Brain Stimulation	Michael D. Fox, MD, PhD
2:00–2:45 pm	DBS Surgery: Procedure and Outcomes	Ron Alterman, MD
2:45–3:00 pm	**Afternoon Break**	
3:00–3:45 pm	Functional Movement Disorders	David Perez, MD, MMSc
3:50–4:50 pm	Movement Disorders Video Case Rounds	Veronique Vanderhorst, MD, PhD; David K. Simon, MD, PhD
4:50–5:00 pm	Concluding Remarks	David K. Simon, MD, PhD

***Please Note: Program changes/substitutions may be made without notice.**

Faculty

COURSE DIRECTORS

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Professor of Neurology, Harvard Medical School; Chief, Division of Movement Disorders; Director, National Parkinson Foundation Center of Excellence at Beth Israel Deaconess Medical Center.

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Ron Alterman, MD
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Veronique Vanderhorst, MD, PhD
Associate Professor of Neurology, Harvard Medical School

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