



Movement Disorders: Current Concepts and Practice

October 12-13, 2018

**Hotel Commonwealth
Boston, Massachusetts**

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.
- Describe 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.
- Summarize 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.
- Describe 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.

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.

Through an agreement between the American Medical Association and the European Union of Medical Specialists, physicians may convert *AMA PRA Category 1 Credit*[™] to an equivalent number of European CME Credits[®] (ECMECs[®]). Information on the process of converting *AMA PRA Category 1 Credits*[™] to ECMECs[®] can be found at: www.eaccme.eu.

REGISTRATION INFORMATION*: Physician: \$600.00. Resident/Fellow/Student: \$500.00. Allied Health Professional/Other: \$400.00.

Early Registration Fee: Physician: \$550.00 Resident/Fellow/Student: \$450.00. Allied Health Professional/Other: \$350.00 .

Early Registration Fee may be used if registered by **August 31, 2018**.

Participants will be provided access to an electronic syllabus which can be downloaded. A printed syllabus can also be provided for \$50.

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/movementdisorders2018>. 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/movementdisorders2018>

COURSE LOCATION/ACCOMMODATIONS/TRAVEL: All sessions will be held at Hotel Commonwealth, 500 Commonwealth Avenue, Boston, Massachusetts 02215. Guests can also call in-house reservations team at (617) 532- 5019 or (866) 784-4000 and reference the group name: Movement Disorders/ Group code: 1810MOVEME and dates of the course. Booking link for group reservations: <https://tinyurl.com/734687-1901>. **Please do not purchase nonrefundable airline ticket(s) until you have received an email from our office confirming your paid registration.**

DISCLOSURE POLICY: Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS’s policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

Program Schedule

FRIDAY, OCTOBER 12, 2018		
7:00–8:00 am	Registration and breakfast	
8:00–8:15 am	Welcome, Introductions and CME Instructions	David K. Simon, MD, PhD
8:15–9:00 am	Overview of Movement Disorders	Daniel Tarsy, MD
9:00–9:45 am	Clinical Approach to Gait Disorders	Veronique Vanderhorst, MD, PhD
9:45–10:00 am	Break	
10:00–11:00 am	Dystonia: Phenomenology, Classification and Treatment	Daniel Tarsy, MD
11:00–11:45 am	Chorea and Huntington's Disease	Samuel Frank, MD
11:45 am–12:45 pm	Lunch	
12:45–1:45 pm	Tremor and Myoclonus	Samuel Frank, MD
1:45–2:30 pm	Tardive Dyskinesia and Other Drug-Induced Movement Disorders	Daniel Tarsy, MD
2:30–2:45 pm	Break	
2:45–3:15 pm	Clinical Evaluation of Ataxia Syndromes	Penny Greenstein, MBCh
3:15–3:45 pm	Tourette Syndrome and Restless Leg	David K. Simon, MD, PhD
3:45–4:45 pm	MOVEMENT DISORDERS VIDEO CASE ROUNDS	David K. Simon, MD, PhD Samuel Frank, MD; Daniel Tarsy, MD
SATURDAY, OCTOBER 13, 2018		
8:00–8:30 am	Breakfast	
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
9:45–10:30 am	Nonmotor Aspects of Parkinsonism	Samuel Frank, MD
10:30–10:45 am	Break	
10:45–11:30 am	Cognitive and Psychiatric Aspects of Parkinson's Disease	Daniel Press, MD
11:30 am–12:15 pm	Atypical Parkinsonism	Veronique Vanderhorst, MD, PhD
12:15–1:00 pm	Lunch	
1:00–1:45 pm	Introduction to Brain Stimulation	Michael D. Fox, MD, PhD
1:45–2:30 pm	DBS Surgery: Procedure and Outcomes	Ron Alterman, MD
2:30–2:45 pm	Break	
2:45–3:30 pm	Functional Movement Disorders	David L. Perez, MD, MMSc
3:30–4:30 pm	Movement Disorders Video Case Rounds	Veronique Vanderhorst, MD, PhD David K. Simon, MD, PhD
4:30–4:45 pm	Concluding Remarks	David K. Simon, MD, PhD
*Please Note: Program changes/substitutions may be made without notice.		

Faculty

COURSE DIRECTORS

- David K. Simon, MD, PhD**
Professor of Neurology, Harvard Medical School, and Director, BIDMC Movement Disorders Division
- Daniel Tarsy, MD**
Professor of Neurology, Harvard Medical School
- Ron Alterman, MD**
Chief, Division of Neurosurgery, Beth Israel Deaconess Medical Center

- Michael Fox, MD, PhD**
Assistant Professor of Neurology, Harvard Medical School
- Samuel Frank, MD**
Associate Professor of Neurology, Harvard Medical School
- Patricia Greenstein, MB.BCh**
Assistant Professor of Neurology, Harvard Medical School

- David L. Perez MD, MMSc**
Director, MGH Functional Neurological Disorders Clinic; Instructor in Neurology, Harvard Medical School;
- Daniel Press, MD**
Associate Professor of Neurology, Harvard Medical School
- Veronique Vanderhorst, MD, PhD**
Assistant Professor of Neurology, Harvard Medical School