Updates in Neuromuscular Medicine

March 20–22
Hospital for Special Surgery

Featuring
Joint Symposium with The ALS Association Greater New York Chapter on Saturday, March 20

Sponsored by
Hospital for Special Surgery Department of Neurology & Office of Continuing Medical Education
Overview
Neurology is an ever-changing medical specialty where there are limited venues available to present advances and new treatments for neuromuscular disease.

Clinicians are unfamiliar with evidence-based studies on topics such as the latest advances in diagnosis and treatments for neuromuscular diseases including neuropathies, myasthenia gravis, inflammatory myopathy, motor neuron disease such as amyotrophic lateral sclerosis (ALS), and EMG techniques.

Target Audience
This activity is targeted to neurologists, rheumatologists, anesthesiologists, orthopaedists, physician assistants, nurse practitioners, residents, fellows and medical students.

Learning Objectives
HSS continuing medical education activities are intended to improve the quality of patient care and safety. At the conclusion of this course participants will be able to:

• Describe proper electrodiagnostic skills and perform safe and accurate needle EMG, NCV and facial studies in their own practice.
• Discuss and accurately interpret electrophysiological data which will allow for accurate diagnosis of neuromuscular diseases.
• Identify and reference professional guidelines for properly diagnosing common neurological disorders such as inflammatory myopathy and amyotrophic lateral sclerosis (ALS) and appropriately treat patients with these diseases.
• Identify and reference available evidence-based studies and be able to utilize evidence-based methods for diagnosing, treating and evaluating neuromuscular disorders, treating and evaluating neuromuscular disorders, such as inflammatory myopathy and amyotrophic lateral sclerosis (ALS).

Accreditation & Credit Designation
Hospital for Special Surgery is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation: Hospital for Special Surgery designates this live activity for a maximum of 22.0 AMA PRA Category 1 Credit(s)™ onsite and 14.75 AMA PRA Category 1 Credit(s)™ online. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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**Activity Co-Directors**
Dale J. Lange, MD, has disclosed no relevant financial relationships.

Dora K. Leung, MD, has disclosed no relevant financial relationships.

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Keren Baum, MA, has disclosed no relevant financial relationships.

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Brion D. Reichler, MD, has disclosed no relevant financial relationships.

Mona Shahbazi, MSN, NP, has disclosed no relevant financial relationships.

**Guest Faculty**
Peter Andersen, MD, PhD, has disclosed no relevant financial relationships.

Walace Patrick Beaton has disclosed no relevant financial relationships.

James D. Berry, MD, MPH, has disclosed no relevant financial relationships.

Marinos C. Dalakas, MD, has disclosed no relevant financial relationships.

William S. David, MD, PhD, has disclosed no relevant financial relationships.

Albert C. Ludolph, MD, has disclosed no relevant financial relationships.

Brett Macadam has disclosed no relevant financial relationships.

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Eliz Agopian, MD, has disclosed no relevant financial relationships.

Stephen J. DiMartino, MD, PhD, has disclosed no relevant financial relationships.

Ronald Emerson has disclosed no relevant financial relationships.

Jonathan M. Goldstein, MD, has disclosed no relevant financial relationships.

Erin Manning, MD, has disclosed no relevant financial relationships.

Darius P. Melisaratos, MD, has disclosed no relevant financial relationships.
Janki Panchal has disclosed no relevant financial relationships.

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Mona Shahbazi, MSN, NP, has disclosed no relevant financial relationships.

Alexander Shtilbans, MS, MD, PhD, has disclosed no relevant financial relationships.

**Poster Presentations**

Haris Kamal, MD, has disclosed no relevant financial relationships.

Caitlin Oksienik, MD, has disclosed no relevant financial relationships.

Kristiana Salmon, BSc, has disclosed no relevant financial relationships.

Hospital for Special Surgery Office of CME staff and CME Committee members have no relevant financial relationships to disclose regarding this activity.
AGENDA
Thursday, March 20
Basic Concepts in Clinical Neurophysiology

8:30am  Registration and Breakfast*
8:55am  Welcome
9:00am  Basics and Errors in NCV/EMG  
        *William S. David, MD, PhD*  
        Electrophysiological Study of the Arm through Case Studies
10:00am  Carpel Tunnel Syndrome/Median Neuropathy  
         *Dora K. Leung, MD*
10:45am  Break*
11:00am  Ulnar Neuropathy  
         *Erin Manning, MD*
11:45am  Brachial Plexus Injuries: Wrist Drop  
         *Brion D. Reichler, MD*
12:45pm  Working Lunch: Rotating Workshops (30 minutes each)  
         Basic Median (MNCV/SNCV/F) NCV Arm workshop  
         Basic Ulnar (MNCV/SNCV/F) NCV Arm workshop  
         Basic Repetitive Stimulation Studies
2:30pm  Foot Drop: Mononeuropathy vs. Plexopathy: Case Studies  
         *William S. David, MD, PhD*
3:30pm  Concurrent Workshops: Participants register for 4 out of 7  
         workshops in advance (30 minutes each)  
         Proximal Stimulation  
         Botox for Dystonia  
         Electrodiagnostic Case Studies  
         Somatosensory Evoked Responses  
         Facial Nerve Studies  
         EMG Waveform Identification  
         Writing an EMG Report

* Not designated for AMA PRA Category 1 Credit™
Friday, March 21
Immune Mediated Diseases of Nerve and Muscle

8:30am  Registration and Breakfast*
8:55am  Welcome
9:00am  Targets of Immunotherapy in Autoimmune Disorders and Emerging New Therapies
        Marinos C. Dalakas, MD
10:00am Multifocal Motor Neuropathy
       Dale J. Lange, MD
10:45pm Break*
11:00am CIDP and Its “Many Faces”
       Marinos C. Dalakas, MD
11:45am Role of Neuroimaging in Inflammatory Nerve and Muscle Disease
       Darius P. Melisaratos, MD
12:30pm Lunch*
1:30pm  Inflammatory Myopathy
        Stephen J. DiMartino, MD, PhD
2:15pm  Stiff Person Syndrome
        Marinos C. Dalakas, MD
3:15pm  Break*
3:30pm  Myasthenia Gravis
        Jonathan M. Goldstein, MD
4:30pm  Patient Presentation

* Not designated for AMA PRA Category 1 Credit™
Saturday, March 22
Joint Symposium on ALS with The ALS Association Greater New York Chapter

8:00am Registration and Breakfast*

8:25am Welcome

8:30am Having Motor Neuron Disease in 2014: A Patient’s Perspective

8:45am Update on Clinical Trials
   Dale J. Lange, MD

9:30am The Role of SOD1 in ALS: Two Decades of Discoveries, Defects and Disputes
   Peter Andersen, MD, PhD

10:15am Break*

10:30am ALS Associated with C9orf72 Mutations: Why Is This Important to Both Familial and Sporadic Cases?
   Vincenzo Silani, MD

11:15am Neuropathological Staging of ALS and Its Mechanistic and Clinical Translation
   Albert C. Ludolph, MD

12:00pm Lunch*

1:00pm Inflammation and the Role of Peripheral Blood Monocytes in ALS
   James D. Berry, MD, MPH

1:45pm Concurrent Workshops: Participants register for 4 out of 6 workshops in advance (30 minutes each)

  Clinical Trials: Why They Fail
  James D. Berry, MD, MPH

  Diaphragm Pacing
  Mona Shahbazi, MSN, NP

  Uses for Botox in Treating Patients with ALS
  Alexander Shtilbans, MS, MD, PhD

  Stem Cell Therapy
  Vincenzo Silani, MD

  Genetic Testing
  Peter Andersen, MD, PhD

  Role of Toxins in ALS
  Albert C. Ludolph, MD

3:45pm Closing Remarks*

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Hospital for Special Surgery gratefully acknowledges funding in part from educational grants from:

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