

HOSPITAL
FOR
SPECIAL
SURGERY



HSS NEUROLOGICAL **DIRECTIONS** 2015

UPDATES IN NEUROMUSCULAR MEDICINE



MARCH 12–14
Hospital for Special Surgery

FEATURING

Joint Symposium with The ALS
Association Greater New York Chapter
on Saturday, March 14

SPONSORED BY

Hospital for Special Surgery
Department of Neurology & Office
of Continuing Medical Education



LIVE STREAMING WEBCAST is also available!

CME This activity has been approved for *AMA PRA Category 1 Credits™*.



HSS NEUROLOGICAL **DIRECTIONS** 2015

UPDATES IN NEUROMUSCULAR MEDICINE

Sponsored by Hospital for Special Surgery Department of Neurology & Office of Continuing Medical Education

LOCATION Hospital for Special Surgery
Richard L. Menschel Education Center, 2nd Floor
535 East 70th Street, New York City

STATEMENT OF NEED 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, physiatrists, primary care physicians, physician assistants, nurse practitioners, residents, fellows and medical students.

LEARNING OBJECTIVES HSS professional education activities are intended to improve the quality of patient care and safety. At the completion of the course, the participant should be able to:

- ✓ Describe proper electrodiagnostic skills and perform safe and accurate needle nerve conduction studies in their own practice, especially in challenging cases.
- ✓ Explain the appropriate methods to 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 FTD, stroke 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, such as FTD, stroke and amyotrophic lateral sclerosis (ALS).
- ✓ Describe proper IOM and perform safe and accurate IOM studies in their own practice, especially in challenging cases.

- ✓ Report consistent methods to assess and care for neurological patients during the intraoperative period and use them to manage patient care.

ACCREDITATION AND CREDIT DESIGNATION

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

Hospital for Special Surgery designates this live activity for a maximum of 19.75 *AMA PRA Category 1 Credits™* onsite and 18.75 *AMA PRA Category 1 Credits™* online. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SPECIAL NEEDS Hospital for Special Surgery is accessible for individuals with disabilities or special needs. Participants with special needs are requested to contact the Office of Continuing Medical Education at 212.606.1057.

FINANCIAL DISCLOSURE

In accordance with the Accreditation Council for Continuing Medical Education's Standards for Commercial Support, all CME providers are required to disclose to the activity audience the relevant financial relationships of the Activity Directors, planning committee members, planners, authors and staff involved in the development of CME content. An individual has a relevant financial relationship if he or she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control. It is the policy of Hospital for Special Surgery to disclose all financial relationships that planners, teachers and authors have with commercial interests.

It is the policy of Hospital for Special Surgery to request all financial relationships that Activity Directors, planning committee members, planners, authors and staff have with commercial interests, but to disclose to the activity audience only the **relevant** financial relationships/commercial interests.

FOR MORE Go to www.hss.edu/cme for a complete calendar of scheduled live and online CME activities.

Registrant-submitted cases are welcome! Please see agenda page for more details.

PRELIMINARY AGENDA

Faculty and agenda are subject to change.

DAY 1 Thursday, March 12

Dual Track Learning

Participants choose one track to attend, Basic or Advanced (please indicate choice with registration).

8:15a Registration and Breakfast*

Live streaming webcast begins for Day 1

8:45a Welcome

BASIC

ADVANCED

9:00a	Lectures* Basics of NCS Entrapment Neuropathy	Workshops Proximal Stimulation Phrenic Nerve Study
-------	--	---

10:15a Break*

10:30a	Workshop NCS: Arm & Leg	Lectures* Advanced Needle EMG Classification of Spontaneous Activity Quantitative MUP Analysis
--------	-----------------------------------	--

12:00p Lunch*

1:00p	Lectures* Basic Needle EMG Writing an Edx Report	Workshops Repetitive Stimulation Single Fiber EMG
-------	---	--

2:30p Break*

2:45p	Lectures* Waveform Identification	Workshops Facial and Blink Studies
-------	---	--

4:15p Case Studies[§]

5:30p Closing Remarks*

Live streaming webcast ends for Day 1

*Not designated for AMA PRA Category 1 Credit™

♦Live-streaming activity offerings

§ Instructions for submitting cases

Please submit cases for review by March 2 to mokhtarianm@hss.edu. Submission does not guarantee selection.

DAY 2 Friday, March 13

Neuromuscular Therapeutics Update: Case-Based Learning

All lectures will consist of a 30 minute discussion of recent advances and 30 minutes of case presentations emphasizing audience participation.

8:00a Registration and Breakfast*

Live streaming webcast begins for Day 2

8:30a **Inflammatory Neuropathies (CIDP and Related Disorders)**
Dale J. Lange, MD

9:30a **Chemodeneration in the Neuromuscular Practice**
David M. Simpson, MD, FAAN

10:30a Break*

10:45a **Autonomic Disorders: Clinical Patterns and Testing Methods**
Louis H. Weimer, MD, FAAN, FANA

11:45a **Understanding the Role of Neuroimaging of Peripheral Nerve Disease Through Case Studies**
Darryl B. Sneag, MD

Darius P. Melisaratos, MD

12:30p Lunch*

1:30p **Inflammatory Myopathy**
Stephen J. Di Martino, MD, PhD, RhMSUS

2:30p **Sports-related Traumatic Nerve Injury**
Erin Manning, MD

3:30p Break*

3:45p **Small Fiber Neuropathy and the Role of Skin Biopsies**
Brian D. Reichler, MD

4:45p Case Studies[§]

5:30p Closing Remarks*

Live streaming webcast ends for Day 2

Find Hospital for Special Surgery on the web!



Hospital for Special Surgery is an affiliate of NewYork-Presbyterian Healthcare System and Weill Cornell Medical College.

DAY 3 Saturday, March 14

Joint Symposium on ALS with The ALS Association Greater New York Chapter

8:00a Registration and Breakfast*

Live streaming webcast begins for Day 3

8:30a **Welcome and A Patient's Perspective**

9:00a **Therapeutic Trials for ALS Patients: Current and Future Trials**
Jeremy M. Shefner, MD, PhD

10:00a Break*

10:15a **Clinical Genetics of ALS 2015: What to Test, What to Say and What Not to Do in Clinical Practice**
Peter M. Andersen, MD, PhD

11:15a **Stem Cell Therapy in ALS: Recent Advances**
Jonathan D. Glass, MD

12:15p Lunch*

1:00p **Concurrent Workshops**
Onsite participants register for 4 out of 8 workshops in advance (30 minutes each)

- 1 Genetics in ALS♦
Peter M. Andersen, MD, PhD
- 2 Stem Cell Therapies in ALS♦
Jonathan D. Glass, MD
- 3 Speech and Swallowing Issues in ALS
Shara Holzberg, MS, CCC-SLP
- 4 DPS
Mona Shahbazi, MSN, NP
- 5 Trauma in ALS and Other Neurodegenerative Diseases
Jeremy M. Shefner, MD, PhD
- 6 Physical Therapy and Mobility
Jason Jackson, MSPT
- 7 Research Based Nutrition Therapy in ALS
Richard S. Isaacson, MD
- 8 The Role of Palliative Care
Lindsay Kaplan, MS

Live streaming webcast ends at 2pm on Day 3

3:00p Closing Remarks*

PROGRAM REGISTRATION

Please print legibly.

____ - ____ - _____
DATE (MONTH-DAY-YEAR)

____ | _____ | _____
FIRST NAME MI LAST NAME

____ | _____
DEGREE AFFILIATION

____ | _____ | _____
EMAIL ADDRESS

____ | _____ | _____
STREET ADDRESS SUITE/APT #

____ | _____ | _____
CITY STATE ZIP CODE

____ - ____ - _____
DAYTIME PHONE

\$ _____ American Express MasterCard Visa Check enclosed
AMOUNT ENCLOSED

____ | _____ | _____
CREDIT CARD # EXP. DATE

X _____
SIGNATURE

How did you hear about this course?

- Print brochure Email blast HSS website Journal advertisement
 LinkedIn ad Recommendation Google ad Other _____
 Check here to receive the HSS eNewsletter. Please include email address above.

DUAL TRACK LEARNING (Onsite participants select one track to attend. Webcast participant options are pre-selected, please see agenda.)

Thursday, March 12

- Basic Advanced

CONCURRENT WORKSHOPS (Onsite participants please check the four workshops you would like to attend. Availability is first-come, first-served. Webcast participant offerings are pre-selected, please see agenda.)

Saturday, March 14 Please check the four workshops you would like to attend:

- ____ 1. Genetics In ALS ____ 4. DPS ____ 6. Physical Therapy and
 ____ 2. Stem Cell Therapies in ALS ____ 5. Trauma in ALS and Other Mobility
 ____ 3. Speech and Swallowing Neurodegenerative ____ 7. Research Based Nutrition
 Issue in ALS Diseases Therapy in ALS
 ____ 8. The Role of Palliative Care

REGISTRATION FEES

Registration fees include breakfasts and lunches for onsite participants, and lecture handouts and CME credits for all participants. All registered participants will receive a confirmation via email.

	Thursday Only	Friday Only	Saturday Only	Any 2 Days	All 3 Days	Early Bird All 3 Days (Ends 2/20 at 5pm)
ONSITE						
Physicians	\$395	\$395	\$395	\$645	\$900	\$875
Allied Health	\$250	\$250	\$250	\$350	\$475	\$450
LIVE STREAMING WEBCAST						
Physicians	\$340	\$340	\$340	\$440	\$600	\$575
Allied Health	\$120	\$120	\$120	\$170	\$250	\$225
ONSITE OR LIVE STREAMING WEBCAST						
Residents/Fellows/Medical Students	\$25 Application Fee					

Registration closes 3/9 at 5pm. Registration will not be processed unless accompanied by payment. For day-of registration, please add \$75 to the appropriate category above (available only if space permits – please call ahead).

TWO EASY WAYS TO REGISTER!

- 1 Register and pay online** at www.hss.edu/cme-calendar.
- 2 Register by mail** using the registration form.

PAYMENT BY MAIL

Make check payable to:
Hospital for Special Surgery

Mail registration form to:
Hospital for Special Surgery
Professional Education Department
Education & Academic Affairs
535 East 70th Street
New York, NY 10021

CONFIRMATIONS

All registered participants will receive a confirmation via email.

REFUND POLICY

A handling fee of \$25 is deducted for cancellation. Refund requests must be received by mail one week prior to the course. No refund will be made thereafter.

FOR MORE INFORMATION, PLEASE CONTACT

Melody Mokhtarian

Marketing and Events Coordinator
Professional Education
Education & Academic Affairs
Hospital for Special Surgery
Tel: 212.606.1812
Email: mokhtarianm@hss.edu

PARKING, TRANSPORTATION & ACCOMMODATIONS

For information on parking, transportation directions and accommodations, please go to www.hss.edu/visitor-information. **asp** and view our Neighborhood Directory. Local accommodations are limited and early reservations are recommended.

This program may be recorded, filmed or photographed by Hospital for Special Surgery. By attending this program, you give permission to Hospital for Special Surgery to use your voice and likeness for any purpose (promotional, educational or other), in any medium, and without remuneration of any kind to you.

All rights reserved.

© 2015 Hospital for Special Surgery
Design: Christina Fisher, MFA
Education Publications & Communications

ACTIVITY FACULTY

ACTIVITY CO-DIRECTORS

Dale J. Lange, MD

Chair, Department of Neurology
Neurologist-in-Chief
Director, ALSA Program
Hospital for Special Surgery
Director, MDA/ALS Program
Professor of Neurology
Weill Cornell Medical College
New York, NY

Dora K. Leung, MD

Assistant Attending
Neurologist
Hospital for Special Surgery
Assistant Professor of
Clinical Neurology
Weill Cornell Medical
College
New York, NY

GUEST FACULTY

Peter M. Andersen, MD, PhD

Professor, Department of
Pharmacology and
Clinical Neuroscience
Umeå University
Umeå, Sweden

Jonathan D. Glass, MD

Director
Emory ALS Center
Professor
Neurology and Pathology
Atlanta, GA

Richard S. Isaacson, MD

Associate Attending Neurologist
NewYork-Presbyterian Hospital
Associate Professor of Neurology
(Education)
Weill Cornell Medical College

Jason Jackson, MSPT

Physical Therapist
Advanced Clinician
Mount Sinai Outpatient
Rehabilitative Medicine
New York, NY

Sanjeev D. Nandedkar, PhD

Senior Consultant
Natus Medical Inc.
Middletown, WI

Jeremy M. Shefner, MD, PhD

Professor and Chair of
Neurology
Associate Director
Barrow Neurological
Institute
Phoenix, AZ

David M. Simpson, MD, FAAN

Professor of Neurology
Director, Clinical Neurophysiology
Laboratories
Director, Neuromuscular Division
Director, Neuro-AIDS Program
Mount Sinai Medical Center
Department of Neurology
New York, NY

Louis H. Weimer, MD, FAAN, FANA

Professor of Neurology at CUMC
Director, EMG Laboratory
Director, Clinical Autonomic Center
Co-director, Columbia Neuropathy
Research Center
New York, NY

HSS FACULTY

Stephen J. Di Martino, MD, PhD, RhMSUS

Assistant Attending Rheumatologist
Instructor in Clinical Medicine
Weill Cornell Medical College

Shara Holzberg MS, CCC-SLP Speech-Language Pathologist

Lindsay Kaplan, MS

Bioethics
Clinical Research Coordinator

Erin Manning, MD

Fellow,
Neuromuscular
Medicine

Darius P. Melisaratos, MD

Assistant Attending Radiologist
Assistant Professor of Radiology
Weill Cornell Medical College

Janki Panchal

EMG Supervisor
Department of Neurology

Brion D. Reichler, MD

Assistant Attending
Neurologist

Mona Shahbazi, MSN, NP

Nurse Practitioner and Manager of
Clinical Research
Department of Neurology

Teena Shetty, MD

Assistant Attending Neurologist
Assistant Professor of Neurology
Weill Cornell Medical College

Darryl B. Sneag, MD

Assistant Attending Radiologist

Vahid Tohidi, MD, PhD

Fellow, Neuromuscular Medicine

PROGRAM COORDINATOR

Melody Mokhtarian

Marketing and Events Coordinator
Professional Education
Education & Academic Affairs
Hospital for Special Surgery