

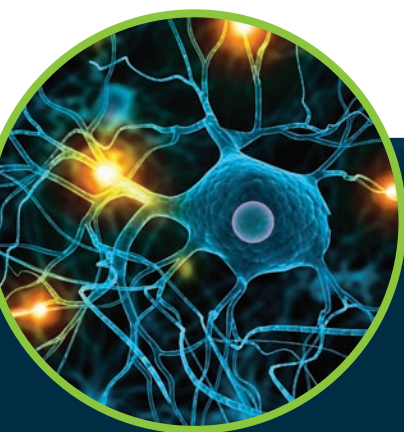
HOSPITAL
FOR
**SPECIAL
SURGERY**



150
YEARS



HSS NEUROLOGICAL **DIRECTIONS** 2013



UPDATES IN NEUROMUSCULAR MEDICINE AND
INTRAOPERATIVE MONITORING

APRIL 25–27

Hospital for Special Surgery

SPONSORED BY

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

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

HSS NEUROLOGICAL DIRECTIONS 2013

UPDATES IN NEUROMUSCULAR MEDICINE AND INTRAOPERATIVE MONITORING

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. This symposium will focus on broadening knowledge and competence of clinicians in neurology by reviewing available evidence-based information. It will provide a cohesive, concise and comprehensive review of pertinent subjects through lectures, workshops, case discussions and demonstrations and video presentations.

At the conclusion of this activity, participants will be able to accurately interpret clinical and electrophysiological data; diagnose and treat patients with neuromuscular diseases; perform safe and accurate electrodiagnostic studies; evaluate, diagnose and manage ALS and oversee an efficient neuromuscular medical practice; and become more proficient in use of immunological testing and treatment available for diagnosis and management of neuromuscular diseases and ALS.

Participants will also gain knowledge and technical skills in analyzing and interpreting data in intraoperative neurophysiological monitoring of neural structural integrity during surgery. They will also gain knowledge of regulatory and coding issues for relevant IOM procedures.

TARGET AUDIENCE This activity is targeted to neurologists, rheumatologists, anesthesiologists, and orthopaedists. Physician assistants, nurse practitioners, physical therapists, residents, fellows and medical students may also find this course valuable.

LEARNING OBJECTIVES Hospital for Special Surgery activities are intended to improve the quality of patient care and safety. At the conclusion of this course, the participant should be able to:

- ✓ Describe proper electrodiagnostic skills, such as performing needle EMG and NCV and facial studies, and be able to perform safe and accurate electrodiagnostic studies in their own practice.
- ✓ Discuss and be able to accurately interpret electrophysiological data which will allow for accurate diagnosis of neuromuscular diseases.

- ✓ Reference guidelines for properly diagnosing common neurological disorders and therefore be able to appropriately treat patients with these conditions.
- ✓ Relate evidence-based studies and be able to integrate evidence-based methods for diagnosing, treating and evaluating neuromuscular diseases, such as electrodiagnosis and prescription drugs, into their practice.
- ✓ Report the principles of performing intraoperative monitoring, including the relevant neuroanatomy, neurophysiology and pharmacology, and the way in which sensory and motor-evoked potentials, EMG and EEG are used to identify and monitor neural structures at risk during surgery.
- ✓ Discuss elements of data interpretation, clinical decision-making and reporting during intraoperative monitoring. Relate knowledge of regulatory and coding issues.

ACCREDITATION 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 20.5 *AMA PRA Category 1 Credits™*. 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.

FACULTY 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 planners, teachers and authors 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.

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



New! HSS e-University

Earn CME/CEU credit online through our on-demand offerings. Go to www.hss.edu/e-University to register.

PRELIMINARY AGENDA

DAY 1 Thursday, April 25

Basic Concepts in Clinical Neurophysiology

8:15a **Registration and Breakfast***

8:30a **Needle EMG and Waveform Analysis Workshop**
Sanjeev D. Nandedkar, PhD

9:15a **Rotating Workshops**
(40 minutes each)

- 1 Basic Nerve Conduction Studies: Basic Concepts and Common Errors
Dale J. Lange, MD
- 2 Repetitive Stimulation Studies
Sanjeev D. Nandedkar, PhD
- 3 Advanced Nerve Conduction Studies
Mary Sedarous, MD

11:20a **Break***

11:30a **Concurrent Workshops**
Choose 3 of 4 (30 minutes each)

- 1 Facial Nerve Studies: Blink Reflexes and Facial Nerve Latencies
Brion D. Reichler, MD
- 2 Laryngeal EMGs
Bridget T. Carey, MD
Lucien Sulica, MD
- 3 Botox: Basic Concepts and Technique
Alexander Shtilbans, MD, PhD, MS
- 4 Writing EMG Reports
Dale J. Lange, MD

1:00p **Lunch***

2:00p **Entrapment and Axonal Neuropathy**
Brion D. Reichler, MD

3:00p **Case Presentations: Demyelinating Neuropathies**
Eghosa Omoregie, MD

3:30p **Break***

3:40p **Neuromuscular Transmission Disorders**
Sanjeev D. Nandedkar, PhD

4:10p **Muscular Dystrophies**
Teena Shetty, MD

4:40p **Inflammatory Myopathies**
Dora K. Leung, MD

5:10p **Closing Remarks**
Dale J. Lange, MD

5:30p **Adjourn**

DAY 2 Friday, April 26

Mini Symposium: Amyotrophic Lateral Sclerosis (ALS) – New Insights and Treatments for Patients with ALS and Motor Neuropathy

8:30a **Registration and Breakfast***

9:00a **Overview of Ongoing and Future Therapeutic Trials for Patients with ALS**
Jeremy Shefner, MD, PhD

9:45a **Genetic Markers in ALS**
Vincenzo Silani, MD

10:30a **Break***

10:45a **Clinical Genetics of ALS in 2013: What Do We Know, and What Should We Say to Our Patients?**
Peter Andersen, MD, PhD

11:30a **Treating Familial ALS: Bench to Bedside Paradigms for Clinical Research**
Dale J. Lange, MD

12:15a **Lunch***

1:15p **Resident/Fellow Case Presentation Competition**

3:15p **Winning Presentation and Poster**

3:20p **Break***

3:30p **Live Patient Presentations**

- 1 Identifying IMG Responsive Motor Neuropathy
- 2 Identifying Late Onset Pompe Disease: Phenotypic Variability in a Treatable Disease

5:00p **Adjourn**

DAY 3 Saturday, April 27

Intraoperative Monitoring

8:30a **Registration and Breakfast***

9:00a **Introduction and Somatosensory Evoked Potentials**
Ronald G. Emerson, MD

9:40a **Motor Evoked Potentials**
Elayna O. Rubens, MD

10:20a **Break***

10:40a **Monitoring of Spinal D-Waves**
Eva Katharina Ritzl, MD, FRCP (Glasgow)

11:20a **EMG Monitoring of Roots and Spinal Cord**
Stanley A. Skinner, MD

12:00p **Lunch***

1:00p **Anesthesia**
James D. Beckman, MD

1:40p **Monitoring of Motor Cranial Nerves and Cranial Nerve Nuclei**
Jaime R. Lopez, MD

2:20p **Break***

2:30p **Brain Stem Auditory Evoked Potentials**
Alan D. Legatt, MD, PhD

3:10p **Mapping of Eloquent Cortex**
Marc R. Nuwer, MD, PhD

3:50p **Break***

4:00p **Troubleshooting**
Edward J. Gallo

4:40p **Regulatory and Coding Issues**
Marc R. Nuwer, MD, PhD

5:20p **Adjourn**

*Not designated for AMA PRA Category 1 Credits™
Faculty and agenda are subject to change.



Find Hospital for Special Surgery on the web!



PROGRAM REGISTRATION

HSS NEUROLOGICAL DIRECTIONS 2013

UPDATES IN NEUROMUSCULAR MEDICINE AND INTRAOPERATIVE MONITORING

Please print legibly.

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

____ | _____ | _____
FIRST NAME MI LAST NAME

____ | _____
DEGREE HOSPITAL AFFILIATION

____ | _____ | _____
EMAIL ADDRESS

____ | _____ | _____
STREET ADDRESS SUITE/APT #

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AMOUNT ENCLOSED

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CREDIT CARD # EXP. DATE

X _____
SIGNATURE

Check here to receive the HSS eNewsletter. Please include email address above.

CONCURRENT WORKSHOPS Thursday, April 25, 11:30a

Please identify the three workshops you would like to attend:

- ____ 1. Facial Nerve Studies: Blink Reflexes and Facial Nerve Latencies
____ 2. Laryngeal EMG's
____ 3. Botox: Basic Concepts and Technique
____ 4. Writing EMG Reports

*Workshop availability is on a first-come, first-serve basis.

REGISTRATION FEES

Registration fees include breakfasts, lunches, lecture handouts and CME credits. All registered participants will receive a confirmation e-mail. Online registration ends 4/23.

REGISTER EARLY, SPACE IS LIMITED!

	Thursday Only	Friday Only	Saturday Only	Any 2 Days	All 3 Days	Early Bird All 3 Days (Before 3/1)
Physicians	\$295	\$295	\$295	\$545	\$800	\$775
Allied Health	\$150	\$150	\$150	\$250	\$375	\$350
Residents/Fellows/EDX Techs	\$25 Application Fee					

Registration will not be processed unless accompanied by payment. For on-site registration, please add \$25 to the appropriate category above (available only if space permits). Please call ahead: 212.606.1057.

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.

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

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 e-mail.

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

Professional Education

Education & Academic Affairs
Hospital for Special Surgery

Tel: 212.606.1057

Email: ProfessionalEducation@hss.edu

ACCOMMODATIONS

Space is limited and early reservations are recommended. For local accommodations, please go to www.hss.edu and click on For Patients > Patient Information > Neighborhood Directory > Accommodations.

TRANSPORTATION

Airport: LaGuardia (LGA) is 8 miles northeast of the city. Kennedy International (JFK) is 15 miles southeast of the city. Newark International (EWR) is 16 miles southwest of the city.

Bus: M72, M31 stop at East 69th Street and York Avenue

Subway: Nearest line is the 6 train stop at East 68th Street and Lexington Avenue

Car (FDR Drive): Driving south, exit at 71st Street. Driving north, exit at 63rd Street. Continue on York Avenue.

Parking: Parking garages are located in the area.

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Education Publications & Communications

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Assistant Professor of Neurology
Weill Cornell Medical College

CALL FOR CASE PRESENTATIONS

RESIDENT/FELLOW CASE PRESENTATION COMPETITION

The Department of Neurology at Hospital for Special Surgery wishes to announce a "Call for Case Presentations"

at its upcoming CME activity, HSS Neurological Directions 2013: Updates in Neuromuscular Medicine and Intraoperative Monitoring, to be held April 25-27, 2013, at Hospital for Special Surgery, 535 East 70th Street, New York, NY.

This symposium will focus on broadening knowledge and competence of clinicians in the specialty of neuromuscular diseases, electrodiagnosis and intra-operative monitoring. The distinguished faculty represents the leading thinkers in the field today.

Submission deadline Friday, April 5, 2013

Five submissions will be selected as finalists from the submission pool to present at the course. Selected presenters will receive:

- Free conference registration
- Travel reimbursement (based on institutional travel policy)
- One night of lodging

The top two presentations will be selected by the faculty and awarded a prize for the best presentations.

Case presentation submission instructions

Case presentations should be in PowerPoint® format including:

- Patient history
- Imaging/electrodiagnostic waveforms/avi
- Supporting evidence of the diagnosis
- Discussion
- Patient identification should be excluded in compliance with HIPPA

Total presentation duration: 20 minutes

Case presentations should be submitted to

Keren S. Baum, MA

Accreditation and Compliance
Coordinator
Education & Academic Affairs
Phone 212.606.1057
Fax 212.734.3833
E-mail baumk@hss.edu

Hospital for Special Surgery

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