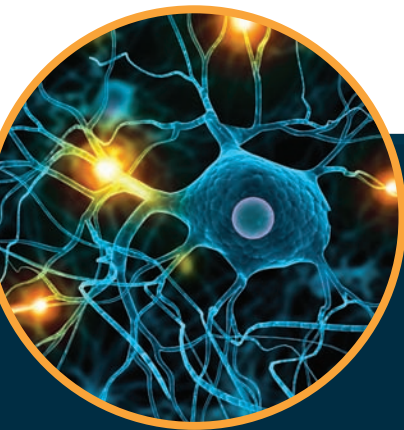


HOSPITAL
FOR
**SPECIAL
SURGERY**



NEUROMUSCULAR **DIRECTIONS** 2012



CURRENT CONCEPTS IN ELECTRODIAGNOSIS,
NEUROLOGY/RHEUMATOLOGY INTERFACE, AND
NEUROMUSCULAR MEDICINE

MARCH 15–17

Hospital for Special Surgery
New York City

SPONSORED BY

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

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



NEUROMUSCULAR DIRECTIONS 2012

CURRENT CONCEPTS IN ELECTRODIAGNOSIS, NEUROLOGY/ RHEUMATOLOGY INTERFACE, AND NEUROMUSCULAR MEDICINE

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

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

OVERVIEW Neurology is an evolving discipline and there is limited information available on new treatments for neuromuscular disease. This symposium will focus on broadening knowledge and competence of clinicians in this field by covering available evidence-based information on topics on which there is limited information such as electrodiagnostics techniques, specialized studies and the latest advances in neuromuscular medicine, as well as various rheumatological conditions, such as lupus and myopathy.

At the conclusion of the 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; become familiar with evaluation and management of neurological complications during the perioperative process, including Parkinson's disease; and evaluate, diagnose and manage myopathy, polymyositis, myositis and amyotrophic lateral sclerosis and learn new updates on current clinical trials available for treatment of ALS.

Participants will learn to manage an efficient neuromuscular medical practice, and become more proficient in the use of immunological and neuroimaging testing available for diagnosis and management of a number of rheumatological/immunology disorders.

TARGET AUDIENCE Specialty physicians, including neurologists, rheumatologists, anesthesiologists, orthopaedists, physician assistants, nurse practitioners, physical therapists, residents, fellows and medical students

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

- Describe proper electrodiagnostic skills, such as conducting and interpreting electromyographies, and be able to perform safe and accurate electrodiagnostic studies in their practice.
- Accurately interpret electrophysiological data, which will allow for accurate diagnosis of neuromuscular diseases.

- Properly diagnose and treat patients with common neurologic disorders such as myopathy, dermatomyositis, myositis, amyotrophic lateral sclerosis and mitochondrial disorders.
- Implement available evidence-based treatments such as electrodiagnosis for neuromuscular diseases and integrate these techniques into their own practice.
- Describe the clinical trials available in the management of Motor Neuron Disease.
- Employ existing evidence-based guidelines for the management and treatment of patients with neurological complications during the perioperative care period.
- Manage patients with neurological and rheumatological disorders such as Lupus and myopathy.

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 212.606.1834.

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.

GO TO www.hss.edu/cme for a complete calendar of scheduled CME activities.

PRELIMINARY AGENDA

DAY 1 Thursday, March 15

Basic Concepts in Clinical Neurophysiology

- 9:00a **Registration and Breakfast**
- 9:10a **Welcome**
Dale J. Lange, MD
- 9:15a **Basics of Electromyography and Nerve Conduction Studies**
Jeremy Shefner, MD, PhD
- 10:00a **Interaoperative Monitoring: Basic Concepts**
Ronald G. Emerson, MD
- 10:30a **Break**
- 10:45a **Electromyography: Basic Concepts and Video Demonstration**
Dora K. Leung, MD
- 11:30a **Repetitive Stimulation Studies and Single Fiber EMG**
Sanjeev D. Nandedkar, PhD
- 12:30p **Lunch**
- 1:30p **Rotating Workshops**
Choose 8 of 10 (30 minutes each)
- 1 Advanced Nerve Conduction Studies: Femoral Nerve Studies, Dorsal Scapula/Supra Scapula/Axillary Cases & Phrenic Nerve Studies
 - 2 Repetitive Stimulation Studies
 - 3 Waveform Identification: EMG, SFEMG and OEMG Waveform Unknowns and Vignettes
 - 4 Basics of EMG & EMG Video Lab
 - 5 Intraoperative Monitoring
 - 6 Basic Nerve Conduction Studies Techniques
 - 7 Facial Nerve Studies: Blink Reflexes & Facial Nerve Latencies
 - 8 Laryngeal EMGs
 - 9 Evoked Potential Demonstrations
 - 10 Case Presentations and Discussions
- 5:30p **Adjourn**

DAY 2 Friday, March 16

Neurology/Rheumatology Interface

- 8:30a **Breakfast and Registration**
- 8:55a **Welcome**
- 9:00a **Immunomodulation Therapy in the 21st Century: A Primer for Neurologists?**
Stephen A. Paget, MD, FACP, FACR
- 9:45a **Polymyositis, Dermatomyositis, Necrotizing Myopathy and Inclusion Body Myositis: Clinical and Pathological Features and Management**
Stephen J. DiMartino, MD, PhD, and Ehud Lavi, MD
- 11:00a **Break**
- 11:15a **The Many Faces of Lupus: Clinical and Neuroimaging Studies of Lupus Masquerading as Neurologic Disease**
Michael Lockshin, MD
- 12:00p **Lunch**
- Neurological Perioperative Care: Special Issues Faced by Neurologists**
- 1:00p **Neural Regeneration: Is There Hope for the Damaged Nerve to Regrow?**
Tahseen Mozaffar, MD, FAAN
- 1:45p **Nerve Injuries After Surgery: Identification, Incidence, Cause and Risk Factors**
Dale J. Lange, MD
- 2:20p **Managing Parkinson's Disease in the Perioperative Period**
Alexander Shilbans, MD, PhD
- 2:55p **Break**
- 3:15p **The Special Case of Stroke in the Perioperative Period**
Dora K. Leung, MD

3:50p **Change of Mental Status in the Postoperative State: A Standard of Care Paradigm**
Brian Reichler, MD

4:25p **Care of Concussion in Sports Injury**
Teena Shetty, MD

5:00p **Adjourn**

DAY 3 Saturday, March 17

8:00a **Registration and Breakfast**

Mini Symposium

- 8:15a **Overview of Clinical Trials in ALS and Update on Ongoing Trials, Including Dexpramipexole, Ceftriaxone, Pyrimethamine in Lowering SOD1 in FALS, Diaphragm Pacing, CY4025, NP001 and NOGO**
*Panel of Speakers:
Dale J. Lange, MD
Tahseen Mozaffar, MD, FAAN
Erik P. Pioro, MD, PhD, FRCPC
Jeremy Shefner, MD, PhD*
- 10:15a **Break**
- 10:30a **New Findings in Genetics of ALS, FTD and the Potential Role of Gene Therapy**
Peter Andersen, MD, PhD
- 11:30a **The Role of the Immune System in ALS: New Concepts**
Stanley H. Appel, MD
- 12:30p **Lunch**
- 1:30p **Resident Case Presentations**
- 3:30p **Adjourn**



ACTIVITY FACULTY

ACTIVITY CO-DIRECTORS

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Director, ALSA Program
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Co-Director, Mary Kirkland Center for
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Teena Shetty, MD

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Alexander Shtilbans, MD, PhD

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Assistant Professor of Neurology
Weill Cornell Medical College

PROGRAM COORDINATOR

Casey Reisner

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

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, Neuromuscular Directions 2012:
Current Concepts in Electrodiagnosis,
Neurology/Rheumatology Interface and
Neuromuscular Medicine, to be held March
15-17, 2012, at Hospital for Special
Surgery, 535 E. 70th St., New York, NY.

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

Submission deadline: Friday, March 1, 2012

Five submissions will be selected as
finalists from the submission pool.

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 audience and 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 HIPAA
- Total presentation duration: 20 minutes

Case presentations should be submitted to

Casey Reisner

Professional Education
Events Coordinator
Education & Academic Affairs

Phone 212.606.1812

Fax 212.734.3833

Email reisnerc@hss.edu

PROGRAM **REGISTRATION**

NEUROMUSCULAR **DIRECTIONS** 2012

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Please print.

DATE _____

NAME _____ DEGREE _____

TITLE _____

HOSPITAL AFFILIATION _____

EMAIL ADDRESS _____

ADDRESS _____

CITY/STATE/ZIP _____

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DAYTIME PHONE _____ FAX NUMBER _____

\$ _____ American Express MasterCard Visa Check enclosed
AMOUNT ENCLOSED

CREDIT CARD # _____ EXP. DATE _____

x _____
SIGNATURE

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

WORKSHOPS

Please identify the eight workshops you would like to attend:

- | | |
|--|---|
| <input type="checkbox"/> 1. Advanced Nerve Conduction Studies | <input type="checkbox"/> 6. Basic Nerve Conduction Studies Techniques |
| <input type="checkbox"/> 2. Repetitive Stimulation Studies | <input type="checkbox"/> 7. Facial Nerve Studies: Blink Reflexes & Facial Nerve Latencies |
| <input type="checkbox"/> 3. Waveform Identification: EMG, SFEMG and QEMG Waveform Unknowns and Vignettes | <input type="checkbox"/> 8. Larangeal EMGs |
| <input type="checkbox"/> 4. Basics of EMG & EMG Video Lab | <input type="checkbox"/> 9. Evoked Potential Demonstrations |
| <input type="checkbox"/> 5. Intraoperative Monitoring | <input type="checkbox"/> 10. Case Presentations and Discussions |

REGISTRATION FEES

Registration fees include breakfast, lunch, lecture handouts and CME credits. All registered participants will receive a confirmation e-mail.

REGISTER EARLY, AS SPACE IS LIMITED!

	Thursday Only	Friday Only	Saturday Only	Any 2 Days	All 3 Days	Early Bird All 3 Days Before 2/17
Physicians	\$295	\$295	\$250	\$545	\$800	\$775
Allied Health	\$150	\$150	\$100	\$250	\$375	\$350
Residents & Fellows	\$25 Application Fee					

For On-Site Registration, add \$25 to the appropriate category above. Please note: Registration will not be processed unless accompanied by payment.



Hospital for Special Surgery is a participating organization of the Bone and Joint Decade. 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.
- 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

Casey Reisner
Professional Education Events
Coordinator
Education & Academic Affairs
Hospital for Special Surgery
tel: 212.606.1812
email: reisnerc@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

Hospital for Special Surgery

535 East 70th Street
New York, NY 10021

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