

# PROGRAM SCHEDULE

The Rusk Institute of Rehabilitation Medicine Department  
of Rehabilitation Medicine Post-Graduate Medical School

Sponsored by the NYU Post-Graduate Medical School

NYU

School of Medicine

35th Annual Comprehensive Review of

# Physical Medicine and Rehabilitation

Monday-Saturday • March 22-27, 2010

Special One-Day Course  
March 27, 2010

# CME Information

**TARGET AUDIENCE** Senior Physical Medicine and Rehabilitation resident physicians preparing for Part I (written) of the Board Certification Examination; PM&R physicians in their first year of practice preparing for Part II (Oral) of the Board Certification Examination; practicing PM&R physicians seeking continuing medical education and knowledge update.

**COURSE DESCRIPTION** This intensive six-day and three-evening review course is designed to examine current practice with emphasis on recent advances in the field of Physical Medicine and Rehabilitation. Ample time is provided for questions throughout the course. One-on-one registrant/faculty practice oral examinations

will be available for registrants on Tuesday or Thursday evening. Written questions workshop on Wednesday evening. This year will also include a hands-on workshop on Spasticity Management and a lecture on Regulatory Challenges in PM&R and Health Care in addition to the Special One-Day Electrodiagnosis Program on Saturday.

**STATEMENT OF NEED** The goal of this course is to deliver a comprehensive review and update of the field of Physical Medicine and Rehabilitation for both candidates taking Parts 1 and 2 of the required Board exams as well as practitioners. This year's program focuses on topics such as interventional pain that are now being discussed within the literature, highly technical skills that

## Faculty

### COURSE DIRECTOR

#### Alex Moroz, MD

Assistant Professor

Department of Rehabilitation Medicine

NYU School of Medicine

Director of Residency Training &

Medical Education

### PLANNING COMMITTEE

Jeffrey Cohen, Steven Flanagan,  
Patricia Lerner, Ira Rashbaum,  
Sandy Subramany

### GUEST FACULTY

#### Randall L. Braddom, MD, MS

Clinical Professor

Department of Rehabilitation Medicine

Robert Wood Johnson Medical School

University of Medicine and Dentistry of New Jersey

New Brunswick, NJ

#### Thomas Bryce, MD

Associate Professor

Department of Rehabilitation Medicine

Mount Sinai School of Medicine

New York, NY

#### Adrian Cristian, MD

Associate Professor

Department of Rehabilitation Medicine

Mount Sinai School of Medicine

Chief of Rehabilitation Medicine

James J. Peters Veterans Affairs Medical Center

Bronx, NY

#### Joan E. Edelstein, MA, PT, FISPO

Special Lecturer

Columbia University

New York, NY

#### Erwin G. Gonzalez, MD

Clinical Professor Emeritus

of Rehabilitation Medicine

Albert Einstein College of Medicine

Yeshiva University

Bronx, NY

#### Eric S. Hoffman

Certified Orthotist Prosthetist

Marlboro, NJ

#### Willibald Nagler, MD

Professor of Rehabilitation Medicine

Cornell Medical College

Physiatrist in Chief Emeritus

Weill Medical College of Cornell University

New York, NY

#### Mario Nelson, MD

Associate Professor

Department of Rehabilitation Medicine

New York Medical College

Valhalla, NY

#### Adam B. Stein, MD

Chairman, Department of PM&R

Long Island Jewish Medical Center

Great Neck, NY

#### Michael Stubblefield, MD

Assistant Professor of Rehabilitation Medicine

Weill Medical College of Cornell University

Assistant Attending Physiatrist

Memorial Sloan Kettering Cancer Center

New York, NY

#### Lyn D. Weiss, MD

Professor of Clinical Physical Medicine

and Rehabilitation

SUNY Stony Brook

Stony Brook, NY

Chair and Program Director, Department of

Physical Medicine and Rehabilitation

Nassau University Medical Center

East Meadow, NY

#### NYU SCHOOL OF MEDICINE FACULTY

#### Jung H. Ahn, MD

Clinical Professor

Department of Rehabilitation Medicine

NYU School of Medicine

#### Jeffrey Cohen, MD

Clinical Professor

Department of Rehabilitation Medicine

NYU School of Medicine

#### Michal E. Eisenberg, MD

Instructor

Department of Neurology

NYU School of Medicine

Neurorehabilitation Unit

NYU Hospital for Joint Diseases

physiatrists need such as electrodiagnosis, ITB pump refilling and botulinum-toxin injections, and timely issues such as traumatic brain injuries occurring during warfare, and regulatory changes within the field regarding reimbursement.

### **EDUCATIONAL OBJECTIVES**

- Demonstrate correct technique of procedures for interventional pain, including epidural injections, facet injections, vertebroplasty & kyphoplasty and describe reimbursement issues associated with this treatment
- Based on expert direction and the literature, incorporate evidence-based techniques for performing electro-diagnostic tests into practice

- Recognize the symptoms of Traumatic Brain Injury and apply diagnostic strategies to practice
- Incorporate injection and implanting techniques into practice when treating spasticity management with botulinum toxin or use of an intrathecal baclofen (ITB) pump.
- Utilize best evidence-based clinical guidelines for diagnosis and treatment of musculoskeletal disorders
- Discuss the effects of current trends in treatment and reimbursements in the field of physical medicine and rehabilitation and strategies to address these issues with patients

### **Joseph Fetto, MD**

*Associate Professor*

*Department of Orthopedic Surgery  
NYU School of Medicine*

### **Steven Flanagan, MD**

*Professor & Chairman*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Christopher G. Gharibo, MD**

*Assistant Professor of Anesthesiology  
NYU School of Medicine*

*Medical Director of Pain Medicine*

*NYU Hospital for Joint Diseases*

### **Joan T. Gold, MD**

*Clinical Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Jeffrey Gross, MD**

*Clinical Associate Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Sheila E. Horn, DO**

*Assistant Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Owen P. Kieran, MD**

*Clinical Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

*Director, Rehabilitation Medicine*

*Bellevue Hospital Center*

### **Patricia Kerman Lerner, MA, CCC, BRS-S**

*Assistant Clinical Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

*Director, Swallowing Disorders Center*

### **Dong Ma, MD**

*Clinical Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Bryan O'Young, MD**

*Clinical Associate Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Valerie Peck, MD**

*Clinical Associate Professor*

*Department of Medicine  
NYU School of Medicine*

### **Jai Perumal, MD**

*Assistant Professor*

*Department of Neurology  
NYU School of Medicine*

### **Ira Rashbaum, MD**

*Clinical Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Keith Raskin, MD**

*Clinical Assistant Professor*

*Department of Orthopedic Surgery*

*Division of Hand and Microsurgery*

*NYU School of Medicine*

### **Edwin Richter, MD**

*Clinical Associate Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

*Program Director*

*Department of Rehabilitation Medicine*

*Stamford Hospital, Stamford, CT*

### **Leon Rybak, MD**

*Assistant Professor*

*Department of Radiology*

*NYU School of Medicine*

*Acting Section Head, Musculoskeletal Radiology*

*Department of Radiology*

*NYU Hospital of Joint Diseases*

### **Martha Taylor Sarno, MA, MD (hon)**

*Research Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Bruce Solitar, MD**

*Clinical Associate Professor*

*Department of Medicine*

*NYU School of Medicine*

### **Jonathan Whiteson, MD**

*Assistant Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

### **Victoria Zhang, MD**

*Clinical Assistant Professor*

*Department of Rehabilitation Medicine  
NYU School of Medicine*

# General Information

## LOCATION

NYU School of Medicine  
Smilow Seminar Room  
550 First Avenue (at 31st St.)  
New York, NY 10016

NYU School of Medicine is located in a predominately residential area on the east side of Manhattan.

**PHOTO IDENTIFICATION IS REQUIRED TO ENTER THE MEDICAL CENTER.**

## PLEASE NOTE:

- **Online Registration Preferred**
- Telephone registration is not accepted.
- Applications will be accepted in order of their receipt.

Registration Office:

NYU Post-Graduate Medical School  
Murray Hill Station, P.O. Box 1855  
New York, NY 10016  
Phone: (212) 263-5295

Fax: (212) 263-5293

Visit our website at

<http://cme.med.nyu.edu/pmr>  
to submit online registration.

## ACCREDITATION STATEMENT

The NYU Post-Graduate Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## Credit Designation Statement

The NYU Post-Graduate Medical School designates this educational activity for a maximum of 51.25 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

To obtain CME credit, you must: (1) have your ID badge electronically scanned for attendance once each day, and (2) access our website, <http://cme.med.nyu.edu/pmr>, and click on the Online Course Evaluator/CME Credit Process (follow all instructions to receive instantaneous letter of credit).

## Electrodiagnosis Program Credit Designation Statement

The NYU Post-Graduate Medical School designates this educational activity for a maximum of 7.25 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

To obtain CME credit, you must: (1) have your ID badge electronically scanned for attendance once each day, and (2) access our website, <http://cme.med.nyu.edu/pmr>, and click on the Online Course Evaluator/CME Credit Process (follow all instructions to receive instantaneous letter of credit).

## DISCLOSURE STATEMENT

The NYU Post-Graduate Medical School adheres to the ACCME Essential Areas and policies, including the Standards for Commercial Support, regarding industry support of continuing medical education.

In order to resolve any identified Conflicts of Interest, disclosure information is provided during the planning process to ensure resolution of any identified conflicts.

Disclosure of faculty and commercial relationships as well as the discussion of unlabeled or unapproved use of any drug, device or procedure by the faculty will be fully noted at the meeting.

## PARKING

Discounted parking is available at the Manhattan Parking Garage (you must enter before 10:00 AM) located near the Medical Center at 333 E. 34th Street.

There is additional street parking on 29th and 30th Streets between First and Second Avenues.

For more information visit our website at <http://www.med.nyu.edu/contact/directions/parking.html>

## HOTEL ACCOMMODATIONS

Rooms are in very heavy demand in New York City; we urge you to make your reservations early. You may obtain a list of hotels located near NYU School of Medicine by visiting our website, <http://cme.med.nyu.edu/travel/hotels-lodging>

# Program Schedule

## MONDAY, MARCH 22

7:15 Registration and Continental Breakfast

7:45 Introduction  
*Alex Moroz, MD*  
*Steven Flanagan, MD*

8:00 Normal Gait  
*Joan E. Edelstein, MA, PT, FISPO*

9:00 Lower Extremity Amputation: Early Management  
*Edwin Richter, MD*

9:45 Coffee Break

10:00 Lower Limb Prosthetics  
*Joan E. Edelstein, MA, PT, FISPO*

12:00 Lunch Break

1:00 Pathological Gait  
*Joan E. Edelstein, MA, PT, FISPO*

2:00 Upper Limb Prosthetics  
*Joan E. Edelstein, MA, PT, FISPO*

2:45 Coffee Break

3:00 Orthotics  
*Eric Hoffman*

4:15 Energy Expenditure During Ambulation  
*Erwin G. Gonzalez, MD*

5:45 Adjourn

3:30 Workshop: Botulinum Toxin Injection  
*Victoria Zhang, MD*

3:30 Workshop: Intrathecal Baclofen Pump Management  
*Steven Flanagan, MD*

5:00 Dinner Break

6:00 Oral Exam Techniques (Rusk Institute) Optional Faculty

8:00 Adjourn

## WEDNESDAY, MARCH 24

7:30 Continental Breakfast

8:00 Spinal Cord Rehabilitation  
*Adam B. Stein, MD*

9:00 Spinal Cord Rehabilitation  
*Thomas Bryce, MD*

10:00 Coffee Break

10:15 Spinal Cord Rehabilitation  
*Jung H. Ahn, MD*

11:45 Lunch Break

1:00 Rehabilitation of Patients with Multiple Sclerosis  
*Jai Perumal, MD*

2:00 Cardiac Rehabilitation  
*Jonathan Whiteson, MD*

3:00 Coffee Break

3:15 Pulmonary Rehabilitation  
*Jonathan Whiteson, MD*

4:00 Cancer Rehabilitation  
*Michael Stubblefield, MD*

5:00 Dinner Break

6:00 Written Questions Workshop  
*Bryan O'Young, MD*

8:00 Adjourn

## THURSDAY, MARCH 25

7:30 Continental Breakfast

8:00 Interventional Pain Procedures: Indication, Complications & Technical Aspects  
*Christopher G. Gharibo, MD*

9:00 Pharmacological Management of Pain  
*Christopher G. Gharibo, MD*

10:30 Coffee Break

10:45 Complex Regional Pain Syndrome  
*Jeffrey Cohen, MD*

11:30 Lunch Break

## TUESDAY, MARCH 23

7:30 Continental Breakfast

8:00 Traumatic Brain Injury: Epidemiology, Classification, Early Management  
*Steven Flanagan, MD*

8:45 Pharmacological Treatment of Traumatic Brain Injury  
*Steven Flanagan, MD*

9:45 Coffee Break

10:00 Rehabilitation of Patients with Stroke  
*Ira Rashbaum, MD*

11:00 Aphasia  
*Martha Taylor Sarno, MA, MD (hon)*

11:45 Lunch Break

1:00 Rehabilitation of Children: Spina Bifida and Cerebral Palsy  
*Joan T. Gold, MD*

2:00 Dysphasia  
*Patricia Kerman Lerner, MA, CCC, BRS-S*

2:45 Treatment of Spasticity  
*Michal E. Eisenberg, MD*

12:30 Geriatric Rehabilitation  
*Adrian Cristian, MD*

1:30 Rehabilitation of Patients with Burns  
*Willibald Nagler, MD*

2:30 Coffee Break

2:45 Physical Modalities  
*Owen P. Kieran, MD*

3:45 Principles in Hand Rehabilitation  
*Keith Raskin, MD*

4:30 Dinner Break

5:30 Oral Exam Techniques (Rusk Institute)

7:30 Adjourn

### FRIDAY, MARCH 26

7:30 Continental Breakfast

8:00 Joint Replacement and Rehabilitation  
*Joseph Fetto, MD*

8:45 Arthritis: Diagnosis and Medical Management  
*Bruce Solitar, MD*

9:30 Osteoporosis  
*Valerie Peck, MD*

10:15 Magnetic Resonance Imaging of the Degenerative Lumbar Spine  
*Leon Rybak, MD*

11:00 Industrial Medicine Cumulative Trauma Disorders  
*Sheila E. Horn, MD*

12:00 Lunch with Dr. Steven Flanagan  
Smilow Multipurpose Room

1:00 Sports Injuries: Management and Exercise Prescription  
*Jeffrey Gross, MD*

2:00 Regulatory Challenges in PM&R and Health Care  
*Randall L. Braddom, MD*

3:00 Coffee Break

3:15 Physiology of Exercise for Strength  
*Randall L. Braddom, MD*

4:15 Management of Cervical Pain Syndrome  
*Randall L. Braddom, MD*

5:15 Management of Lumbar Spine Pain Syndromes  
*Randall L. Braddom, MD*

6:15 Adjourn

### SATURDAY, MARCH 27

7:30 Continental Breakfast

8:00 Electrodiagnostic Examination of Myopathies and Motor Neuron Disease  
*Randall L. Braddom, MD*

9:15 Electrodiagnostic Examination of Radiculopathies  
*Randall L. Braddom, MD*

10:15 Coffee Break

10:30 H-Reflex and F-Response  
*Randall L. Braddom, MD*

11:00 Evoked Potentials  
*Mario Nelson, MD*

12:00 Lunch Break

1:00 Carpal Tunnel Syndrome  
*Dong Ma, MD*

2:00 Peripheral Polyneuropathies  
*Dong Ma, MD*

3:00 Entrapment Syndromes  
*Lyn D. Weiss, MD*

4:30 Adjourn

### SPECIAL ONE-DAY ELECTRODIAGNOSIS PROGRAM

Register for one day only (for those not registered for the full course)

### SATURDAY, MARCH 27, 2009

Full Fee \$160.00 (physicians)  
CME CREDITS 7.25 (Category 1)  
To register, complete registration form and check off "One-Day Electrodiagnosis"  
(Register online at <http://cme.med.nyu.edu/pmr>)

# Registration Form

Register online at: <http://cme.med.nyu.edu/pmr>

AFTER MARCH 19TH  
ONLY ON-SITE  
REGISTRATION  
AVAILABLE

**I AM REGISTERING FOR:**

- 35th Annual Comprehensive Review of Physical Medicine and Rehabilitation, #653, March 22 - 27, 2010
- ONE-DAY ELECTRODIAGNOSIS PROGRAM, #653A, March 27, 2010
- One-on-one registrant/faculty practice oral examination

**PLEASE PRINT CLEARLY**

Name \_\_\_\_\_  
First \_\_\_\_\_ M.I. \_\_\_\_\_ Last \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Day Phone (        ) \_\_\_\_\_ Fax (        ) \_\_\_\_\_

Email \_\_\_\_\_  
*Required for CME credit*

Specialty \_\_\_\_\_

Degree \_\_\_\_\_

On-site registrants will incur an additional \$20 charge and will receive a receipt by email in 1-2 weeks.

**SIX-DAY COURSE:** Full Fee Physicians: \$695 Reduced Fee: \$350\*

Physician Early Registration Fee: \$650 (by January 22, 2010)

**ONE-DAY ELECTRODIAGNOSIS PROGRAM:**

Full Fee Physicians: \$160 Reduced Fee: \$120\*

\*Reduced fee applies to: NYU Department of Rehabilitation Alumni only

**REFUND POLICY:** An administrative charge of 30% of your tuition payment will be assessed for cancellations prior to March 10, 2010. Cancellations must be in writing and postmarked no later than the above date (faxes and emails are not accepted). Cancellations will not be accepted after the above date.

**COURSE CANCELLATION POLICY:** In the unusual circumstance these courses are cancelled, two weeks notice will be given and tuition will be refunded in full. The NYU Post-Graduate Medical School is not responsible for any airfare, hotel or other costs incurred.

**METHODS OF PAYMENT:** (Cash and phone registration are not accepted.) If faxing, do not mail or refax, this will only result in a duplicate charge to your account.

- Check in U.S. Dollars only \$ \_\_\_\_\_
- Credit Card Payment (see below)
- International Postal Money Order  
(Foreign registrants, including those from Canada, must pay by International Postal Money Order or credit card): \$ \_\_\_\_\_

**PAYMENT BY CREDIT CARD:**

Credit card payments may be faxed to (212) 263-5293.

Amount to be charged \$ \_\_\_\_\_

Bill To:  Visa  MasterCard  American Express

Credit Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_ CVC Code (last 3 digits on back of card) \_\_\_\_\_

Card Member's Name \_\_\_\_\_  
*(Please print)*

Signature \_\_\_\_\_

**MAKE CHECK PAYABLE TO:** NYU Post-Graduate Medical School

**SEND TO:** Registration Office - NYU Post-Graduate Medical School

P.O. Box 1855, Murray Hill Station, New York, N.Y. 10016

To help fulfill your continuing education needs, submit a question or topic relating to this course: \_\_\_\_\_



Special needs or requests: \_\_\_\_\_

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## **School of Medicine**

Post-Graduate Medical School  
550 First Avenue, New York, NY 10016



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and Rehabilitation**  
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