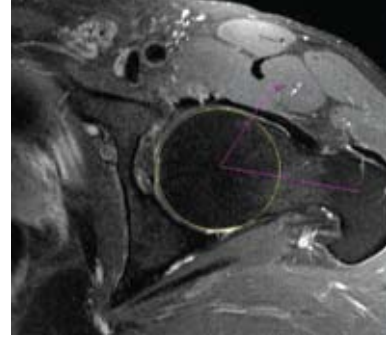


The Department of
Radiology Presents:



SPORTS MEDICINE IMAGING STATE OF THE ART:

A COLLABORATIVE COURSE FOR RADIOLOGISTS
AND SPORTS MEDICINE SPECIALISTS

MAY 24–26, 2010

FACULTY:

NYU Department of Radiology

NYU Department of Orthopaedic Surgery

GUESTS:

Larry White, M.D. & Javier Beltran, M.D.

Featuring
Live
Dissections
with MRI
Correlation



NYU Sports Medicine Imaging Overview

Monday–Wednesday, May 24–26, 2010

**NYU Langone Medical Center,
Farkas Auditorium**

Course Director

Leon D. Rybak, M.D.

Assistant Professor
of Radiology
Acting Chief,
Musculoskeletal Radiology

Guest Faculty

Javier Beltran, M.D.

Chairman,
Department of Radiology
Maimonides Medical
Center, Brooklyn, NY
Adjunct Professor,
Radiology
SUNY Downstate
Medical School

Lawrence M. White, M.D.

Head, Division of
Musculoskeletal Imaging
Professor of Medical
Imaging and Orthopedics
University of Toronto
Staff Radiologist,
Musculoskeletal Imaging
Mt. Sinai Hospital,
Toronto, Canada

NYU/HJD Faculty

Jenny T. Bencardino, M.D.

Associate Professor
of Radiology

Cary B. Chapman, M.D.

Clinical Assistant Professor
of Orthopaedic Surgery

Gina A. Ciavarra, M.D.

Assistant Professor
of Radiology

Roy I. Davidovitch, M.D.

Assistant Professor of
Orthopaedic Surgery

Christian Glaser, M.D.

Visiting Associate Professor
of Radiology
Musculoskeletal Research

Laith Jazrawi, M.D.

Assistant Professor
of Orthopaedic Surgery

Thorsten Kirsch, Ph.D.

Professor of Orthopaedic
Surgery and Cell Biology

**Young W. Kwon,
M.D., Ph.D.**

Assistant Professor of
Orthopaedic Surgery

Steve K. Lee, M.D.

Assistant Professor of
Orthopaedic Surgery

Michael B. Mechlin, M.D.

Assistant Professor
of Radiology

Sandra L. Moore, M.D.

Assistant Professor
of Radiology

Catherine N.

Petchprapa, M.D.

Assistant Professor
of Radiology

Michael P. Recht, M.D.

Louis Marx Professor
and Chairman,
Department of Radiology

Andrew S. Rokito, M.D.

Assistant Professor of
Orthopaedic Surgery

Zehava Sadka

Rosenberg, M.D.

Professor of Radiology and
Orthopaedic Surgery

Leon D. Rybak, M.D.

Assistant Professor
of Radiology
Acting Chief,
Musculoskeletal Radiology

Orrin H. Sherman, M.D.

Associate Professor of
Orthopaedic Surgery

Pippa A. Storey, Ph.D.

Assistant Professor
of Radiology

Gerard P. Varlotta, D.O.

Clinical Associate Professor
of Orthopaedic Surgery

David S. Weiss, M.D.

Clinical Associate Professor
of Orthopaedic Surgery

Graham Wiggins, Ph.D.

Assistant Professor
of Radiology

Thomas Youm, M.D.

Clinical Assistant Professor
of Orthopaedic Surgery

Joseph D.

Zuckerman, M.D.

Walter A.L. Thompson
Professor and Chair,
Department of
Orthopaedic Surgery

Target Audience

The target audience for this program will be radiologists both in academic and private practice seeking to increase their skills in musculoskeletal radiology as well as orthopaedists and physical medicine and rehabilitation practitioners interested in learning how imaging can best be incorporated into their practice. This course is also appropriate for trainees in the same areas.

Statement of Need/Course Description

The Sports Medicine Imaging State of the Art course offers a comprehensive and intensive 3 day program in musculoskeletal radiology. There has been tremendous growth in the field of radiology and in the area of musculoskeletal imaging in particular, making it mandatory for radiologists, both in academic and private practice settings, to continually update their skills and complement their knowledge base. These advances have raised the bar for radiologists everywhere and changed the standard of care. Maintenance of certification also requires radiologists to stay current with new advances in the field.

With the growth of radiology and the increasing importance it plays both in the diagnosis and treatment of diseases in the musculoskeletal system it has also become imperative for practicing orthopaedists and practitioners of physical medicine and rehabilitation to have a basic understanding of imaging and how it can best be used in service of the patient.

This program will offer a unique and innovative comprehensive program in sports related injuries which is organized by body part and includes a review of relevant anatomy in each area. We will incorporate both anatomic dissections by respected members of the NYU orthopaedic faculty as well as high level imaging performed on our state of the art facilities and described by the dedicated musculoskeletal radiology faculty. A discussion of relevant sports related pathology will then ensue including the orthopaedists perspective on how imaging is best incorporated in their everyday practice and decision making. All of the major joints will be covered in this comprehensive fashion with additional sessions dedicated to the latest technical advances in musculoskeletal MRI in general and in the imaging of articular cartilage in particular. Other current and relevant topics to be covered will include femoroacetabular impingement in the young adult, the post-operative patient, athletic pubalgia/sports hernias and the use of ultrasound in specific joints.

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

The NYU Post-Graduate Medical School designates this educational activity for a maximum of 22.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Monday, May 24, 2010

7.50 credits

Tuesday, May 25, 2010

7.75 credits

Wednesday, May 26, 2010

7.50 credits

ing State of the Art & General Information

Disclosure Statement

The NYU Post-Graduate Medical School adheres to 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.

Educational Objectives

1. Apply up-to-date MR imaging technologies in the evaluation of the musculoskeletal system (including the foot, ankle, shoulder, bone marrow, ligaments, etc.), in order to provide timely diagnosis and improved treatment for orthopaedic ailments.
2. Describe current research with respect to cartilage changes which may precede the development of osteoarthritis and describe current cartilage repair procedures: what are they and when are they appropriate.
3. Based on advanced imaging techniques, establish appropriate protocols for instability, including when is imaging worthwhile, what do I need to know, and what are my surgical options?
4. Based on gross dissection, describe the important surgical anatomy of the elbow and wrist.
5. Modify imaging techniques and protocols for all areas of musculoskeletal MRI including the hip, knee, shoulder, foot, for improved therapeutic decision making.

Meeting Location

NYU Langone Medical Center - Farkas Auditorium
550 First Avenue, between 32nd and 33rd Streets

Registration Information

Online registration is fast and easy. Go to www.radcme.med.nyu.edu or fax the registration sheet from this brochure.

How to Reach NYULMC

By Bus: The M15 bus runs the length of First Avenue in Manhattan and stops at 32nd Street and First Avenue. The M34 bus runs the length of 34th Street in Manhattan and stops directly in front of the north entrance to NYU Langone Medical Center on 34th Street, east of First Avenue. The M16 bus directly connects nationwide bus service at the Port Authority Bus Terminal (42nd Street & 8th Avenue) with the NYU Langone Medical Center 34th Street entrance bus stop. One bus fare is \$2.00. A MetroCard or coins are required.

By Subway: The subway costs \$2.25. The stop closest to the NYU Langone Medical Center is the 33rd Street stop (at Park Avenue) on the Number 6 line. Walk east to First Avenue.

From Penn Station: The NYU Langone Medical Center is directly across town along 32nd Street from Penn Station. Take the M34 bus going east (south side of the street) to its final stop. You can also walk east across town along 34th Street, 33rd Street or 32nd Street. Taxis may deposit passengers at the main lobby entrance on First Avenue.

By Car: Please go to the NYULMC website to help you plan the best route to get here: (www.med.nyu.edu/contact/directions) or call the General Information number at 212-263-7300.

Parking*:

- **Rapid Park Industries:** 575 First Avenue at 33rd Street (across the street from NYU Langone Medical Center)
- **Central Parking System:** 530 First Avenue at 30th Street (under NYU Langone Medical Center)
- **Imperial Parking:** 377 33rd Street between First and Second Avenues
- **Square Plus:** 500 34th Street between First Avenue and the FDR Drive

**There are many parking garages located nearby the NYU Langone Medical Center and limited street parking is available. Rates and hours of parking garages vary; please contact the individual service provider directly with any questions.*

Special Needs

The Post-Graduate Medical School of the New York University School of Medicine, in compliance with the legal requirements of the Americans with Disabilities Act, requests any participant of this CME course who is in need of accommodation to submit written requests to our office at least one month prior to the course date.

Hotel Accommodations

A block of rooms has been reserved at the Affinia Dumont.

Affinia Dumont

WWW.AFFINIA.COM • 150 EAST 34TH STREET
(approximately 7 minute walk to NYU)

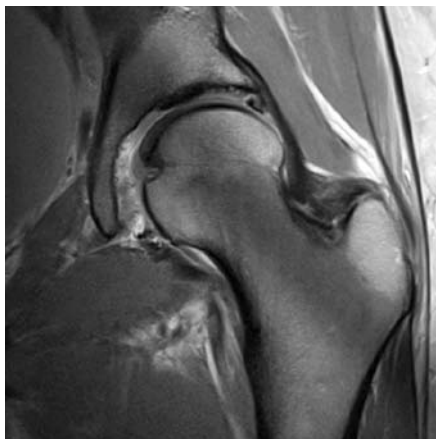
The Affinia Dumont combines a high-tech and health-conscious concept to help travelers stay productive and fit with stylish, modern suites and an on-site fitness spa. Conveniently located in central Murray Hill, the Dumont offers 242 spacious suites featuring executive workspace with modern amenities and technology such as high-speed Internet access and in-room fax/printer/copier. The hotel's health focus is emphasized by amenities such as a 3-choice pillow menu, a Fitness Concierge, in-room Fit Kits, and the Oasis Day Spa.

1 BEDROOM STUDIO: \$229/NIGHT

Room block begins Sat, 5/22 through Wednesday, 5/26. Should guests plan to arrive prior to, or depart after the official room block dates, the Hotel agrees to offer reduced rates based on availability.

Reservations

Call 1-866-233-4642 and mention **NYU Sports Medicine**. Email: reservations@affinia.com and mention **NYU Sports Medicine**. **Cut-off date** for accepting reservations at this rate is **Thursday, May 6th**.



Sports Medicine Imaging Program

NYU Langone Medical Center, Farkas Auditorium

MONDAY, MAY 24, 2010

7:15am *Registration and Breakfast*

HIP

- 8:00am **Welcome**
Leon D. Rybak, M.D.
- 8:10am **SURGICAL ANATOMY OF THE HIP: GROSS DISSECTION WITH IMAGING CORRELATION**
Roy I. Davidovitch, M.D. & Michael B. Mechlin, M.D.
- 8:40am **FAI - HOW PREVALENT IS IT AND WHAT ARE THE CLINICAL FINDINGS?**
Roy I. Davidovitch, M.D.
- 8:55am **FAI - HOW DO YOU IMAGE AND WHAT ARE THE IMAGING FINDINGS?**
Catherine N. Petchprapa, M.D.
- 9:25am **FAI - SURGICAL TREATMENT OPTIONS AND HOW IMAGING FINDINGS AFFECT THEM**
Thomas Youm, M.D.
- 9:55am *Panel Discussion and Questions*
- 10:15am *Break*
- 10:30am **EXTRAARTICULAR HIP IMAGING: MUSCLES, TENDON AND BURSAE**
Zehava Sadka Rosenberg, M.D.
- 11:00am **ATHLETIC PUBALGIA/SPORTS HERNIA: BIOMECHANICAL CONSIDERATIONS & IMAGING FINDINGS**
Jenny T. Bencardino, M.D.
- 11:30am **AVN, BONE MARROW EDEMA SYNDROME, AND SUBCHONDRAL FRACTURES: CURRENT CONCEPTS**
Christian Glaser, M.D.
- 12:00pm *Panel Discussion and Questions*
- 12:15pm *Lunch*

KNEE

- 1:30pm **SURGICAL ANATOMY WITH GROSS DISSECTION AND IMAGING CORRELATION**
Orrin H. Sherman, M.D. & Sandra L. Moore, M.D.
- 2:00pm **MENISCI: SURGICAL OPTIONS AND HOW IMAGING AFFECTS MY DECISIONS**
Laith Jazrawi, M.D.
- 2:30pm **MR OF MENISCI: PRE AND POST-OP**
Jenny T. Bencardino, M.D.
- 3:00pm **LIGAMENTS: WHAT DO I NEED TO KNOW, WHAT DO I OPERATE ON & WHAT ARE MY OPERATIVE OPTIONS**
Laith Jazrawi, M.D.
- 3:30pm *Break*
- 3:45pm **MR OF ACL: INJURIES & POSTOPERATIVE APPEARANCE**
Lawrence M. White, M.D.
- 4:15pm **MR OF POSTEROMEDIAL & POSTEROLATERAL CORNER**
Catherine N. Petchprapa, M.D.
- 4:45pm **MR OF THE EXTENSOR MECHANISM: WHAT IS IMPORTANT**
Zehava Sadka Rosenberg, M.D.
- 5:15pm *Panel Discussion and Questions*
- 5:30pm *Adjourn*

TUESDAY, MAY 25, 2010

7:30am *Breakfast*

SHOULDER

- 8:00am **IMPORTANT SURGICAL ANATOMY WITH GROSS DISSECTION AND IMAGING CORRELATION**
Joseph D. Zuckerman M.D. & Jenny T. Bencardino, M.D.
- 8:30am **ROTATOR CUFF PATHOLOGY: WHEN IS IMAGING WORTHWHILE, WHAT DO I NEED TO KNOW, AND WHAT ARE MY SURGICAL OPTIONS**
Andrew S. Rokito, M.D.
- 9:00am **IMAGING OF ROTATOR CUFF INCLUDING POST-OPERATIVE IMAGING**
Javier Beltran, M.D.
- 9:30am **ROTATOR INTERVAL AND BICEPS**
Michael P. Recht, M.D.
- 10:00am *Break*
- 10:15am **INSTABILITY: WHEN IS IMAGING WORTHWHILE, WHAT DO I NEED TO KNOW, AND WHAT ARE MY SURGICAL OPTIONS**
Young W. Kwon M.D., Ph.D.
- 10:45am **IMAGING OF INSTABILITY & INSTABILITY REPAIRS**
Lawrence M. White, M.D.
- 11:15am **IMAGING OF THE THROWING SHOULDER**
Michael P. Recht, M.D.
- 11:45am **US OF THE SHOULDER: INDICATIONS & TECHNIQUES**
Leon D. Rybak, M.D.
- 12:15pm *Panel Discussion*
- 12:30pm *Lunch*

ELBOW AND WRIST

- 1:30pm **IMPORTANT SURGICAL ANATOMY OF THE ELBOW AND WRIST WITH GROSS DISSECTION**
Steve K. Lee, M.D. & Catherine N. Petchprapa, M.D.
- 2:00pm **WHEN DO I IMAGE THE ELBOW AND WHY?**
Laith Jazrawi, M.D.
- 2:30pm **IMAGING OF ELBOW LIGAMENTS & TENDONS**
Javier Beltran, M.D.
- 3:00pm *Break*
- 3:15pm **WHEN DO I IMAGE THE WRIST AND WHY?**
Steve K. Lee, M.D.
- 3:45pm **IMAGING OF INTRINSIC LIGAMENTS OF THE WRIST**
Javier Beltran, M.D.
- 4:15pm **MRI OF FINGER INJURIES**
Catherine N. Petchprapa, M.D.
- 4:45pm **ULTRASOUND OF THE ELBOW, WRIST & HAND**
Gina A. Ciavarra, M.D.
- 5:15pm *Panel Discussion and Questions*
- 5:30pm *Adjourn*

WEDNESDAY MAY 26, 2010

7:30am *Breakfast*

MR TECHNIQUE & PHYSICS: WHAT YOU NEED TO KNOW

- 8:00am **NEW PULSE SEQUENCES: 3D & NON-MORPHOLOGIC- DO THEY HAVE ANY RELEVANCE IN MSK IMAGING?**
Christian Glaser, M.D. & Pippa A. Storey, Ph.D.
- 8:30am **FIELD STRENGTH AND COILS: DO THEY MAKE A DIFFERENCE & ARE THEY WORTH THE EXTRA COST?**
Graham Wiggins, Ph.D. & Christian Glaser, M.D.
- 9:00am **POSTOP IMAGING: CT AND MR TECHNIQUE - PEARLS & PITFALLS TO CREATING OPTIMAL IMAGES**
Lawrence M. White, M.D.
- 9:30am *Panel Discussion and Questions*
- 9:45am *Break*

CARTILAGE IMAGING: WILL THE PROMISE EVER BE REALIZED?

- 10:00am **CARTILAGE FUNCTION AND PATHOLOGY**
Thorsten Kirsch, Ph.D.
- 10:20am **CARTILAGE IMAGING: MORPHOLOGIC AND BIOCHEMICAL: STATE OF THE ART**
Michael P. Recht, M.D.
- 10:50am **CARTILAGE REPAIR PROCEDURES: WHAT ARE THEY AND WHEN ARE THEY APPROPRIATE**
Laith Jazrawi, M.D.
- 11:30am **IMAGING OF CARTILAGE REPAIR PROCEDURES: WHAT IS NORMAL AND WHAT IS PATHOLOGIC**
Christian Glaser, M.D.
- 12:00pm *Panel Discussion*
- 12:15pm *Lunch*

FOOT AND ANKLE

- 1:30pm **SURGICAL ANATOMY WITH GROSS DISSECTION AND IMAGING CORRELATION**
Zehava Sadka Rosenberg, M.D. & Cary B. Chapman, M.D.
- 2:00pm **WHY DO I ORDER A MR OF THE ANKLE AND FOOT AND HOW DOES IT AFFECT MY DECISION MAKING**
David S. Weiss, M.D.
- 2:15pm **MR OF TENDONS AND LIGAMENTS OF THE ANKLE: WHAT IS IMPORTANT**
Zehava Sadka Rosenberg, M.D.
- 2:45pm **ULTRASOUND OF THE FOOT AND ANKLE: TECHNIQUES AND INDICATIONS**
Leon D. Rybak, M.D.
- 3:00pm **IMAGING OF SPORTS INJURIES OF THE MID AND FOREFOOT**
Jenny T. Bencardino, M.D.
- 3:30pm *Panel Discussion and Questions*
- 3:45pm *Break*

MUSCLE AND MARROW

- 4:00pm **MUSCLE INJURY IN THE HIGH PERFORMANCE ATHLETE - IMAGING PERSPECTIVE**
Leon D. Rybak, M.D.
- 4:15pm **MUSCLE INJURY IN THE HIGH PERFORMANCE ATHLETE - CLINICAL PERSPECTIVE**
Gerard P. Varlotta D.O.
- 4:30pm **IMAGING OSSEOUS STRESS INJURIES IN THE ATHLETE**
Sandra L. Moore, M.D.
- 5:00pm *Closing Remarks and Questions*
- 5:15pm *Adjourn*

Sports Medicine Imaging State of the Art Registration Form

Online
Registration
is the Fastest
Method! Go to
[www.radcme.
med.nyu.edu](http://www.radcme.med.nyu.edu)

NYU Department of Radiology

NYU Sports Medicine Imaging State of the Art • May 24-26, 2010

NYU Langone Medical Center
550 First Avenue (Between 32nd & 33rd)
New York, NY

Online Registration is fast and easy.
Go to www.radcme.med.nyu.edu
or Fax to **212-263-3959**

If you need to pay by check, see below for mailing address.
Otherwise, we think you will find our online system to be
quick and easy. Please print your confirmation receipt.

Participant Information

Please Print Clearly

NAME

ADDRESS

CITY

STATE

ZIP

DAYTIME PHONE

FAX

EMAIL (NOW REQUIRED FOR EMAIL CONFIRMATIONS)

DEGREE

SPECIALTY

SUBSPECIALTY

DIETARY RESTRICTIONS

NYU Sports Medicine Imaging State of the Art

May 24-26, 2010

FULL FEES (PHYSICIANS)

- \$900 per attendee (all 3 days)
- \$400 Monday only
- \$400 Tuesday only
- \$400 Wednesday only

DISCOUNTED FEES* (SEE BELOW FOR QUALIFICATIONS)

- \$600 discounted fee (all 3 days)
- \$300 discounted fee Monday only
- \$300 discounted fee Tuesday only
- \$300 discounted fee Wednesday only

* Discounted Fees apply to:

NYU School of Medicine alumni, M.D.'s employed by the Dept
of Veterans Affairs, full-time active military personnel, tech-
nologists, retired physicians, current residents/fellows and
non-U.S. physicians.

REASON FOR DISCOUNT

In Case of Questions

Michelle R. Koplik, Director of CME
Phone: 212-263-3936 • Email: Michelle.Koplik@nyumc.org
Marisa P. Bruno, Program Coordinator, CME
Phone: 212-263-0724 • Email: Marisa.Bruno@nyumc.org

Methods of Payment

CHECK IN U.S. DOLLARS made payable to
"NYU Department of Radiology"

CREDIT CARD

CARDMEMBER'S NAME (PRINT CAREFULLY)

CARD NUMBER

\$

AMOUNT TO BE CHARGED

BILL TO: VISA MASTERCARD AMERICAN EXPRESS

EXP DATE: _____ / _____
MONTH YEAR

SIGNATURE (REQUIRED TO PROCESS)

Confirmation of Course Acceptance

A confirmation will be sent to you by email if you provide
your email address clearly.
We no longer send out written or faxed confirmations.

Refund Policy

An administrative charge of \$75 will be assessed for
cancellations made in writing one month or more prior
to the start of a course. Refunds will be possible after this
date subject to a \$150 fee. Daily attendees will be charged
\$50 for cancellations.

Course Cancellation Policy

In the unusual circumstance that this course is cancelled,
two weeks' notice will be provided and full tuition refund-
ed. The NYU Post-Graduate Medical School is not respon-
sible for any airfare, hotel or other costs incurred.

Educational Needs

If there is a specific question or topic relating to this
course, please submit it on the registration form or on
the website when registering online.

Where to Mail or Fax

Marisa P. Bruno
NYU Langone Medical Center
Department of Radiology
550 First Avenue
OBH C & D, 1st Floor, Room 4
New York, NY 10016

Fax **212-263-3959**

NYU CME Calendar

We hope you'll plan on joining us at one of these CME conferences.

www.radcme.med.nyu.edu

2010

- Jan. 25–29 **IMAGING SYMPOSIUM IN MAUI** Four Seasons, Maui
- March 22–26 **8TH ANNUAL NYU RADIOLOGY ALPINE IMAGING SYMPOSIUM** Park Hyatt, Beaver Creek
- April 23–24 **SPRING VIRTUAL COLONOSCOPY WORKSHOP** The Raleigh Hotel, South Beach, Florida
- May 24–26 **SPORTS MEDICINE IMAGING STATE OF THE ART** New York, NY
- June 28–July 2 **SUMMER RADIOLOGY SYMPOSIUM** The Sagamore, Lake George, NY
- August 9–13 **CLINICAL IMAGING UPDATE** Four Seasons, Jackson Hole, WY
- Oct 28–31 **FALL SYMPOSIUM** Four Seasons, Scottsdale
TENTATIVE
- Dec. 13–18 **29TH ANNUAL HEAD TO TOE IMAGING CONFERENCE** Hilton Hotel, New York, NY

2011

- Jan. 3–7 **ESSENTIALS OF IMAGING IN NEVIS** Four Seasons, Nevis

More to be announced

For More Information, Contact:

Michelle R. Koplik
Director of CME and Corporate Relations
Telephone: (212) 263-3936
Email: Michelle.Koplik@nyumc.org

Marisa P. Bruno
Program Coordinator, CME and Corporate Relations
Telephone: (212) 263-0724
Email: Marisa.Bruno@nyumc.org



Langone Medical Center

Department of Radiology
550 First Avenue
OBH C & D, 1st Floor, Room 4
New York, NY 10016

Non-Profit
Organization
U.S. Postage

PAID

New York
University

Sports Medicine Imaging State of the Art:

A Collaborative Course for Radiologists
and Sports Medicine Specialists

MAY 24-26, 2010
NYU LANGONE MEDICAL CENTER
NEW YORK, NY

