



Langone Medical Center

Sponsored by
NYU Post Graduate Medical School
and the Department of Radiology

6TH ANNUAL

NYU SPORTS MEDICINE IMAGING COURSE

MAY 14–16, 2009

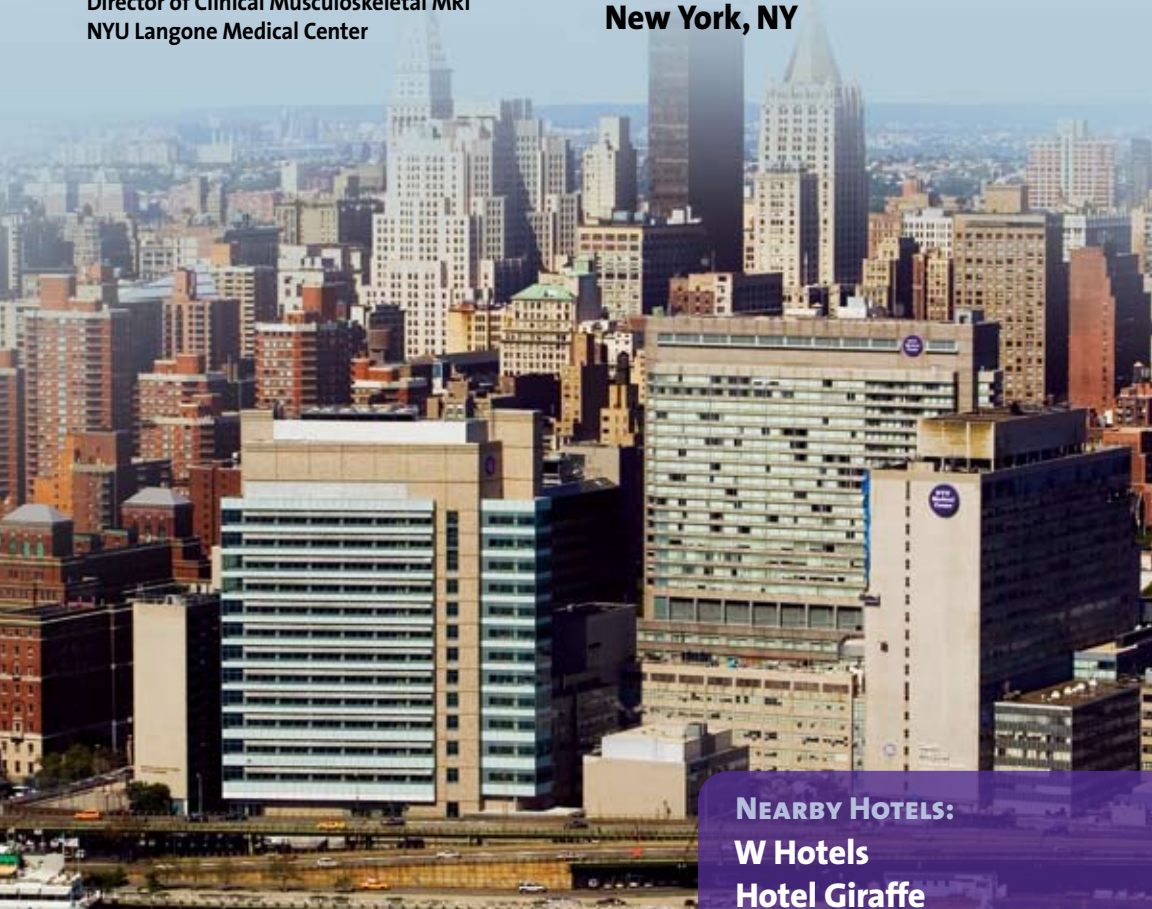
COURSE DIRECTOR:

Jenny T. Bencardino, M.D.

Associate Professor of Radiology
Director of Clinical Musculoskeletal MRI
NYU Langone Medical Center

MEETING LOCATION:

**NYU Langone Medical Center
550 First Avenue
New York, NY**



NEARBY HOTELS:

**W Hotels
Hotel Giraffe
The Carlton**

The NYU Sports Medicine Overview

Thursday-Saturday, May 14-16, 2009
NYU Medical Center—Schwartz F

Course Director

Jenny T. Bencardino, M.D.
Associate Professor of Radiology
Director of Clinical Musculoskeletal MRI

Guest Faculty

Laura W. Bancroft, M.D.
Professor of Radiology, Adjunct Faculty
University of Central Florida
Radiologist, Florida Hospital

NYU/HJD Faculty

Carolyn M. Boltin, M.D.
Assistant Professor of Radiology

Gina A. Ciavarrá, M.D.
Assistant Professor of Radiology

Jodi B. Cohen, M.D.
Assistant Professor of Radiology

Laith Jazrawi, M.D.
Assistant Professor of Orthopaedic Surgery
Director of Shoulder/Elbow Research Lab
Director, Surgical Skills Lab
NYU Hospital for Joint Diseases

Steve K. Lee, M.D.
Assistant Professor of Orthopaedic Surgery
Associate Chief, Division of Hand Surgery
NYU Hospital for Joint Diseases

Michael B. Mechlin, M.D.
Assistant Professor of Radiology

Robert J. Meislin, M.D.
Assistant Professor of Orthopaedic Surgery
NYU Hospital for Joint Diseases

Sandra L. Moore, M.D.
Assistant Professor of Radiology

George C. Nomikos, M.D.
Assistant Professor of Radiology

Catherine N. Petchprapa, M.D.
Assistant Professor of Radiology

Lynne P. Pinkney, M.D.
Assistant Professor of Radiology

Michael P. Recht, M.D.
Louis Marx Professor and
Chairman, Department of Radiology

Zehava Sadka Rosenberg, M.D.
Professor of Radiology & Orthopaedic Surgery

Leon D. Rybak, M.D.
Assistant Professor of Radiology
Interim Chief, Musculoskeletal Radiology

Orrin H. Sherman, M.D.
Associate Professor of Orthopaedic Surgery
Chief, Sports Medicine
NYU Hospital for Joint Diseases

David S. Weiss, M.D.
Clinical Associate Professor of Orthopaedic Surgery
Associate Director, Harkness Center for Dance Injuries
NYU Hospital for Joint Diseases

Statement of Need

In order to improve image interpretation, practicing and clinical radiologists must stay up-to-date on appropriate advanced imaging techniques for internal derangements of the hip, knee, shoulder, elbow, wrist and ankle as well as small joints of the fingers and toes. Utilizing optimal diagnostic approaches to sports-related musculoskeletal disorders, based on arthroscopic and radiographic correlations, is a core performance area for practicing radiologists and should be reinforced in order to maintain certification. Advanced cartilage-specific MR sequences, the use of MR, and other advances in this field should be incorporated into practice as well.

Target Audience

This course is designed for practicing and clinical radiologists, particularly those who concentrate in Musculoskeletal imaging. Orthopaedic surgeons will also be interested in this program.

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 *23.50 AMA PRA Category 1 Credits™*. Physicians should only claim credits commensurate with the extent of their participation in the activity.

Thursday, May 14, 2009

8.00 credits

Friday, May 15, 2009

7.75 credits

Saturday, May 16, 2009

7.75 credits

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.

Course Description

This intensive three-day course (Thursday, Friday and Saturday) is designed as a state-of-the-art update on all facets of sports medicine imaging for the radiologist, orthopaedic surgeon and the sports medicine physician. Didactic lectures on imaging of the spine, marrow and all articulations will be provided. In addition, current thinking on musculoskeletal pediatrics, musculoskeletal ultrasound, cartilage and post-operative imaging of the shoulder, knee, and wrist will be featured. There will also be interactive MR arthroscopic correlation sessions on the hip, shoulder, and wrist as well as physical examination demonstration of the common presentations of several sports injuries. The conference will also provide interesting case sessions.

Educational Objectives

1. Incorporate cartilage-specific MR sequences in order to diagnose osteoarthritis before morphological changes are evident.
2. Appropriately select a scanning unit and imaging parameters when using MRI in the assessment of postoperative joint disorders in order to obtain images of good diagnostic quality.
3. Utilize advances in MR imaging criteria to effectively diagnose a broad spectrum of athletic injuries and support return-to-sports decisions.
4. Assess imaging features of postoperative joint disorders in order to identify patients who may require additional conservative therapy and/or re-intervention
5. Select the optimal diagnostic approach to sports-related musculoskeletal disorders based on arthroscopic and radiographic correlations.
6. Select appropriate advanced imaging techniques for internal derangements of the hip, knee, shoulder, elbow, wrist and ankle as well as small joints of the fingers and toes.



Imaging Course & General Information

Hotel Accommodations A block of rooms has been reserved at the following hotels:

W New York – Union Square (10 Minute cab ride to NYULMC)
WWW.WHOTELS.COM/UNIONSQUARE • 201 PARK AVENUE SOUTH AT 17TH STREET

Just when you thought New York couldn't get any more exciting, it just did. Welcome to W New York - Union Square. Our 270 guestrooms (including 16 deluxe suites) reflect the latest in modern amenities. Comfortable. Stylish. Modern. Each room comes equipped with what you need to stay connected. So revel in magnificence. Stay a while.

In the heart of Silicon Alley, where cutting edge technology and international business thrives, stands W New York - Union Square. Where anything is possible. Peruse the boutique shops on Fifth and Sixth Avenues known as "Ladies Mile," dine in some of the city's best restaurants, check out the

happening bars, and get a taste of freshness at the famous farmer's market. Step outside and head in any direction. Within walking distance you will find the very best of New York waiting for you.

WONDERFUL KING ROOM \$250/NIGHT

WONDERFUL DOUBLES \$270/NIGHT

RESERVATIONS

Call 877-WHOTELS or 888-627-7191 and ask for the **W New York-Union Square and the NYU Radiology-Sports Medicine 2009 Group**. The cut off date for accepting reservations at

Hotel Giraffe (15 minute walk to NYULMC)
WWW.HOTELGIRAFFE.COM • 365 PARK AVENUE SOUTH AT 26TH STREET

A luxury hotel offering a sophisticated world of style and grace with elegant architecture, unique design and flawless service.

- A boutique hotel boasting only 73 guest rooms, 21 of which are suites.
- Located in the fashionable Park Avenue South neighborhood. Many of New York City's most acclaimed restaurants, as well as Gramercy Park and Union Square are within walking distance.
- Complimentary WiFi available throughout the hotel
- Complimentary wine and cheese, with live cocktail piano music, served Monday through Friday (5:00pm–8:00pm).

- Complimentary passes to NY Sports Club
- Restaurant, bar and room service

DELUXE QUEEN: 5/13: \$355/NIGHT • 5/14-17: \$299/NIGHT

SUPERIOR KING: 5/13: \$375/NIGHT • 5/14-17: \$319/NIGHT

The above rates are subject to New York State and City taxes, currently 13.375%, plus a city occupancy tax of \$3.50 per guest room, per night.

RESERVATIONS

Call 1-877-296-0009 (outside NYC) or 212-685-7700 and mention **NYU Sports Medicine**. The cut-off date for accepting reservations at these rates is April 13, 2009.

The Carlton (8 minute walk to NYULMC)
WWW.CARLTONHOTELNY.COM • 88 MADISON AVENUE

The Carlton is located four blocks south of the Empire State Building and five blocks from Madison Square Garden and Penn Station. The Carlton's three-story lobby waterfall cascades over a photo of the original 1904 hotel. Sun streams across the mosaic tiled floor from the 30-foot, Tiffany-styled domed skylight.

Country, the hotel's formal dinner restaurant, offers seasonal French-American cuisine from notable New York chef/restaurateur Geoffrey Zakarian. There are three bars on site. Complimentary passes are available for a fitness center seven blocks from the hotel. The 316 guestrooms at the Carlton on Madison Avenue feature Mahogany furnishings, Roman shades, fine

Italian linens and down comforters. The bathrooms feature marble counters and offer Penhaligon's London bath amenities. Complimentary wireless Internet access is available. Clock radios have iPod docking stations. The in-room safes can accommodate laptops. The Carlton on Madison Avenue offers coffee and complimentary newspapers in the lobby.

SUPERIOR QUEEN: \$269 • SUPERIOR KING: \$329

RESERVATIONS

Call 1-800-681-8500 and mention **NYU Sports Medicine Group**. The cut-off date for accepting reservations at this rate is April 24, 2009.

Meeting Location

NYU Langone Medical Center
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 \$2.00. 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.

Sports Medicine Imaging Program

NYU Langone Medical Center, Schwartz F

THURSDAY MAY 14, 2009

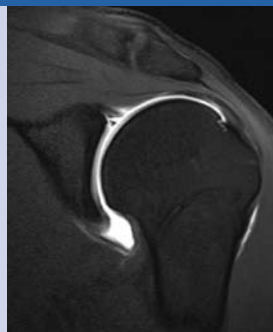
LOWER EXTREMITY

- 7:15am **Registration & Continental Breakfast**
- 7:55am **Welcome & Introduction**
Jenny T. Bencardino, M.D.
- 8:00am **MRI OF THE HIP: BONE, LABRUM AND FAI**
Michael P. Recht, M.D.
- 8:40am **SPORTS INJURIES OF THE PELVIS AND HIP**
Jenny T. Bencardino, M.D.
- 9:20am **POSTOPERATIVE HIP:
MR SURGICAL CORRELATION**
Robert J. Meislin, M.D.
George C. Nomikos, M.D.
- 10:00am **Coffee Break**
- 10:20am **MRI OF THE KNEE: MENISCAL INJURIES**
George C. Nomikos, M.D.
- 11:00am **MUSCLOTENDINOUS INJURIES OF THE KNEE**
Catherine N. Petchprapa, M.D.
- 11:40am **POSTOPERATIVE KNEE**
Michael P. Recht, M.D.
- 12:20pm **Questions and Discussion**
- 12:30pm **Lunch**
- 1:30pm **FOOT AND ANKLE INJURIES:
EXAMINATION AND TREATMENT**
David S. Weiss, M.D.
- 2:10pm **MRI OF THE ANKLE**
Leon D. Rybak, M.D.
- 2:50pm **ENTRAPMENT NEUROPATHIES OF THE
ANKLE AND FOOT**
Zehava Sadka Rosenberg, M.D.
- 3:40pm **Coffee Break**
- 4:00pm **HEEL TO TOE IN PEDIATRIC SURGERY**
Jenny T. Bencardino, M.D.
- 4:40pm **INTERACTIVE CASES**
Carolyn M. Boltin, M.D.
- 5:20pm **Questions and Discussion**
- 5:30pm **Adjournment**

FRIDAY, MAY 15, 2009

SPINE, MARROW & MISCELLANEOUS

- 7:30am **Continental Breakfast**
- 8:00am **IMAGING OF SPINE INJURIES**
Michael B. Mechlin, M.D.
- 8:40am **IMAGING OF THE POST-OPERATIVE
LUMBAR SPINE**
Leon D. Rybak, M.D.
- 9:20am **COMPRESSIVE NEUROPATHIES OF
THE PELVIS AND HIP**
Jenny T. Bencardino, M.D.
- 10:00am **Coffee Break**
- 10:20am **MR IMAGING OF MUSCULOSKELETAL TUMORS**
Laura W. Bancroft, M.D.
- 11:00am **BONE BRUISES PATTERN RECOGNITION**
Michael B. Mechlin, M.D.
- 11:40am **MRI OF PELVIC MARROW**
Sandra L. Moore, M.D.
- 12:20pm **Questions and Discussion**
- 12:30pm **Lunch**
- 1:30pm **MRI OF CARTILAGE:
MRI SURGICAL CORRELATION**
Sandra L. Moore, M.D.
Orrin H. Sherman, M.D.



- 2:10pm **PEDIATRIC MUSCULOSKELETAL MRI**
Lynne P. Pinkney, M.D.
- 2:50pm **MUSCULOSKELETAL ULTRASOUND**
Gina A. Ciavarra, M.D.
- 3:30pm **Coffee Break**
- 3:50pm **MECHANICS OF SHOULDER & ELBOW INJURY**
Laith Jazrawi, M.D.
- 4:30pm **INTERACTIVE CASES**
Gina A. Ciavarra, M.D.
- 5:10pm **Questions and Discussion**
- 5:20pm **Adjournment**

SATURDAY MAY 16, 2009

UPPER EXTREMITY

- 7:30 am **Continental Breakfast**
- 8:00 am **ROTATOR CUFF AND IMPINGEMENT
SYNDROMES**
George C. Nomikos, M.D.
- 8:40 am **GLENOHUMERAL INSTABILITY**
Jenny T. Bencardino, M.D.
- 9:20 am **POSTOPERATIVE SHOULDER: MR SURGICAL
CORRELATION**
Laura W. Bancroft, M.D.
- 10:00 am **Coffee Break**
- 10:20 am **ENTRAPMENT NEUROPATHIES OF THE
SHOULDER AND ELBOW**
Zehava Sadka Rosenberg, M.D.
- 11:00 am **MRI OF THE ELBOW**
Laura W. Bancroft, M.D.
- 11:40 am **LATERAL ELBOW PAIN**
Zehava Sadka Rosenberg, M.D.
- 12:20 pm **Questions and Discussion**
- 12:30 pm **Lunch**
- 1:30 pm **MRI OF THE FINGERS AND THUMB**
Laura W. Bancroft, M.D.
- 2:10 pm **MRI OF THE WRIST: LIGAMENTS**
Catherine N. Petchprapa, M.D.
- 2:50 pm **MRI OF THE WRIST: TENDONS**
Catherine N. Petchprapa, M.D.
- 3:30 pm **Coffee Break**
- 3:50 pm **POSTOPERATIVE WRIST:
MR SURGICAL CORRELATION**
Steve K. Lee, M.D.
Catherine N. Petchprapa, M.D.
- 4:30 pm **INTERACTIVE CASES**
Jodi B. Cohen, M.D.
- 5:10 pm **Questions and Discussion**
- 5:20 pm **Adjournment**

Sports Medicine Imaging Course Registration Form

On-line
Registration
is the Fastest
Method! Go to
[www.radcmc.
med.nyu.edu](http://www.radcmc.med.nyu.edu)

NYU Department of Radiology NYU Sports Medicine Imaging • May 14-16, 2009

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

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

If you need to pay by check, see below for mailing address.
Other-wise, we think you will find our on-line 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 _____

The NYU Sports Medicine Imaging Course

May 14-16, 2009

FULL FEES (PHYSICIANS)

- \$850 per attendee (all 3 days)
- \$350 Thursday only
- \$350 Friday only
- \$350 Saturday only

DISCOUNTED FEES* (SEE BELOW FOR QUALIFICATIONS)

- \$575 discounted fee (all 3 days)
- \$250 discounted fee Thursday only
- \$250 discounted fee Friday only
- \$250 discounted fee Saturday 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 Education
Phone: 212-263-3936 • Email: Michelle.Koplik@nyumc.org
Marisa P. Bruno, Program Coordinator, CME Education
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 e-mail if you provide
your e-mail 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 Medical Center
Department of Radiology
560 1st Avenue, TCH HW-231
New York, NY 10016-4998

Fax **212-263-3959**

Department of Radiology NYU CME Calendar

Keep our web-site bookmarked for regular updates: www.radcme.med.nyu.edu

2009

Jan. 5-9	.....	ESSENTIALS OF IMAGING IN COSTA RICA.....	Four Seasons Costa Rica
Jan. 27-30	.....	NYU RADIOLOGY IN HUALALAI.....	Four Seasons Hualalai, Big Island Of Hawaii
March 23-27	.....	CLINICAL IMAGING ESSENTIALS.....	Deer Valley, Utah
April 24-25	.....	VIRTUAL COLONOSCOPY WORKSHOP.....	South Beach, Florida
May 14-16	.....	6TH ANNUAL SPORTS MEDICINE IMAGING CONFERENCE.....	New York, NY
June 29-July 3	.....	SUMMER RADIOLOGY PRACTICUM IN CHATHAM.....	Chatham Bars Inn, Chatham, MA
August 3-7	.....	NYU RADIOLOGY IN BANFF.....	Fairmont Banff Springs, Banff, Canada
September 25-27	.....	MRI: CLINICAL STATE-OF-THE-ART.....	New York, NY
Fall	.....	VIRTUAL COLONOSCOPY WORKSHOP.....	New York, NY
Oct. 19-23	.....	NYU IMAGING UPDATE.....	Four Seasons, Santa Barbara
Dec. 14-19	.....	28TH ANNUAL HEAD TO TOE IMAGING CONFERENCE.....	Hilton Hotel, New York, NY

2010

Jan. 25-29	.....	IMAGING SYMPOSIUM IN MAUI.....	Four Seasons, Maui
July (TENTATIVE)	.....	NYU RADIOLOGY PRACTICUM IN ICELAND.....	Reykjavik, Iceland
Oct. 7-10 (TENTATIVE)	.....	NYU IMAGING UPDATE.....	Four Seasons Scottsdale
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
March (TENTATIVE)	.....	NYU RADIOLOGY IN BUENOS AIRES.....	Buenos Aires, Argentina

More to be announced

For More Information, Contact:

Michelle R. Koplik
Director of CME Education & Corporate Relations
Telephone: (212) 263-3936
E-mail: Michelle.Koplik@nyumc.org

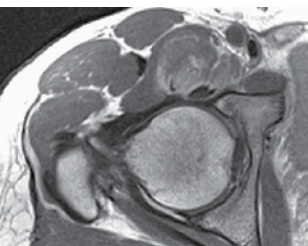
Marisa P. Bruno
Program Coordinator, CME Education & Corporate Relations
Telephone: (212) 263-0724
E-mail: Marisa.Bruno@nyumc.org

NYU

Langone Medical Center

New York University
School of Medicine
Department of Radiology
560 1st Avenue, TCH-HW-231
New York, NY 10016

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New York University



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