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.
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

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

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

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

Andrew S. Rokito, M.D.
Assistant Professor of Orthopaedic Surgery

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

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Pippa A. Storey, Ph.D.
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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 pathologies 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 femoracetabular 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
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.radcm.e.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 M68 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: $75 First Avenue at 33rd Street (across the street from NYU Langone Medical Center)
• Central Parking System: $50 First Avenue at 30th Street (under NYU Langone Medical Center)
• Imperial Parking: $37 33rd Street between First and Second Avenues
• Square Plus: $50 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.

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.

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.
Monday, May 24, 2010

7:30am  Registration and Breakfast

8:00am  Welcome  
Leon D. Rybok, M.D.

8:10am  Important Surgical Anatomy with Gross Dissection  
Joseph D. Zuckerman M.D.

8:30am  Hip  
Leon D. Rybak, M.D.

9:45am  MR of the Extensor Mechanism: MR of Posteromedial & Posterolateral Corner  
Laith Jazrawi, M.D.

10:15am  Imaging of Cartilage repair procedures: imaging findings  
Laith Jazrawi, M.D.

11:30am  Imaging of Instability & Instability Repairs  
Lawrence M. White, M.D.

12:00pm  Lunch  

12:30pm  Surgical Anatomy with Gross Dissection and Imaging Correlation  
Leon D. Rybak, M.D.

1:30pm  FAI - How prevalent is it and what are the clinical findings?  
Roy I. Davidovitch, 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  MR 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  

Tuesday, May 25, 2010

7:30am  Breakfast  

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. Rotkio, 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  

Wednesday, May 26, 2010

7:30am  Breakfast  

8:30am  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 differenence & are they worth the extra cost?  
Zehava Sadka Rosenberg, M.D. & Cary B. Chapman, 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. Varlopta, M.D.

4:30pm  Imaging Osseous Stress Injuries in the Athlete  
Sandra L. Moore, M.D.

5:00pm  Closing Remarks and Questions  

5:15pm  Adjourn
On-line Registration is fast and easy. Go to www.radcmemed.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

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, technologists, retired physicians, current residents/fellows and non-U.S. physicians.

Methods of Payment
☐ CHECK in U.S. DOLLARS made payable to “NYU Department of Radiology”
☐ CREDIT CARD

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 refunded. The NYU Post-Graduate Medical School is not responsible 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.radcmeme.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:
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