NYU’s 2016

ADVANCED IMAGING OF THE
MUSCULOSKELETAL SYSTEM
WITH AN EMPHASIS ON SPORTS INJURIES

May 23-25, 2016

Optional Hands-on MSK Ultrasound Workshop
May 26, 2016

Course Description
This conference will offer a unique and innovative program including traditional lecture sessions, interactive case-based learning sessions, and instructional videos of actual arthroscopic procedures of the knee and shoulder with discussion of the arthroscopic and imaging findings by the orthopedic surgeon and radiologist. Lecture topics to be covered will include common sports specific injuries, nerve imaging, soft tissue and bone tumors, imaging of arthritis and cartilage, and pediatric imaging. New this year...the concluding session of the course will take the form of a quiz panel, where we will attempt to “stump the stars”. A prize will be awarded to the attendee who submits the most correct diagnoses for the quiz cases.

Learning Objectives
After participating in this activity, clinicians should be able to:

• Determine how best to modify imaging techniques and protocols for all areas of Musculoskeletal MRI including: hip, knee, shoulder and foot, for improved therapeutic decision making.

• Develop strategies to adapt their imaging techniques to the pediatric population and recognize common patterns of injury in this population.

• Evaluate the latest technology, focusing on magnetic resonance and the increasing importance of ultrasound in order to apply this technology to everyday practice.

NEW THIS YEAR!
Interactive Case-Based Learning Sessions
Nationally recognized experts in the field will display interesting theme-based unknown cases which will be used to highlight important teaching points.

Guest Speakers to Include: Robert D. Boutin, MD, Christine B. Chung, MD, Mark D. Murphey, MD, William E. Palmer, MD, Mini N. Pathria, MD, Donald L. Resnick, MD, David A. Rubin, MD, Michael J. Tuite, MD, Lawrence M. White, MD

NEW THIS YEAR!
Interactive Case-Based Learning Sessions
For the first time this year, interspersed with the didactic lectures, we will be offering concentrated case based learning sessions with smaller groups offering a more intimate learning environment. Areas to be covered will include: knee, hip, shoulder, elbow, hand and wrist, foot and ankle, muscle, tumors, and post-op imaging. Lecturers, who will be nationally recognized experts in the field, will display interesting theme-based unknown cases which will be used to highlight important teaching points. Attendees will have the opportunity to review these cases on their laptops during the sessions. Questions from the audience will be encouraged.

Please note, personal laptops are recommended (but not required) for the interactive sessions.

Hands-on MSK Ultrasound Workshop
Enrollment limited to 35 attendees

This hands-on workshop will include 5 rotating workstations divided by anatomic region (shoulder, elbow, wrist, hip, foot/ankle). The instructors in each area will give a brief demonstration of the proper technique for evaluation of their assigned anatomy, followed by the opportunity for the participants to practice their newly acquired skills upon a volunteer or model.
NYU Course Directors

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

Leon D. Rybak, MD  
Assistant Professor of Radiology  
Vice Chair of Operations  
Department of Radiology

Guest Faculty

Robert D. Boutin, MD  
Professor of Clinical Radiology  
UC Davis Health System  
Sacramento, CA

Christine B. Chung, MD  
Professor-In-Residence of Radiology  
Director of the UCSF  
Musculoskeletal Imaging Research Group  
UC San Diego School of Medicine  
San Diego, CA

Mark D. Muprhey, MD, FACR  
Physician-in-Chief  
American Institute for Radiologic Pathology  
American College of Radiology  
Silver Spring, MD

William E. Palmer, MD  
Director, Musculoskeletal Imaging and Intervention Division  
Massachusetts General Hospital  
Assistant Professor of Radiology  
Harvard Medical School  
Boston, MA

Mini N. Pathria, MD  
Professor of Clinical Radiology  
UCSD Medical Center, San Diego  
San Diego, CA

Donald L. Resnick, MD  
Professor of Radiology  
Section Chief  
Musculoskeletal Radiology  
UCSD Medical Center, San Diego  
San Diego, CA

David A. Rubin, MD  
Professor of Radiology  
Chief, Musculoskeletal Radiology Section  
Washington University School of Medicine  
St. Louis, MO

Michael J. Tuite, MD  
Professor of Radiology  
University of Wisconsin  
School of Medicine and Public Health  
Madison, WI

Lawrence M. White, MD  
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

Ronald S. Adler, PhD, MD  
Professor of Radiology

Luis S. Beltran, MD  
Assistant Professor of Radiology

Jenny T. Bencardino, MD  
Professor of Radiology and Orthopedic Surgery

Christopher Burke, MD  
Assistant Professor of Radiology

Gina A. Ciavarella, MD  
Assistant Professor of Radiology

Christopher J. Gottsegen, MD  
Assistant Professor of Radiology

Soterios Gyftopoulos, MD  
Assistant Professor of Radiology

Renata La Rocca Vieira, MD  
Assistant Professor of Radiology

Michael B. Mechlin, MD  
Assistant Professor of Radiology

Catherine N. Petchprapa, MD  
Assistant Professor of Radiology

Andrew S. Rokito, MD  
Associate Professor of Orthopaedic Surgery  
Chief, Division of Shoulder & Elbow Surgery

Eric J. Strauss, MD  
Assistant Professor of Orthopaedic Surgery

Zehava Sadka Rosenberg, MD  
Professor of Radiology and Orthopedic Surgery

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 live activity for a maximum of 26.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- **NYU’s 2016 Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries**  
  20.50 Credits  
  May 23-25, 2016

- **Hands-on MSK Ultrasound Workshop 2016**  
  6.00 Credits  
  May 26, 2016

Disclosure Statement

The NYU Post-Graduate Medical School adheres to ACCME accreditation requirements 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.

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 orthopedists 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 these areas.

Statement of Need

NYU’s 2016 Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries 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. 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 orthopedists 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.
COURSE SCHEDULE

Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries

NYU Langone Medical Center | 550 1st Avenue (between 30th and 33rd Streets)

MONDAY, MAY 23

7:15am  Registration & Breakfast
7:50am  Welcome
Leon D. Rybak, MD  Michael P. Recht, MD
8:00am  Important Anatomy of the Knee: Anatomic & Arthroscopic Correlation
Eric Strauss, MD  Soterios Gyftopoulos, MD
8:45am  Bone Bruise Patterns: What They Tell Us About the Mechanism of Injury
Donald L. Resnick, MD
9:15am  Important Anatomy of the Shoulder: Anatomic and Arthroscopic Correlation
Andrew S. Rokito, MD  Jenny T. Bencardino, MD
9:45am  Imaging of Tendons: Patterns of Injuries
Donald L. Resnick, MD
10:15am Coffee Break

SAM: MR TECHNIQUES

10:30am  SAM: Pediatric Sports Imaging: How is it Different than Adults
David A. Rubin, MD
11:00am  SAM: The Future: Advanced MR Imaging Techniques in MSK
Michael P. Recht, MD
11:30am  SAM: Beyond the Sequence: Tips and Tricks to Improve your MSK MR Images Without Buying New Hardware and Software
David A. Rubin, MD
12:00pm Questions
12:15pm Lunch

AFTERNOON INTERACTIVE CASE-BASED LEARNING SESSIONS

1:30pm-2:30pm  Session 1
2:40pm-3:40pm  Session 2
3:50pm-4:50pm  Session 3
4:50pm  Adjourn

TUESDAY, MAY 24

7:30am  Breakfast

POTPOURRI

SAM: IMAGING OF ARTHRITIS & NERVES

8:00am  SAM: Neuropathies of Upper Extremity
Jenny T. Bencardino, MD
8:20am  SAM: Neuropathies of Lower Extremity
Jenny T. Bencardino, MD
8:40am  SAM: The Role of MR imaging in Arthritis
Christine B. Chung, MD
9:00am  Image Guided Tumor Biopsy: Tips and Tricks
Leon D. Rybak, MD
9:20am  Imaging of Stress Fractures
William E. Palmer, MD
9:40am  Femoroacetabular Impingement (FAI): Controversies & Challenges
Michael P. Recht, MD
10:05am Questions
10:15am Coffee Break

CASES I FOUND CHALLENGING

10:30am  Knee
Michael J. Tuite, MD
10:50am  Hip
Lawrence M. White, MD
11:10am  Tumors
Leon D. Rybak, MD
11:30am  Elbow/Hand/Wrist
Robert D. Boutin, MD
11:50am  Foot and Ankle
Jenny T. Bencardino, MD
12:10pm  Shoulder
Soterios Gyftopoulos, MD
12:30pm Lunch

AFTERNOON INTERACTIVE CASE-BASED LEARNING SESSIONS

1:30pm-2:30pm  Session 4
2:40pm-3:40pm  Session 5
3:50pm-4:50pm  Session 6
4:50pm  Adjourn

WEDNESDAY, MAY 25

8:30am  Breakfast

MORNING INTERACTIVE CASE-BASED LEARNING SESSIONS

9:15am-10:15am  Session 7
10:25am-11:25am  Session 8
11:35am-12:35pm  Session 9
12:35pm Lunch

RAPID FIRE

SAM: SPORTS INJURIES

1:45pm  SAM: AC Joint Pathology
Renata La Rocca Vieira, MD
1:55pm  SAM: Frozen Shoulder
Luis S. Beltran, MD
2:05pm  SAM: Pec Tears
Luis S. Beltran, MD
2:15pm  SAM: Intersection Syndromes of the Wrist and Forearm
Gina A. Ciavarra, MD
2:25pm  SAM: Gamekeeper’s Thumb
Christopher Burke, MD
2:35pm  SAM: ITB Syndrome
Michael B. Mechlin, MD
2:45pm  SAM: Fat Pad Impingement Syndromes
Catherine N. Petchprapa, MD
2:55pm  SAM: Greater Trochanteric Pain Syndrome
Ronald S. Adler, PhD, MD
3:05pm  SAM: SI Joints and Sacrum
Mini N. Pathria, MD
3:15pm Coffee Break
3:30pm Quiz Panel: Stump the Stars
Quiz Master: Robert D. Boutin, MD
5:00pm Questions
5:15pm Adjourn

INTERACTIVE SESSION TEACHERS

Rosenberg  Foot and Ankle
Murphey  Tumors
Boutin  Muscle
Tuite  Elbow
Chung  Hand/Wrist
Palmer  Hip
White  Post Op
Pathria  Shoulder
Rubin  Knee

INTERACTIVE CASE-BASED LEARNING SESSIONS

For the first time this year, interspersed with the didactic lectures, we will be offering concentrated case-based learning sessions with smaller groups, offering a more intimate learning environment. All attendees will have the opportunity to attend 9 hours of lectures from 9 experts in areas that include: knee, hip, shoulder, elbow, hand and wrist, foot and ankle, muscle, tumors, and post-op imaging. Nationally recognized experts in the field will display interesting theme-based unknown cases which will be used to highlight important teaching points. Attendees will have the opportunity to review these cases on their personal laptops and follow along with the experts. Questions from the audience will be encouraged.
**Optional Workshop**

**Hands-on MSK Ultrasound**
Thursday, May 26, 2016

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**Meeting Location**

**Hands-on MSK Ultrasound Workshop 2016**
Bellevue Hospital - NYSIM Center (D Building, 3rd Floor)
462 First Avenue, between 27th and 28th Streets

**Registration Information**

Online registration is fast and easy.
Go to [www.radcme.med.nyu.edu](http://www.radcme.med.nyu.edu) or fax the registration sheet from this brochure.

**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.

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**Hotel Information**

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

**Affinia Dumont**

[www.affinia.com](http://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.

**Rates**

Studio Suites 1 Bed/2 Beds: $299/night
(wireless internet is included in room rate)

Discounted Suite Options also available.

**Reservations**

- Online: Please visit [www.radcme.med.nyu.edu](http://www.radcme.med.nyu.edu)
- Call 1-866-233-4642 and mention NYU Sports Medicine 2016 Conference
- Email: reservations@affinia.com
  Indicate NYU Sports Medicine 2016 Conference to guarantee the special group rate
- Cut-off date for accepting reservations at this rate is Friday, April 29, 2016
  (Book early as rooms may sell out prior to this date)
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**THURSDAY, MAY 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>8:15</td>
<td>Registration &amp; Breakfast</td>
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<tr>
<td>8:45</td>
<td>Welcome</td>
<td>Ronald S. Adler, PhD, MD</td>
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<tr>
<td>9:00am-10:05am</td>
<td>Session 1</td>
<td>Shoulder</td>
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<td>10:10am-11:15am</td>
<td>Session 2</td>
<td>Elbow</td>
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<td>11:20am-12:25pm</td>
<td>Session 3</td>
<td>Wrist</td>
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<td>12:30pm-1:30pm</td>
<td>Lunch</td>
<td>Hip</td>
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<td>1:30pm-2:35pm</td>
<td>Session 4</td>
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<td>Session 5</td>
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<td>3:45pm-4:00pm</td>
<td>Questions &amp; Discussion</td>
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<td>4:00pm</td>
<td>Adjourn</td>
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</tbody>
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**Workshop Presenters**

- **Shoulder**: Renata La Rocca Vieira, MD
- **Elbow**: Christopher J. Gottsegen, MD
- **Wrist**: Catherine N. Petchprapa, MD
- **Hip**: Luis S. Beltran, MD
- **Foot & Ankle**: Gina A. Ciavarra, MD
NYU’s 2016
Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries
May 23-25, 2016

Please Print Clearly

NAME

ADDRESS

CITY STATE ZIP

DAYTIME PHONE FAX

EMAIL (NOW REQUIRED FOR EMAIL CONFIRMATIONS)

DEGREE

SPECIALTY

SUBSPECIALTY

DIETARY RESTRICTIONS

Registration Fees
Please check appropriate boxes below

Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries
May 23-25, 2016

- Full Fee (Physicians) □ $985 per attendee
- Discounted Fee* (see below for qualifications) □ $725 per attendee

Hands-on MSK Ultrasound Workshop 2016
May 26, 2016
□ $500 per attendee

* 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, current residents/fellows, retirees, Canadian and other non-US physicians.

Methods of Payment
- □ Check in U.S. Dollars made payable to NYU Department of Radiology
- □ Credit Card Payment (see below)

Payment by Credit Card
Bill to: □ Visa □ Mastercard □ American Express

CARD MEMBER’S NAME (PRINT CAREFULLY)

CARD #

EXPIRATION DATE (MONTH/YEAR)

AMOUNT TO BE CHARGED: $

SIGNATURE (REQUIRED TO PROCESS)

Fax Form to: (212) 263-3959

REFUND POLICY
- Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries
  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.
- Hands-on MSK Ultrasound Workshop 2016
  If you cancel your enrollment and we are able to fill your place with another physician, you will be charged a $150 administrative fee. Cancellations will not be possible after April 26, 2016. This is a strict cancellation penalty due to the popularity of this topic and the limited number of enrollees possible.

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/Contact Info:
Marisa Costello
NYU Langone Medical Center
Department of Radiology
462 First Avenue, OBH, C&D, 1st Floor Room 4
New York, NY 10016
Fax: 212-263-3959 | Phone: 212-263-0724
Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries

May 23-25, 2016

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NEW THIS YEAR!

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