

NYU's 2017

ADVANCED IMAGING OF THE MUSCULOSKELETAL SYSTEM

WITH AN EMPHASIS ON SPORTS INJURIES

May 22–24, 2017

**Optional Hands-on MSK
Ultrasound Workshop**
May 25, 2017

BACK BY POPULAR DEMAND!

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

Course Description

This conference will offer a unique and innovative program including traditional lecture sessions and interactive case-based learning sessions. Lecture topics to be covered will include common sports specific injuries, nerve imaging, bone tumors, imaging of arthritis and cartilage, and pediatric imaging. 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.
- Describe safety factors as they pertain to the use of high field MRI in musculoskeletal imaging.

Interactive Case-Based Learning Sessions

Back by popular demand from last 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. 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 36 attendees

This hands-on workshop will include 5 rotating workstations divided by anatomic region (shoulder, elbow, wrist, knee, foot/ankle) and a 6th station dedicated to demonstration of interventional techniques. 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. Participants at the interventional station will have the opportunity to practice needle guidance techniques utilizing ultrasound guidance and cadaveric specimens.

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 UCSD
Musculoskeletal Imaging Research Group
UC San Diego School of Medicine
San Diego, CA

Mark D. Murphy, 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

Gregory I. Chang, MD

Associate Professor of Radiology
Chief, Musculoskeletal Imaging

Gina A. Ciavarra, MD

Assistant Professor of Radiology

Christopher J. Gottsegen, MD

Assistant Professor of Radiology

Soterios Gyftopoulos, MD

Associate 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

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

- **NYU's 2017 Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries** **20.00 Credits**
May 22–24, 2017
- **Hands-on MSK Ultrasound Workshop 2017** **5.75 Credits**
May 25, 2017

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 2017 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

<http://www.med.nyu.edu/courses/cme/sports17>

NYU's 2017 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 22

- 7:15 am **Registration and Breakfast**
- 7:50 am **Welcome**
Leon D. Rybak, MD &
Michael P. Recht MD
- 8:00 am **Important Anatomy of the Knee**
Donald L. Resnick, MD
- 8:20 am **MR of Internal Derangement of the Knee: Tips and Tricks**
Michael J. Tuite, MD
- 8:40 am **Cartilage Imaging: State of the Art**
Michael P. Recht, MD
- 9:00 am **Important Anatomy of the Shoulder**
Donald L. Resnick, MD
- 9:20 am **MR Imaging of Instability: What is Important**
Soterios Gyftopoulos, MD
- 9:40 am **Imaging of Tendons: Patterns of Injuries**
Donald L. Resnick, MD
- 10:10 am **Coffee Break**

SAM — MR AND BIOPSY TECHNIQUES 2017

- 10:30 am **SAM: Image Guided Tumor Biopsy — Tips and Tricks**
Leon D. Rybak, MD
- 11:00 am **SAM: Tips and Tricks to Improve your MSK MR Images Without Buying New Hardware and Software**
David A. Rubin, MD
- 11:30 am **SAM: The Future: Advanced MR Imaging Techniques in MSK**
Michael P. Recht, MD
- 12:00 pm **Lunch**

AFTERNOON INTERACTIVE SESSIONS

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

TUESDAY, MAY 23

- 7:30 am **Breakfast**
- SAM — IMAGING OF ARTHRITIS & NERVES 2017**
- 8:00 am **SAM: Neuropathies of Lower Extremity**
Zehava S. Rosenberg, MD
- 8:20 am **SAM: Neuropathies of Upper Extremity**
Jenny T. Bencardino, MD
- 8:40 am **SAM: The Role of MR Imaging in Arthritis**
Christine B. Chung, MD
- 9:00 am **Ligaments of the Ankle & Midfoot**
Zehava S. Rosenberg, MD
- 9:20 am **Imaging of Stress Fractures**
William E. Palmer, MD
- 9:40 am **MR Imaging of Athletic Pubalgia**
Luis S. Beltran, MD
- 10:00 am **Coffee Break**

CASES I FOUND CHALLENGING

- 10:20 am **Knee**
Lawrence M. White, MD
- 10:40 am **Hip**
Michael J. Tuite, MD
- 11:00 am **Spine**
Leon D. Rybak, MD
- 11:20 am **Elbow/Hand/Wrist**
Catherine N. Petchprapa, MD
- 11:40 am **Foot and Ankle**
Jenny T. Bencardino, MD
- 12:00 pm **US**
Ronald S. Adler, PhD, MD
- 12:20 pm **Lunch**

AFTERNOON INTERACTIVE SESSIONS 4–6

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

WEDNESDAY, MAY 24

- 8:30 am **Breakfast**
- MORNING INTERACTIVE SESSIONS 7–9**
- 9:15–10:15 am **Session 1**
- 10:25–11:25 am **Session 2**
- 11:30–12:30 pm **Session 3**
- 12:30 pm **Lunch**

RAPID FIRE

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

INTERACTIVE CASE-BASED LEARNING SESSIONS

Back by popular demand, 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.

INTERACTIVE SESSION TEACHERS

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

OPTIONAL WORKSHOP

Hands-on MSK Ultrasound

THURSDAY, MAY 25, 2017

8:15 am	Registration & Breakfast
8:45 am	Welcome Ronald S. Adler, PhD, MD
8:55 am–9:50 am	Session 1
9:55 am–10:50 am	Session 2
10:55 am–11:50 pm	Session 3
11:50 am–12:45 pm	Lunch
12:45 pm–1:40 pm	Session 4
1:45 pm–2:40 pm	Session 5
2:45 pm–3:40 pm	Session 6
3:45 pm–4:00 pm	Questions & Discussion
4:00 pm	Adjourn

WORKSHOP PRESENTERS

Interventional Ronald S. Adler, PhD, MD
Knee Luis S. Beltran, MD
Foot & Ankle Gina A. Ciavarra, MD
Elbow Christopher J. Gottsegen, MD
Shoulder Renata La Rocca Vieira, MD
Wrist Catherine N. Petchprapa, MD

Meeting Website

<http://www.med.nyu.edu/courses/cme/us17>

Meeting Location

Hands-on MSK Ultrasound Workshop 2017
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 or fax the registration page 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.

Hotel Information

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.

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
- Call 1-866-233-4642 and mention **NYU Sports Medicine 2017 Conference**
- Email: reservations@affinia.com
Indicate **NYU Sports Medicine 2017 Conference** to guarantee the special group rate
- Cut-off date for accepting reservations at this rate is **Friday, April 28, 2017**
(Book early as rooms may sell out prior to this date)



REGISTRATION FORM

NYU's 2017

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

May 22–24, 2017

Optional Workshop: Hands-on MSK Ultrasound 2017 | Thursday, May 25, 2017

Online Registration is Fast & Easy
www.radcme.med.nyu.edu

Please Print Clearly

NAME

ADDRESS

CITY

STATE

ZIP

DAY PHONE

E-MAIL (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 22–24, 2017

Full Fee (Physicians)

\$1025 per attendee

Discounted Fee* (see below for qualifications)

\$825 per attendee

Hands-on MSK Ultrasound Workshop 2017 May 25, 2017

\$575 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 2017**

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, 2017. 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

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

www.radcme.med.nyu.edu

2017

- JAN 23-27 CLINICAL IMAGING SYMPOSIUM IN NEVIS
Four Seasons Nevis, West Indies, Nevis
- MAR 13-17 15TH ANNUAL ALPINE IMAGING SYMPOSIUM IN DEER VALLEY
The Chateaux, Deer Valley, UT
- MAY 22-24 ADVANCED IMAGING OF THE MUSCULOSKELETAL SYSTEM
NYU Langone Medical Center, New York, NY
- MAY 25 HANDS-ON MSK ULTRASOUND WORKSHOP
Bellevue NYSIM Center, New York, NY
- JUN 26-30 SUMMER RADIOLOGY SYMPOSIUM ON THE CAPE
Wequassett Resort, Chatham, Cape Cod
- JUL 31- AUG 4 CLINICAL IMAGING SYMPOSIUM IN ICELAND
Hilton Reykjavik, Reykjavik Iceland
- OCT 23-27 FALL RADIOLOGY SYMPOSIUM IN CHARLESTON
The Belmond Charleston, Charleston, SC
- DEC 18-22 36TH ANNUAL HEAD TO TOE IMAGING CONFERENCE
The New York Hilton Midtown, New York, NY

2018

- JAN 22-26 CLINICAL IMAGING SYMPOSIUM IN O'AHU
Four Seasons O'ahu at Ko Olina

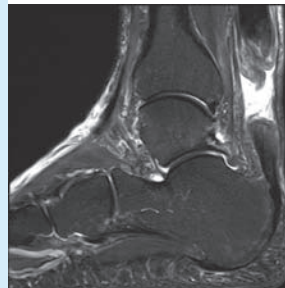


Department of Radiology
462 First Avenue
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Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries
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OPTIONAL WORKSHOP
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