

NYU's 2018

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

May 21–23, 2018

Optional Hands-on MSK
Ultrasound Workshop 2018
May 24, 2018

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.

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. Questions from the audience will be encouraged.

Hands-on MSK Ultrasound Workshop

Enrollment limited to 25 attendees

This hands-on workshop will include 4 rotating workstations divided by anatomic region (shoulder, elbow, hip, foot/ankle) and a 5th 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.

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

Erin Alaia, MD

Assistant Professor of Radiology

Luis S. Beltran, MD

Associate 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

Elisabeth Garwood, MD

Assistant Professor of Radiology

Christopher J. Gottsegen, MD

Assistant Professor of Radiology

Soterios Gyftopoulos, MD, MSc

Associate Professor of Radiology & Orthopedic Surgery

Renata La Rocca Vieira, MD

Assistant Professor of Radiology

Michael B. Mechlin, MD

Clinical Associate Professor of Radiology

Catherine N. Petchprapa, MD

Assistant Professor of Radiology

Zehava Sadka Rosenberg, MD

Professor of Radiology and Orthopedic Surgery

Mohammad M. Samim, MD

Assistant Professor of Radiology

Eric J. Strauss, MD

Associate Professor of 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 26.25 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- **NYU's 2018 Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries** **20.50 Credits**
May 21–23, 2018
- **Hands-on MSK Ultrasound Workshop 2018** **5.75 Credits**
May 24, 2018

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 2018 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/sports18>

NYU's 2018 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 21

- 7:15 am **Registration and Breakfast**
- 8:00 am **Welcome**
Leon D. Rybak, MD
Michael P. Recht, MD
- 8:10 am **Important Anatomy of Knee**
Donald L. Resnick, MD
- 8:40 am **MR Imaging of Menisci: Pearls and Pitfalls**
Mini N. Pathria, MD
- 9:00 am **Bone Bruise Patterns: What They Tell Us About The Mechanism of Injury**
Donald L. Resnick, MD
- 9:30 am **MRI of Small Joints: Tips and Tricks**
David A. Rubin, MD
- 10:00 am **Q&A with Coffee**
- 10:20 am **Important Anatomy of the Shoulder: Cuff and Labrum**
Donald L. Resnick, MD
- 11:00 am **Rotator Cuff and Biceps: Pearls and Pitfalls**
Michael J. Tuite, MD
- 11:20 am **Instability: What is New?**
Soterios Gyftopoulos, MD, MSc
- 11:40 am **Sports Injuries of the Elbow: Pearls and Pitfalls**
Lawrence M. White, MD
- 12:00 pm **Sports Injuries of the Wrist and Hand: Pearls and Pitfalls**
Catherine N. Petchprapa, MD
- 12:20 pm **US of the Upper Extremity: When and What**
Christopher Burke, MD
- 12:40 pm **Q&A**
- 12:50 pm **Lunch**

AFTERNOON INTERACTIVE SESSIONS

- 2:00–3:00 pm **Session 1**
- 3:10–4:10 pm **Session 2**
- 4:20–5:20 pm **Session 3**
- 5:20 pm **Adjourn**

TUESDAY, MAY 22

- 8:00 am **SAM: Neuropathies of Upper Extremity**
Zehava Sadka Rosenberg, MD
- 8:20 am **SAM: Neuropathies of Lower Extremity**
Jenny T. Bencardino, MD
- 8:40 am **SAM: Incidental Lesions of the Bone: When to Follow Up?**
Leon D. Rybak, MD
- 9:00 am **SAM: Incidental Extra-articular Soft Tissue Masses: When Should I Be Worried?**
Mark D. Murphey, MD, FACR
- 9:20 am **SAM: Intra-articular Soft Tissue Masses: Junk in the Joint**
Leon D. Rybak, MD
- 9:40 am **SAM: Cartilage Repair: What Does the Orthopedic Surgeon Need to Know?**
Michael P. Recht, MD
Eric J. Strauss, MD
- 10:10 am **Q&A with Coffee**
- 10:30 am **Advanced Imaging of Arthritis: What is New?**
Christine B. Chung, MD
- 10:50 am **MR of the Mid and Forefoot: Pearls and Pitfalls**
Zehava Sadka Rosenberg, MD
- 11:10 am **Imaging of Stress Injuries of the Lower Extremities**
William E. Palmer, MD
- 11:30 am **US of the Lower Extremity: Diagnostic and Interventional**
Ronald S. Adler, PhD, MD
- 11:50 am **MR of Muscle and Muscle Injury: State of the Art**
Robert D. Boutin, MD
- 12:10 pm **MR Imaging of Athletic Pubalgia: What Do I Really Need To Know**
Luis S. Beltran, MD
- 12:30 pm **Q&A**
- 12:40 pm **Lunch**

AFTERNOON INTERACTIVE SESSIONS

- 1:45–2:45 pm **Session 4**
- 2:50–3:50 pm **Session 5**
- 3:55–4:55 pm **Session 6**
- 4:55 pm **Adjourn**

WEDNESDAY, MAY 23

MORNING INTERACTIVE SESSIONS

- 9:00–10:00 am **Session 7**
- 10:10–11:10 am **Session 8**
- 11:20–12:20 pm **Session 9**
- 12:20 pm **Lunch**

RAPID FIRE

- 1:30 pm **Greater Trochanteric Pain Syndrome: What are the Imaging Findings?**
Elisabeth Garwood, MD
- 1:45 pm **Heel Pain: What Do I Look For?**
Eria Alaia, MD
- 2:00 pm **MR imaging of the AC Joint: Pearls and Pitfalls**
Renata La Rocca Vieira, MD
- 2:15 pm **Impingement Syndromes Around The Hip**
Gina A. Ciavarrá, MD
- 2:30 pm **MR imaging of Pec Tears**
Mohammad M. Samim, MD
- 2:45 pm **Frozen Shoulder**
Gregory, I. Chang, MD
- 3:00 pm **Fat pad Impingement Syndromes Around the Knee: Are They Real?**
Michael B. Mechlin, MD
- 3:15 pm **MR of the SI joints and Sacrum: What Do I Need to Know?**
Luis S. Beltran, MD
- 3:30 pm **Questions and Closing Remarks**
- 3:45 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. Questions from the audience will be encouraged.

INTERACTIVE SESSION TEACHERS

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

OPTIONAL WORKSHOP

Hands-on MSK Ultrasound

THURSDAY, MAY 24, 2018

8:30 am	Registration & Breakfast
8:55 am	Welcome — Ronald S. Adler, PhD, MD
9:00 am	Didactic Lectures
9:50 am	Coffee Break
10:00 am	Demo & Hands on Session 1
10:55 am	Break
11:00 am	Demo & Hands on Session 2
11:55 am	Lunch
12:30 pm	Demo & Hands on Session 3
1:25 pm	Break
1:30 pm	Demo & Hands on Session 4
2:25 pm	Break
2:30 pm	Demo & Hands on Session 5
3:25 pm	Questions
3:45 pm	Adjourn

WORKSHOP PRESENTERS

Ronald S. Adler, PhD, MD
Christopher Burke, MD
Elisabeth Garwood, MD
Christopher Gottsegen, MD
Mohammad M. Samim, MD

Meeting Website

<http://www.med.nyu.edu/courses/cme/us18>

Meeting Location

NYU's 2018 Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries

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

Hands-on MSK Ultrasound Workshop 2018
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 Shelburne.

Affinia Shelburne

www.affinia.com • 303 Lexington Avenue
(12 minute walk to NYU)

The Affinia Shelburne 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 as well as urban kitchen w/pantry. 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

\$298/night — Studio Deluxe Suite (1 or 2 Queens)

\$318/night — One Bedroom Suite

Room Rates Include:

- Complimentary guest-room Internet Access
- Complimentary 'Wine Hour' 5:00 pm to 6:00 pm every day, served in the lobby living-room

RESERVATIONS

- Online: Please visit www.radcme.med.nyu.edu
- Call **1-866-233-4642** and mention **NYU Sports Medicine 2018 Conference**
- Email: reservations@affinia.com
Indicate **NYU Sports Medicine 2018 Conference** to guarantee the special group rate
- Cut-off date for accepting reservations at this rate is **Friday, April 23, 2018**
(Book early as rooms may sell out prior to this date)

REGISTRATION FORM

NYU's 2018

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

May 21–23, 2018

Optional Workshop: Hands-on MSK Ultrasound 2018 | Thursday, May 24, 2018

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 21–23, 2018

Full Fee (Physicians)

\$1025 per attendee

Discounted Fee* (see below for qualifications)

\$825 per attendee

Hands-on MSK Ultrasound Workshop 2018 May 24, 2018

\$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 2018**

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, 2018. 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

2018

- JAN 22–26 NYU's Clinical Imaging Symposium in Oahu at Ko Olina Four Seasons Oahu at Ko Olina, Oahu, Hawaii
- MAR 19–23 NYU's 16th Annual Alpine Imaging Symposium in Snowmass Viceroy Snowmass, Snowmass, CO
- MAY 21–23 NYU's Advanced Imaging of the Musculoskeletal System with an Emphasis on Sports Injuries 2018 NYU Langone Medical Center, New York, NY
- MAY 24 NYU's Hands-On MSK Ultrasound Workshop 2018 NYSIM Center, Bellevue Hospital, New York, NY
- JUL 16–20 NYU's Summer Radiology Symposium at the Sagamore The Sagamore Resort, Lake George, NY
- AUG 6–10 NYU's Clinical Imaging Symposium in Banff The Fairmont Banff Springs, Banff, Canada
- OCT 1–5 NYU's Fall Radiology Symposium in Santa Barbara Four Seasons Resort The Biltmore, Santa Barbara, CA
- DEC 17–21 NYU's 37th Annual Head to Toe Imaging Conference New York Hilton Midtown, New York, NY

2019

- JAN 21–25 NYU's Clinical Imaging Symposium in Costa Rica Four Seasons Resort Costa Rica, Guanacaste, Costa Rica

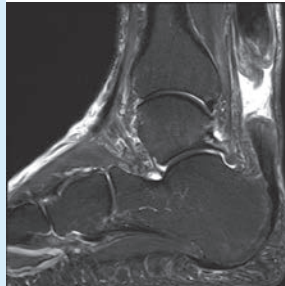


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OPTIONAL WORKSHOP
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