

Musculoskeletal Ultrasound for Rheumatologists:

BEGINNER & INTERMEDIATE

MARCH 19-20, 2016
NEW YORK, NY

Course Director
Jonathan Samuels, MD



Highlighted Topics:

- Sonoanatomy and sonopathology
- Hands-on small-group instruction for each major joint
- Injection guidance
- Recent literature review for use in rheumatic diseases
- Billing and coding
- Panel discussion on certification
- Case presentations

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Course Director

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Location

The Center for Musculoskeletal Care
6th Floor, Joseph and Nancy Errico Learning Center
333 East 38th St, New York, NY 10016

Course Description

The use of musculoskeletal ultrasound (MSKUS) has increased amongst rheumatologists in the United States over the last 5 years, but we still trail Europeans and others in this regard. MSKUS complements the physical examination by allowing for superior visualization of synovitis and erosive changes compared to conventional radiography, and provides detail comparable or supplementary to magnetic resonance imaging (MRI). This modality is also less expensive than MRI and CT scans, without the claustrophobia or other contraindications, while uniquely providing dynamic—rather than static—imaging. While MSKUS enhances our diagnostic and prognostic abilities in the clinics and at the bedside, rheumatologists skilled in MSKUS can also aspirate/inject hips and posterior knees (Baker's cysts) and improve the accuracy/success of other routine injections. A growing body of literature for MSKUS in RA, gout and other diseases is contributing significantly to the understanding of diagnostic and prognostic utility, longitudinal assessment, and disease remission. Furthermore, scoring systems focusing on the patient level rather than individual joint have been developed, allowing for simplification of exams while still retaining accuracy and utility. Despite all of this, relatively few rheumatologists have received training to use this modality. There are very few MSKUS courses focused on the needs of rheumatologists and the patients and problems that they see. We feel that there is a significant need on a regional and national level for a beginner's course for rheumatologists and associated health care professionals.

Target Audience

Rheumatologists and other health care professionals working in the field of rheumatology

Educational Objectives

At the conclusion of this activity, participants should be able to:

- Compare the efficacy of MSKUS techniques to conventional radiography and select the best diagnostic and treatment modalities to treat their patients
- Demonstrate the correct way to handle the ultrasound probe and locate and recognize normal anatomy and pathology in each of the joints using musculoskeletal ultrasound
- Utilize ultrasound to track needles into joints and bursae by both indirect and direct guidance

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

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.

Course Setup

The hands-on sessions for this course will be divided into two tracks: Beginner and Intermediate. You must choose your track upon registration. Those who have taken a course before or are familiar with all of the joint scans should opt for the Intermediate. Some lectures will also be geared more towards the Intermediate level, however they will be beneficial to all participants.

Registration

Space is limited and applications will be accepted in order of their receipt. In order to reserve your seat, please register in advance, as onsite registration is not guaranteed. An email confirmation will be sent confirming your registration. Please visit our secure website www.med.nyu.edu/cme/ultrasound to submit online registration.

SAVE THE DATE

7TH ANNUAL

PEDIATRIC RHEUMATOLOGY: AN UPDATE FOR CLINICIANS

Wednesday, March 16, 2016 • New York, NY

TOPICS INCLUDE:

- Kawasaki Disease Update
- Inpatient Pediatric Rheumatology
- Physical Therapy in Childhood Rheumatic Disease
- Macrophage Activation Syndrome
- Juvenile Idiopathic Arthritis

For more information
and to register online, please visit:

www.med.nyu.edu/cme/pedrheum

Course Schedule

Saturday, March 19

- 11:00am Registration
11:30 Welcome
11:35 Introduction: Basics, "Knobology" and General Sonopathology
12:15pm **HANDS-ON SESSION: Basics and "Knobology" Doppler and Advanced Functions***
12:45 Lunch
1:15 Knee Anatomy and Pathology
1:50 **HANDS-ON SESSION: Knee**
2:45 Hip Anatomy and Pathology
3:05 **HANDS-ON SESSION: Hip**
3:35 Coffee Break
3:45 Ankle/Foot Anatomy and Pathology
4:20 **HANDS-ON SESSION: Ankle/Foot**
5:20 Interesting Images and Case Presentations*
5:50 Year in Review: Updates from the Ultrasound Literature in Rheumatic Diseases*
6:20pm Adjourn

Sunday, March 20

- 7:45am Registration & Continental Breakfast
8:00 Welcome
8:05 Wrist/Hand Anatomy and Pathology
8:40 **HANDS-ON SESSION: Wrist/Hand**
9:35 Coffee Break
9:45 Elbow Anatomy and Pathology
10:20 **HANDS-ON SESSION: Elbow**
11:15 Documentation/Billing
11:45 Lunch Panel Discussion: Competency, Certification, and Integration of MSUS into Practice
12:45pm Shoulder Anatomy and Pathology
1:20 **HANDS-ON SESSION: Shoulder**
2:20 Pathology: Review by Disease*
2:50 Procedure Guidance: Practical Approaches and Evidence-Based Justification
3:20 **HANDS-ON SESSION: Procedure guidance**
3:50 Wrap-Up Discussion
4:00pm Adjourn

*These lectures are at an intermediate level, however all participants should attend.

Registration Form

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March 19-20, 2016 • The Center for Musculoskeletal Care, 6th floor, Joseph and Nancy Errico Learning Center, 333 East 38th St, New York, NY 10016

Register online at www.med.nyu.edu/cme/ultrasound

After 12 pm on March 17, 2016, only onsite registration is available provided the course has not reached capacity. Onsite registrants will incur an additional \$20 charge and will receive a receipt by email in 1-2 weeks. All onsite registrants will receive a printed syllabus.

PLEASE PRINT CLEARLY IN BLOCK LETTERS AND NUMBERS

Name _____
FIRST M.I. LAST

Address _____

City _____ State _____ Zip _____

Email _____
(REQUIRED FOR CME CREDIT)

Day Phone _____ Fax _____

Degree _____ Specialty _____

Course Fees

- Full Fee: \$1,250
 Fellows: \$1,000
 Reduced Fee: \$750*
 NYU Langone Faculty & Staff: \$750
Must provide valid NYU Langone ID

*Reduced fee applies to participants also registered for the NYU Seminar in Advanced Rheumatology on March 17-19, 2016.
www.med.nyu.edu/cme/rheumatology

Please select your learning track:

- Beginner Level
 Intermediate Level

Please pick your syllabus format:

Registrants that pick both options or do not pick an option will receive a printed syllabus.

- Printed Syllabus
 USB Syllabus

Methods of Payment (cash and phone registration are not accepted)

If faxing, do not mail or refax, this will only result in a duplicate charge to your account. Registration is non-transferable.

Check in U.S. Dollars only: \$ _____

Credit Card Payment (see below)

International Postal Money Order: \$ _____

Foreign registrants, including those from Canada, must pay by International Postal Money Order or credit card.

Payment by Credit Card (Credit card payments may be faxed to (212) 263-5293)

Amount to be charged: \$ _____

Bill to: Visa MasterCard American Express

Credit Card Number: _____

Card Member's Name: _____

Exp Date: _____ CVV Code: _____

Signature: _____

REFUND POLICY: In order to request a refund, you must email maria.mercado@nyumc.org no later than 14 days prior to the first day of the course. An administrative fee of \$75 will be deducted from your refund. Cancellations or no-shows after this date are not eligible for a refund.

COURSE CANCELLATION POLICY: If a course is cancelled due to inclement weather, insufficient enrollment, or any other reason, NYU PGMS will refund registration fees in full. NYU PGMS will provide at least two weeks' advance notice if cancelling due to insufficient enrollment and as soon as possible in all other circumstances. NYU PGMS is not responsible for any airfare, hotel, or other non-cancellable costs incurred by the registrant.



Post-Graduate Medical School
550 First Avenue
New York, NY 10016



NYU LANGONE SEMINAR IN
Advanced Rheumatology
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