



Cleveland Clinic

Orthopaedic & Rheumatologic Institute

Musculoskeletal Ultrasound Workshop

June 20 – 21, 2014

InterContinental Hotel and Bank of America Conference Center | Cleveland, OH

Register Today! ccfcme.org/ultrasound



Features:

- Cadaveric and tissue labs will help improve your joint aspiration and injection skills
- Learn how to optimize ultrasound machine settings
- Improve your diagnostic skills using live models
- Taught by leading multidisciplinary staff
- Extensive hands-on exposure in small groups



Attend the Musculoskeletal Ultrasound Workshop

This two-day conference will provide an intermediate to advanced level of exposure to musculoskeletal ultrasound. By attending this workshop, you will improve your knowledge of ultrasound including diagnostic scanning and state-of-the-art techniques in ultrasound-guided procedures, which will improve patient outcomes.

Expert faculty will direct you in understanding how to optimize ultrasound machine settings for diagnostic and interventional techniques using various devices. You will also have the opportunity to demonstrate and improve your skills using live models. The newest procedures for joint aspirations and injections will be reviewed with both cadavers and animal tissue samples. Clinicians with no experience are welcome to attend, but are encouraged to prepare by reading and acquiring basic ultrasound skills before the event.

You Will Learn How To:

- Provide a critical review of the use of ultrasound in musculoskeletal care
- Optimize ultrasound machine settings for diagnostic and interventional techniques
- Describe sonographic findings in common pathologies
- Demonstrate basic techniques of basic musculoskeletal ultrasound scanning on each major musculoskeletal region
- Demonstrate appropriate use of ultrasound to identify targets for injection and guide needle placement in cadavers
- Identify pathology on live models with known abnormalities

Who Should Attend

Physicians in rheumatology, PM&R, radiology, primary care, orthopaedic surgery, pain management, sports medicine, as well as podiatrists, nurses, physician assistants, and allied health professionals will benefit by attending this conference.

Activity Directors

Michael P. Schaefer, MD, R-MSK

Physical Medicine and Rehabilitation
Neurological Institute
Orthopaedic and Rheumatologic Institute
Cleveland Clinic

Patricia Delzell, MD

Department of Diagnostic Radiology
Imaging Institute
Cleveland Clinic

Cleveland Clinic Faculty

Matthew Bunyard, MD

Department of Rheumatologic and
Immunologic Disease
Orthopaedic and Rheumatologic Institute

Soumya Chatterjee, MD

Department of Rheumatologic and
Immunologic Disease
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Carly Day, MD, R-MSK

Department of Orthopaedic Surgery –
Sports Health
Orthopaedic and Rheumatologic Institute

Richard Figler, MD

Department of Orthopaedic Surgery –
Sports Health
Orthopaedic and Rheumatologic Institute

Michael Forney, MD

Department of Regional Radiology
Imaging Institute

Kim Gladden, MD

Department of Orthopaedic Surgery –
Sports Health
Physical Medicine and Rehabilitation
Orthopaedic and Rheumatologic Institute

Guest Faculty

Jonathan Finnoff, DO

Team Physician, US Ski Team
University of California Davis School of Medicine
Physician, Tahoe Orthopedics and
Sports Medicine
Director of Sports Medicine, Barton Health
Clinical Professor, Department of PM&R
South Lake Tahoe, CA

Laura Goldberg, MD

Department of Orthopaedic Surgery –
Sports Health
Orthopaedic and Rheumatologic Institute

Mehrnaz Hojjati, MD

Department of Rheumatologic and
Immunologic Disease
Orthopaedic and Rheumatologic Institute

Susan Joy, MD

Department of Orthopaedic Surgery –
Sports Health
Orthopaedic and Rheumatologic Institute

Meredith Konya, MD

Department of Orthopaedic Surgery
Orthopaedic and Rheumatologic Institute

Evan Peck, MD, R-MSK

Department of Orthopaedic Surgery
Cleveland Clinic Florida

Steven Shook, MD

Department of Neurology
Neurological Institute

Agenda

Friday, June 20, 2014

- 6:30 am

Registration and Breakfast
- 7:00 am

Introduction
Michael Schaefer, MD
- 7:10 am

Diagnostic and Interventional Musculoskeletal Ultrasound in Sports Medicine – Part 1
Jonathan Finnoff, DO
- 7:30 am

Instrumentation and Knobology
Evan Peck, MD
- 7:45 am

Ultrasound Guided Interventions – Basics and Needle Visualization
Michael Forney, MD, and Michael Schaefer, MD

	Group A1 Moderator: <i>Susan Joy, MD</i>	Group A2 Moderator: <i>Richard Figler, MD</i>	Group B1 Moderator: <i>Soumya Chatterjee, MD</i>	Group B2 Moderator: <i>Kim Gladden, MD</i>
	Location: cSite Lab		Location: Hotel	
8:15 am	Cadaver Stations	Lab Classroom Hands-on Scanning (live models)	Lectures/Demonstrations Shoulder – <i>Evan Peck, MD</i> Elbow – <i>Michael Schaefer, MD</i> Wrist/Hand – <i>Matthew Bunyard, MD</i> Hip – <i>Patricia Delzell, MD</i> Knee – <i>Jonathan Finnoff, DO</i> Below the Knee – <i>Michael Forney, MD</i> Amphitheater	
			9:45 am Break and Rotation of Groups	
10:00 am	Lab Classroom Hands-on Scanning (live models)	Cadaver Stations	Scanning Stations (body regions) Amphitheater	Scanning Stations (body regions) Six Continents Room
12:00 pm	Lunch			
	Location: Hotel		Location: cSite Lab	
1:00 pm	Lectures/Demonstrations Shoulder – <i>Evan Peck, MD</i> Elbow – <i>Michael Schaefer, MD</i> Wrist/Hand – <i>Matthew Bunyard, MD</i> Hip – <i>Patricia Delzell, MD</i> Knee – <i>Jonathan Finnoff, DO</i> Below the Knee – <i>Michael Forney, MD</i> Amphitheater		Cadaver Stations	Lab Classroom Hands-on Scanning (live models)
	2:45 pm Break and Rotation of Groups			
3:00 pm	Scanning Stations (body regions) Amphitheater	Scanning Stations (body regions) Six Continents Room	Lab Classroom Hands-on Scanning (live models)	Cadaver Stations
4:45 pm	Adjourn			

Saturday, June 21, 2014

7:00 am Registration and Breakfast

7:30 am Overview
Michael Schaefer, MD

	Group A Moderator: Mehrnaz Hojjati, MD	Group B Moderator: Laura Goldberg, MD
8:00 am	Scanning Stations (body regions) Six Continents Room	Lectures Diagnostic and Interventional Musculoskeletal Ultrasound in Sports Medicine – Part 2 <i>Jonathan Finnoff, DO</i> Ultrasound Guided Interventions: Evidence-Based Practice and Advanced Procedures <i>Michael Forney, MD, and</i> <i>Michael Schaefer, MD</i> Ultrasound Findings in Rheumatic Disease <i>Matthew Bunyard, MD</i> Ultrasound of Peripheral Nerve <i>Steven Shook, MD</i> Room #204
9:45 am	Break and Rotation of Groups	
10:15 am	Lectures Diagnostic and Interventional Musculoskeletal Ultrasound in Sports Medicine – Part 2 <i>Jonathan Finnoff, DO</i> Ultrasound Guided Interventions: Evidence-Based Practice and Advanced Procedures <i>Michael Forney, MD, and</i> <i>Michael Schaefer, MD</i> Ultrasound Findings in Rheumatic Disease <i>Matthew Bunyard, MD</i> Ultrasound of Peripheral Nerve <i>Steven Shook, MD</i> Room #204	Scanning Stations (body regions) Six Continents Room
12:00 pm	Lunch	
1:00 pm	Tissue/Model Injection Practice and Live Scanning Six Continents Room	Live Scanning Stations – Models with Known Pathology Room #204
2:15 pm	Live Scanning Stations – Models with Known Pathology Room #204	Tissue/Model Injection Practice and Live Scanning Six Continents Room
3:30 pm	Adjourn	

OPTIONAL Session – Room #204

3:45 – 5:00 pm “Scanning with the Experts” / Sample Patients with Pathology

General Information

Location

InterContinental Hotel and Bank of America Conference Center
9801 Carnegie Avenue
Cleveland, OH 44106
Phone: 216.707.4100 or 877.707.8999

Hotel Accommodations

A limited block of rooms has been reserved at the InterContinental Hotel until April 26, 2014 at 5:00 PM. To make your reservations, contact the Hotel Reservations Department at 216.707.4000 or 877.707.8999 and identify yourself as being with the **Cleveland Clinic Musculoskeletal CME** group to receive a special rate of \$179 single/double plus tax. The hotel is located on the campus of the Cleveland Clinic.

Information

For further information about this workshop, contact the Cleveland Clinic Center for Continuing Education at:

Local: 216.448.0770
Toll Free: 800.238.6750
Web Address: ccfcme.org/ultrasound

Parking

Parking is available in the East 100th St./Carnegie Avenue Visitor's Parking Garage at prevailing rates. Valet parking is available at the hotel for an additional charge.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 16.0 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the **American Osteopathic Association** for Category 2 credit.

This course will assist applicants in fulfilling some of the eligibility requirement for musculoskeletal ultrasound certification in rheumatology.

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Registration and Cancellation

Preregistrations are accepted until 2:00 pm ET June 19, 2014. Please register on site after this date. In case of cancellation, a full refund will be made if canceled by Thursday, May 26, 2014. After May 26, 2014, a \$50 cancellation fee will be deducted from your refund. Written notification of your cancellation is required to process your refund. NO REFUNDS WILL BE ISSUED AFTER JULY 20, 2014.

For registration questions, please email cmeregistration@ccf.org or call 216.448.0777

Register Online at: ccfcme.org/ultrasound

Your registration fee includes:

Daily continental breakfast, lunch, refreshment breaks and PowerPoint presentations in PDF format will be available online.

Physician	\$1,050
Alumnus	\$945
Resident*/Fellow*	\$575
Nurse/Non-Physician	\$575

*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.

Cleveland Clinic recognizes the importance of protecting the privacy and security of information provided to us. Therefore, we are no longer requesting credit card data in writing, including on registration forms or faxes. If you would like to register using a credit card, please log in to ccfcme.org/ultrasound where it will be handled directly by a certified processor.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

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Two Ways to Register



ONLINE

ccfcme.org/ultrasound

Cleveland Clinic employee fees and registration are available online only.



BY MAIL

The Cleveland Clinic Educational Foundation
PO Box 931653, Cleveland, OH 44193-1082

Make check payable to:

The Cleveland Clinic Educational Foundation

Total check amount enclosed: \$ _____

Please Print Complete the information below if registering by mail.

First Name: _____ MI: _____ Last Name: _____ Degree: _____

Institution Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Fax Number: _____

Email Address: _____ Specialty: _____

Practice Type: ☐ Office-Based ☐ Hospital Staff ☐ Resident/Fellow ☐ Other

☐ I require vegetarian meals

Fees

Fee Includes: continental breakfasts, online syllabus, refreshment breaks, and lunches

	Fee
☐ Physician	\$1,050
☐ Alumnus	\$945
☐ Resident* /Fellow*	\$575
☐ Nurse/Non-Physician	\$575
*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.	

☐	I would like to attend the optional "Scanning with the Experts" / Sample Patients with Pathology workshop on Saturday, June 21, 2014 (registration is limited and first come, first served)
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For registration questions, please email cmeregistration@ccf.org or call 216.448.0777

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