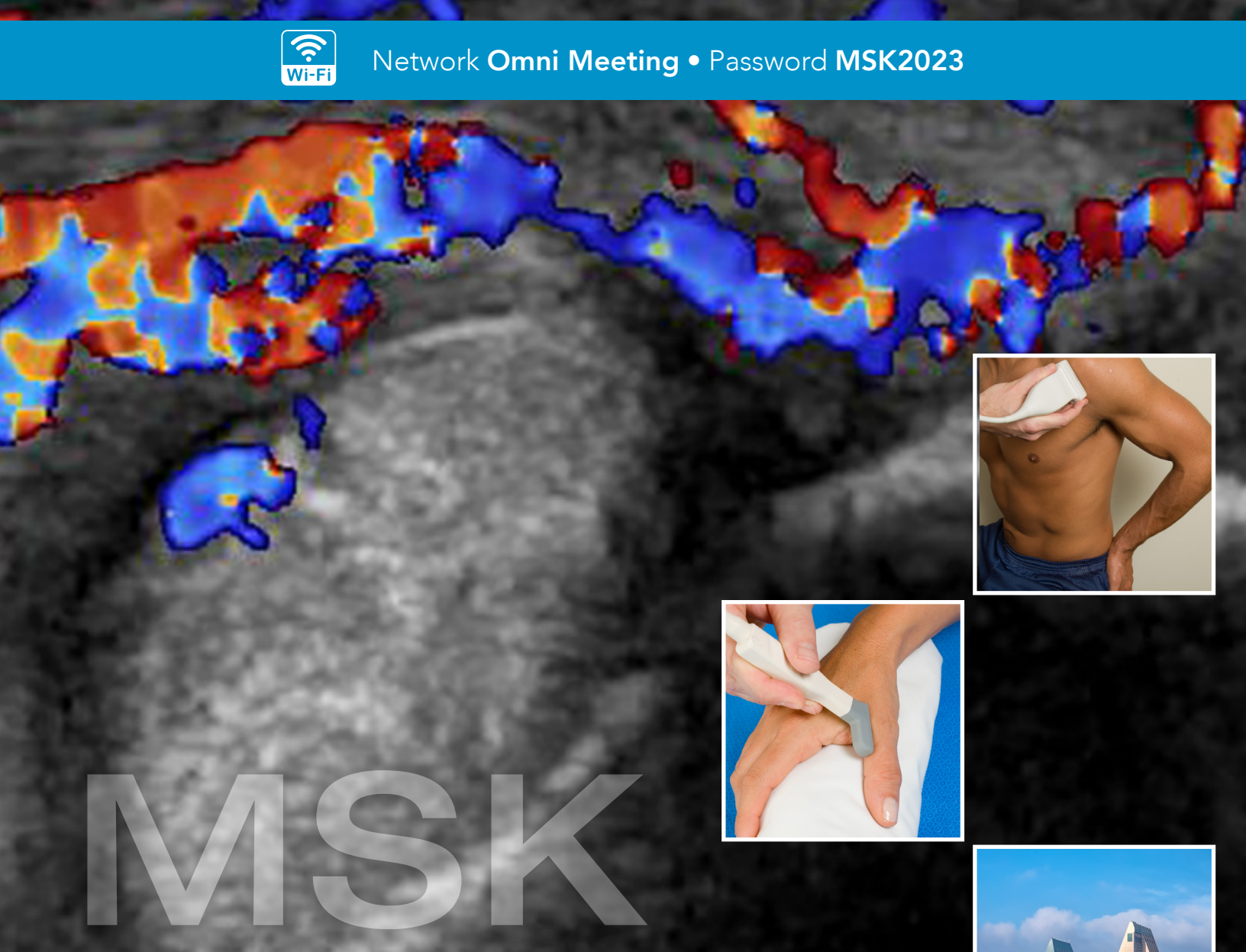


18th ANNUAL FUNDAMENTALS OF MUSCULOSKELETAL ULTRASOUND

Course Director: Jon A Jacobson, MD, FACR



Network Omni Meeting • Password MSK2023



SEPTEMBER 6-9, 2023

Omni San Diego Hotel • San Diego, California



FundamentalsMSK



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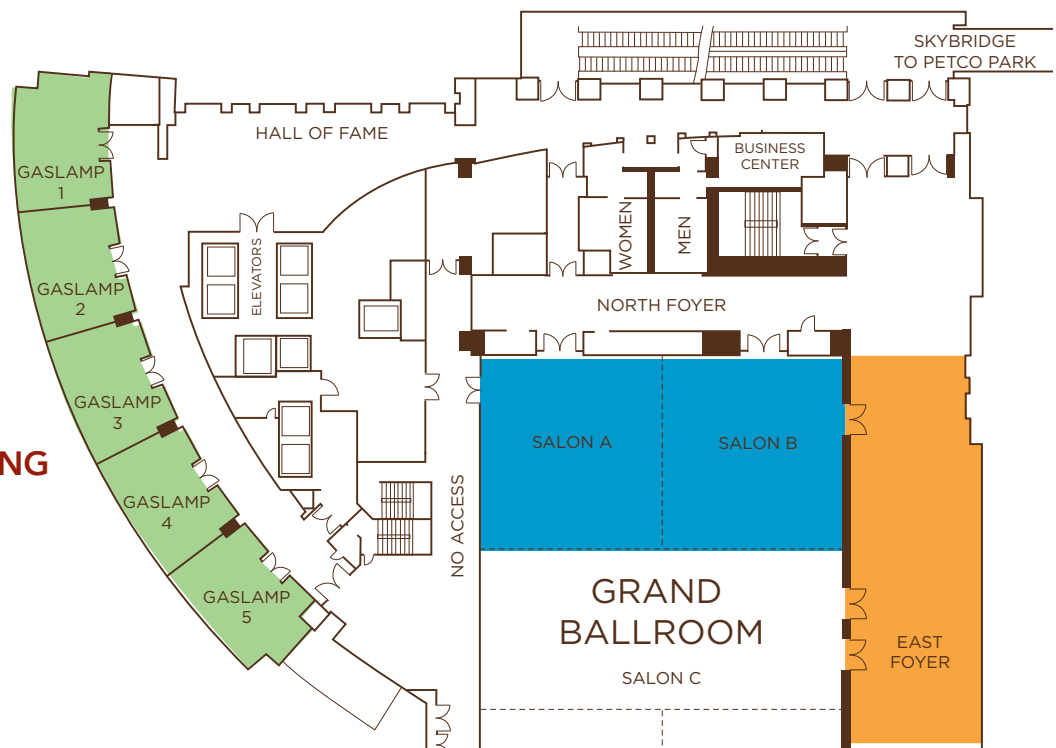
OMNI SAN DIEGO • MSK MEETING SPACE

REGISTRATION & INFORMATION	East Foyer	LIVE SCANNING DEMONSTRATIONS	Salon A/B
EXHIBITS / BREAKFAST / BREAKS	East Foyer	LECTURES	Salon A/B
HANDS-ON WORKSHOPS & OPEN SCANNING		Gaslamp 1-5 & Balboa 1-4	

**5TH FLOOR
HANDS-ON SCANNING
STATIONS 6 - 8**



**4TH FLOOR
HANDS-ON SCANNING
STATIONS 1 - 5**



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DIPSPORTMED, RMSK**
Chief, Physical Medicine and Rehabilitation
Sharp Rees Stealy Medical Group

WEDNESDAY, SEPTEMBER 6 • LEARNER NOTIFICATION

MUSCULOSKELETAL ULTRASOUND • 2023 FUNDAMENTALS OF MUSCULOSKELETAL ULTRASOUND

ACKNOWLEDGEMENT OF FINANCIAL COMMERCIAL SUPPORT

No financial commercial support was received for this educational activity.

ACKNOWLEDGEMENT OF IN-KIND COMMERCIAL SUPPORT

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SATISFACTORY COMPLETION

Learners must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. OR You must attend the entire webinar as partial credit is not available. If you are seeking continuing education credit for a specialty not listed below, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.

JOINT ACCREDITATION STATEMENT



In support of improving patient care, this activity has been planned and implemented by Amedco LLC and Musculoskeletal Ultrasound (MSK). Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Amedco Joint Accreditation #4008163.

INTRODUCTORY TRACK TOTAL

PHYSICIANS (ACCME) CREDIT DESIGNATION

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INTERMEDIATE TRACK TOTAL

PHYSICIANS (ACCME) CREDIT DESIGNATION

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SOCIETY OF DIAGNOSTIC MEDICAL SONOGRAPHY (SDMS) CME CREDIT

This activity is an approved **SDMS CME activity**. This activity is approved for **12.50 SDMS credits** depending on your attendance and registration.

WEDNESDAY, SEPTEMBER 6 • LEARNER NOTIFICATION

LIVE: September 6 – 9, 2023 – San Diego, CA • **ENDURING:** September 10, 2023 – November 10, 2023 – **ONLINE**

OBJECTIVES - AFTER ATTENDING THIS PROGRAM YOU SHOULD BE ABLE TO

1. Identify the anatomy of the extremities.
2. List the basic components of extremity ultrasound techniques.
3. Recognize common pathology of the musculoskeletal system as seen at ultrasound.

DISCLOSURE OF CONFLICT OF INTEREST

The following table of disclosure information is provided to learners and contains the relevant financial relationships that each individual in a position to control the content disclosed to Amedco. All of these relationships were treated as a conflict of interest, and have been resolved. (C7 SCS 6.1- 6.2, 6.5)

All individuals in a position to control the content of CE are listed below.

Mark Cresswell Philips Healthcare: Consultant

Andrew Grainger Canon Ultrasound UK: Speakers Bureau, GE Medical UK: Speakers Bureau

Jon Jacobson Elsevier: Other, Bioclinica: Consultant

HOW TO CLAIM YOUR CME CERTIFICATE

1. Go to <http://msk.cmecertificateonline.com/>
2. Click on the title for the activity you wish to evaluate:
 - a. **2023 Fundamentals of Musculoskeletal Ultrasound LIVE**
 - i. Evaluation will be available online 9/9/2023 through 10/9/2023
 - b. **2023 Fundamentals of Musculoskeletal Ultrasound – Introductory Track ENDURING**
 - i. Evaluation will be available online 9/10/2023 through 12/10/2023
 - c. **2023 Fundamentals of Musculoskeletal Ultrasound – Intermediate Track ENDURING**
 - i. Evaluation will be available online 9/10/2023 through 12/10/2023
3. Evaluate the meeting and click the hyperlink provided on the last page to claim your credit certificate.
4. Save/Download/Print all pages of your certificate for your records.
5. If you lose your certificate, or need help, go to help.cmecertificateonline.com

Questions? Email Certificate@AmedcoEmail.com



WEDNESDAY, SEPTEMBER 6 • SHOULDER

Registration & Information / Exhibits / Breakfast / Breaks

East Foyer (4th Floor)

Live Scanning Demonstrations / Lectures

Salon AB (4th Floor)

Hands-On Workshops & Open Scanning

Gaslamp 1-5 (4th Floor) & Balboa 1-4 (5th Floor)

INTRODUCTORY TRACK

7:30 am	Welcome/General Instructions <i>Jon Jacobson, MD, FACR</i>
7:40 am	Image Optimization and General Principles <i>Marcos Sampaio, MD</i>
8:00 am	Shoulder: Live Scanning Demonstration <i>Jon Jacobson, MD, FACR</i>
8:30 am	Rotator Cuff <i>Jon Jacobson, MD, FACR</i>
9:00 am	Questions
9:15 am	Beyond the Rotator Cuff <i>Marcos Sampaio, MD</i>
9:45 am	Questions
10:00 am	Break with Exhibitors
10:30 am	Shoulder: Hands-On Workshop <i>Faculty</i>
12:00 pm	End of Session
12:00 pm	Open Scanning: No models or faculty
5:00 pm	End of Open Scanning

INTERMEDIATE TRACK

7:30 am	Welcome/General Instructions <i>Jon Jacobson, MD, FACR</i>
7:40 am	Image Optimization and General Principles <i>Marcos Sampaio, MD</i>
8:00 am	Shoulder: Live Scanning Demonstration <i>Jon Jacobson, MD, FACR</i>
8:30 am	Shoulder: Hands-On Workshop <i>Faculty</i>
10:00 am	Break with Exhibitors
10:30 am	Pitfalls in Rotator Cuff Ultrasound <i>Levon Nazarian, MD</i>
10:45 am	Post-Operative Shoulder <i>Jon Jacobson, MD, FACR</i>
11:00 am	Pectoralis Major Assessment <i>Jon Jacobson, MD, FACR</i>
11:15 am	Biceps Brachii <i>Levon Nazarian, MD</i>
11:30 am	Intervention: Joint, Bursa, Calcific Tendinitis <i>Levon Nazarian, MD</i>
11:45 am	Questions
12:00 pm	End of Session
12:00 pm	Open Scanning: No models or faculty
5:00 pm	End of Open Scanning

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INTRODUCTORY TRACK

7:30 am	Elbow/Wrist/Hand Live Scanning Demonstration <i>Theodore T. Miller, MD, FACR</i>
8:00 am	Elbow Ultrasound <i>Theodore T. Miller, MD, FACR</i>
8:45 am	Questions
9:00 am	Wrist and Hand Ultrasound <i>Linda Probyn, MD</i>
9:45 am	Questions
10:00 am	Break with Exhibitors
10:30 am	Elbow: Hands-On Workshop <i>Faculty</i>
11:30 am	Wrist and Hand: Hands-On Workshop <i>Faculty</i>
12:30 pm	End of Session
12:30 pm	Open Scanning: No models or faculty
5:00 pm	End of Open Scanning

INTERMEDIATE TRACK

7:30 am	Elbow/Wrist/Hand: Live Scanning Demonstration <i>Theodore T. Miller, MD, FACR</i>
8:00 am	Elbow: Hands-On Workshop <i>Faculty</i>
9:00 am	Wrist: Hands-On Workshop <i>Faculty</i>
10:00 am	Break with Exhibitors
10:30 am	Gamekeeper's Thumb and Finger Pathology <i>Jon Jacobson, MD, FACR</i>
10:45 am	Biceps and Triceps Brachii <i>Jon Jacobson, MD, FACR</i>
11:00 am	Epicondylitis and Tenotomy <i>Andrew Grainger, FRCR, FRCP</i>
11:20 am	Questions
11:30 am	Rheumatology: Upper Extremity <i>Andrew Grainger, FRCR, FRCP</i>
11:45 am	Peripheral Nerve Pathology: Upper Extremity <i>Theodore T. Miller, MD, FACR</i>
12:00 pm	Interventional Techniques: Elbow, Wrist, Hand <i>Theodore T. Miller, MD, FACR</i>
12:20 pm	Questions
12:30 pm	End of Session
12:30 pm	Open Scanning: No models or faculty
5:00 pm	End of Open Scanning



FRIDAY, SEPTEMBER 8 • HIP, THIGH AND KNEE

INTRODUCTORY TRACK

7:30 am	Hip/Thigh/Knee: Live Scanning Demonstration <i>Jon Jacobson, MD, FACR</i>
8:00 am	Hip and Thigh Ultrasound <i>Mark Cresswell, MD</i>
8:45 am	Questions
9:00 am	Knee Ultrasound <i>Sandra J. Allison, MD, FACR</i>
9:45 am	Questions
10:00 am	Break with Exhibitors
10:30 am	Hip and Thigh: Hands-On Workshop <i>Faculty</i>
11:30 am	Knee: Hands-On Workshop <i>Faculty</i>
12:30 pm	End of Session
12:30 pm	Open Scanning: No models (Faculty Available 3:00 pm - 5:00 pm)
5:00 pm	End of Open Scanning

INTERMEDIATE TRACK

7:30 am	Hip/Thigh/Knee: Live Scanning Demonstration <i>Jon Jacobson, MD, FACR</i>
8:00 am	Hip and Thigh: Hands-On Workshop <i>Faculty</i>
9:00 am	Knee Hands-On Workshop <i>Faculty</i>
10:00 am	Break with Exhibitors
10:30 am	Greater Trochanteric Pain Syndrome <i>Jon Jacobson, MD, FACR</i>
10:45 am	Inguinal Hernias <i>Jon Jacobson, MD, FACR</i>
11:00 am	Hip Joint and Labral Pathology <i>Rob Campbell, MBChB DMRD FRCR</i>
11:20 am	Questions
11:30 am	Common Knee Pathology, <i>Rob Campbell, MBChB DMRD FRCR</i>
11:45 am	Hamstring Pathology, <i>Marcos Sampaio, MD</i>
12:00 pm	Interventional Techniques: Hip and Knee <i>Marcos Sampaio, MD</i>
12:15 pm	Questions
12:30 pm	End of Session
12:30 pm	Open Scanning: No models (Faculty Available 3:00 pm - 5:00 pm)
5:00 pm	End of Open Scanning

6:00 PM LIVE MUSIC BY JENN AND TONIC
Palm Terrace (Poolside • 6th Floor)



SATURDAY, SEPTEMBER 9 • ANKLE AND FOOT

INTRODUCTORY TRACK

7:30 am	Ankle and Foot: Live Scanning Demonstration <i>Andrew Grainger, FRCR, FRCP</i>
8:00 am	Ankle and Foot Ultrasound <i>Levon Nazarian, MD</i>
8:45 am	Questions
9:00 am	Break with Exhibitors
9:30 am	Ankle and Foot Hands-On Workshop <i>Faculty</i>
10:30 am	End of Session and Course

INTERMEDIATE TRACK

7:30 am	Ankle and Foot: Live Scanning Demonstration <i>Andrew Grainger, FRCR, FRCP</i>
8:00 am	Ankle and Foot: Hands-On Workshop <i>Faculty</i>
9:00 am	Break with Exhibitors
9:30 am	Inflammatory Arthritis <i>Linda Probyn, MD</i>
9:45 am	Peripheral Nerve Pathology: Lower Extremity <i>Sandra J. Allison, MD, FACR</i>
10:00 am	Other Foot and Ankle Pathology <i>Sandra J. Allison, MD, FACR</i>
10:15 am	Questions
10:30 am	End of Session and Course

SATURDAY, SEPTEMBER 9 • TICKETED SESSIONS

SPECIAL ONE-ON-ONE SCANNING SESSIONS

11:00 am All Faculty

12:00 pm All Faculty

SPECIAL INTERVENTIONAL SESSION

INTRODUCTORY TRACK

1:00 pm Interventional Techniques *Martin Torriani, MD, MMSc*

1:20 pm Joint Aspiration / Injection *Mark Cresswell, MD*

1:40 pm Bursa Aspiration / Injection *Martin Torriani, MD, MMSc*

2:00 pm Questions

2:15 pm Break with Exhibitors

2:30 pm Interventional: Hands-On Workshop *Faculty*

4:00 pm End of Interventional Session

INTERMEDIATE TRACK

1:00 pm Interventional Hands-On Workshop *Faculty*

Needle Guidance

Joint Injection

Fenestration

2:15 pm Break with Exhibitors

2:30 pm Tendinopathy: Clinical Management *Jon Halperin, MD, FABPMR, DipSportMed, RMSK*

2:45 pm Tenotomy *Jon A. Jacobson, MD, FACR*

3:00 pm Questions

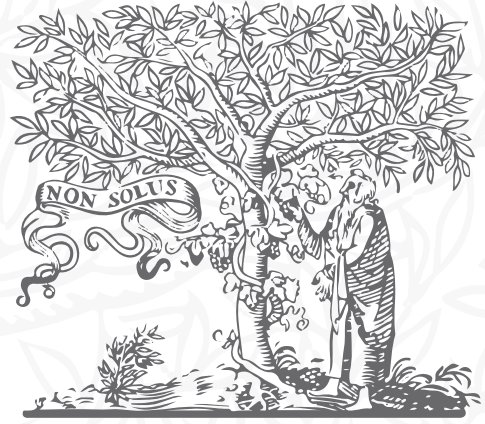
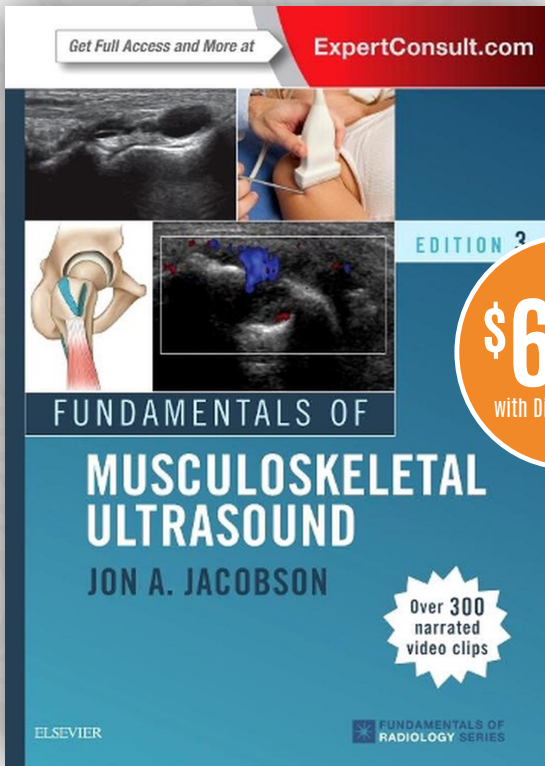
3:15 pm Prolotherapy *Mark Cresswell, MD*

3:30 pm Platelet Rich Plasma *Jon Halperin, MD, FABPMR, DipSportMed, RMSK*

3:45 pm Questions

4:00 pm End of Interventional Session

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ELSEVIER

Fundamentals of Musculoskeletal Ultrasound, 3rd Edition

Author Jon A. Jacobson



Effectively perform and interpret musculoskeletal ultrasound with this concise, highly illustrated resource by Jon A. Jacobson, MD. Fully revised, this bestselling title covers all the essential details of musculoskeletal ultrasound imaging, providing a solid understanding of the technique and how to make accurate diagnoses. It takes a concise, clear, and step-by-step approach to all of the most common musculoskeletal ultrasound applications, with specific details on anatomy, patient positioning, scanning techniques, normal and abnormal findings, tips, and pitfalls.

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