

March 22 - 23, 2021

	March 22, 2021	
7:30	Welcome and Introductions	1
7:45	Ultrasound Evaluation of the Shoulder - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics	Jon Jacobson, MD, RMSK
8:45	Break	
9:00	Ultrasound Evaluation of Shoulder Pathology & Soft Tissue	
	Integration of Data & Treatment	
10:15	Break	
10:30	Ultrasound Evaluation of the Elbow - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics	
11:00	Ultrasound Evaluation of Elbow Pathology & Soft Tissue	
11:30	Ultrasound Evaluation of the Hip - Anatomy & Physiology Scan Protocols & Normal Sonographic Characteristics	
12:10	Lunch	
1:15	Ultrasound Evaluation of Hip Pathology & Soft Tissue	Jon Jacobson, MD, RMSK
2:15	Break	
2:30	Interventional Procedures	
3:15	Break	
3:30	Mock Exam 1	
4:30	Adjourn	
esday, I	March 23, 2021	
esday, I 7:45	March 23, 2021 Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics	Jon Jacobson, MD, RMSK
	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic	Jon Jacobson, MD, RMSK
7:45	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics	Jon Jacobson, MD, RMSK
7:45 8:45	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics Break	Jon Jacobson, MD, RMSK
7:45 8:45 9:00	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics Break Ultrasound Evaluation of Foot/Ankle Pathology	Jon Jacobson, MD, RMSK
7:45 8:45 9:00 10:00	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics Break Ultrasound Evaluation of Foot/Ankle Pathology Integration of Data & Treatment	Jon Jacobson, MD, RMSK
7:45 8:45 9:00 10:00 10:30	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics Break Ultrasound Evaluation of Foot/Ankle Pathology Integration of Data & Treatment Break Ultrasound Evaluation of the Hand/Wrist - Anatomy & Physiology	Jon Jacobson, MD, RMSK
7:45 8:45 9:00 10:00 10:30 10:45	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics Break Ultrasound Evaluation of Foot/Ankle Pathology Integration of Data & Treatment Break Ultrasound Evaluation of the Hand/Wrist - Anatomy & Physiology Scan Protocols & Normal Sonographic Characteristics	Jon Jacobson, MD, RMSK
7:45 8:45 9:00 10:00 10:30 10:45	Ultrasound Evaluation of the Foot & Ankle	Jon Jacobson, MD, RMSK
7:45 8:45 9:00 10:00 10:30 10:45 11:15 12:00	Ultrasound Evaluation of the Foot & Ankle - Anatomy & Physiology - Scan Protocols & Normal Sonographic Characteristics Break Ultrasound Evaluation of Foot/Ankle Pathology Integration of Data & Treatment Break Ultrasound Evaluation of the Hand/Wrist - Anatomy & Physiology Scan Protocols & Normal Sonographic Characteristics Ultrasound Evaluation of hand/wrist pathology Integration of Data	Jon Jacobson, MD, RMSK
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^{**} This is a tentative course itinerary. Lecture faculty, times and dates may be subject to change.



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The Gulfcoast Ultrasound Institute is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Gulfcoast Ultrasound Institute designates this internet live educational 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 educational activity.

This course also meets CME / CEU requirements for ARDMS. Note: While offering the CME credit hours noted above, activities are not intended to provide extensive training or certification for exam performance or interpretation.

NEEDS STATEMENT:

The planning committee has determined a need for the following educational activity based on request from the medical community, expanded utilization of ultrasound, and lab accreditation requirements.

COURSE OBJECTIVES:

At the completion of the program the participant should be able to:

- 1. Increase the participant's knowledge to better perform and/or interpret MSK ultrasound examinations.
- 2. Outline appropriate transducer selection, system optimization, and identify commonly seen artifacts associated with MSK ultrasound.
- 3. State scanning protocols for performing shoulder, elbow, wrist/hand, knee, ankle, foot and hip ultrasound examinations.
- 4. Identify normal anatomy during musculoskeletal ultrasound imaging.
- 5. Recognize ultrasound characteristics of commonly seen pathology of the shoulder, knee, elbow, wrist hand, ankle, foot, and hip.
- 6. Outline the use of MSK sonography for diagnosis and treatment options, including ultrasound-guided interventions.
- 7. Integrate all patient and imaging data for effective analysis of examination results.
- 8. Identify areas of that may require further study
- 9. Increase knowledge and competence for successful registry examination completion.

While offering CME credits this activity is not intended to provide extensive training or certification for performing or interpreting musculoskeletal examinations. We recommend working under supervised conditions until an accepted level of proficiency has been achieved.

No financial commercial support or educational grants were received for this activity & no "in-kind" commercial support is provided as no "hands-on" instruction is performed.



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Disclosure of Relevant Financial Relationships With Commercial Companies/Organizations

Gulfcoast Ultrasound Institute, Inc. endorses the standards and essentials of the Accreditation Council for Continuing Medical Education for activities and the speakers at these activities disclose significant relationships with commercial companies.

Speakers having relevant relationships include receiving from a commercial company research grants, consultancies, honoraria and travel, or having a self-managed equity interest in a company.

FACULTY:

Jon Jacobson, MD, RMSK
Professor of Radiology
Director, Div. of Musculoskeletal Radiology
University of Michigan Medical Center
Ann Arbor, Michigan
No relevant financial relationships to disclose

All presentations for this CME activity were reviewed and approved by member(s) of the GUI staff to determine content validity and ensure that no conflicts of interest exist prior to final course material compilation and printing.



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Disclosure of Individuals in Control of Content

In addition to the faculty listed on the previous page the following individuals are recognized by GUI as being in control of content of this program:

James Mateer, MD, RDMS (Medical Director-planner & QI Task Force)

Medical Director, Gulfcoast Ultrasound Institute Milwaukee, WI

No relevant financial relationships to disclose

Charlotte Derr, MD, RDMS, FACEP (Co-Medical Director-planner & QI Task Force)

Assistant Professor of Emergency Medicine & Fellowship Director of Emergency Medicine Ultrasound Fellowship Program University of South Florida Medical School Tampa, FL No relevant financial relationships to disclose

No relevant illiancial relationships to disclose

Andreas Dewitz, MD, RDMS (Member of Advisory Board & QI Task Force Subcommittee)

Associate Professor of Emergency Medicine Vice Chair of Ultrasound Education Boston Medical Center Boston, MA No relevant financial relationships to disclose

Lori Green, BA, RDMS, RDCS, RVT (Program Director-planner, Content Reviewer, QI Task Force)

Gulfcoast Ultrasound Institute, Inc.

St. Petersburg, FL

No relevant financial relationships to disclose

Trisha Reo, AAS, RDMS, RVT (Program Coordinator-planner, Content Reviewer, QI Task Force)

Gulfcoast Ultrasound Institute, Inc.

St. Petersburg, FL

No relevant financial relationships to disclose

Content:

All content for this CME activity were reviewed and approved by member(s) of the GUI staff to determine content validity and ensure that no conflicts of interest exist prior to final course material compilation and printing.

Reviewed & approved:

Lorí Green BA, RDMS, RDCS, RVT

Trísha Reo AAS, RDMS, RVT

HANDS-ON INSTRUCTORS:

No hands-on instruction is performed for this course.