



Peripheral Nerve Ultrasound Virtual Conference

May 17 – 18, 2021

Monday, May 17, 2021		
7:30	Welcome	
7:45	Interactive Polling Session	
8:00	Introduction to Ultrasound	Jon Jacobson, MD, RMSK
8:45	Introduction to Ultrasound Evaluation of Peripheral Nerves	Jeffrey Strakowski, MD
9:45	5-minute Stretch Break	
9:50	Ultrasound Evaluation of the Brachial Plexus/Shoulder Nerves: Normal & Pathology	Jeffrey Strakowski, MD
10:50	Break	
11:00	Ultrasound Evaluation of the Radial, Ulnar, and Median Nerves: Normal & Pathology	Jon Jacobson, MD, RMSK
12:00	Lunch Break	
12:45	Live Demo: Upper Extremity Nerves	Jeffrey Strakowski, MD
1:15	Ultrasound Evaluation of the Knee Nerves: Normal & Pathology	Jon Jacobson, MD
1:35	Ultrasound Evaluation of the Foot & Ankle Nerves: Normal & Pathology	Jeffrey Strakowski, MD
2:30	Break	
2:40	Ultrasound Evaluation of the Hip Nerves	Jeffrey Strakowski, MD
3:05	Peripheral Nerve Trauma and Tumors	Jon Jacobson, MD, RMSK
3:30	Intro to Spine US: S/I Joints & Facets	Brian Shipley, DO
4:30	Adjourn	

Tuesday, May 18, 2021		
7:30	Welcome Back & Announcements	
7:45	Live Demo: Lower Extremity Nerves	Jon Jacobson, MD, RMSK
8:15	Ultrasound-Guided Peripheral Nerve Injection Technique	Jeffrey Strakowski, MD
9:00	5-minute Stretch Break	
9:05	Challenging Peripheral Nerve Cases	Jeffrey Strakowski, MD
10:05	Break	
10:15	Neuromuscular Ultrasound	Katharine Alter, MD
10:45	Chemodenervation	
11:15	EMG/Ultrasound	Jeffrey Strakowski, MD
12:00	Q/A	All faculty
12:15	Lunch	
1:15	Advanced nerve injections/releases & possibilities	Craig Chappell, DO
2:15	Q/A	
2:30	Adjourn	

** 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 14.0 *AMA PRA Category 1 Credits*[™]. Physicians should claim only 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 peripheral nerve ultrasound exams.
2. State the basic fundamentals of ultrasound physics and demonstrate appropriate optimization of system controls.
3. Recognize anatomy and ultrasound characteristics of the nerves and surrounding tissue to assist with management of focal neuropathies.
4. Assess and diagnose focal neuropathies using high frequency ultrasound techniques.
5. Outline the standard approach for common and uncommon peripheral nerve blocks and interventions.
6. Recognize muscle echo texture and anatomical localization for diagnostic purposes and therapeutic injections, including chemodenervation.
7. State the benefits of utilizing EMG/Ultrasound.
8. Outline standard approaches for performing advanced and/or regenerative nerve procedures.
9. Increase confidence to perform diagnostic and therapeutic ultrasound guidance for peripheral nerve procedures.
10. Increase confidence to incorporate protocols, scan techniques, and interpretation criteria to improve diagnostic/treatment accuracy.
11. List the diagnostic considerations for performing ultrasound-guided intervention for facets and SI joints.

While offering CME credits this activity is not intended to provide extensive training or certification for performing or interpreting peripheral nerve ultrasound 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 and 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.

LECTURING FACULTY:

Jeffrey Strakowski, MD
(Course Director, Planner, and QI Task Force Subcommittee)
Physical Medicine Associates, Inc
Columbus, OH
No relevant financial relationships to disclose

Jon Jacobson, MD, RMSK
(GUI QI Task Force Subcommittee)
Professor of Radiology
Director, Div. of Musculoskeletal Radiology
University of Michigan Medical Center
Ann Arbor, MI
No relevant financial relationships to disclose

Katharine Alter, MD
Medical Director, Functional and Applied Biomechanics
NIH Clinical Center
Bethesda, MD
No relevant financial relationships to disclose

Craig Chappell, DO, CAQSM, RMSK
(GUI QI Task Force Subcommittee)
IN2IT Medical Non-Surgical Ortho & Sports Medicine,
Orem, UT
No relevant financial relationships to disclose

Brian Shiple, DO, CAQSM, RMSK
President, AAOM
Board Certified Sports Medicine
The Center for Sports Medicine
Glenn Mills, PA
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 Subcommittee)

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 Subcommittee)

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

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 Subcommittee)

Gulfcoast Ultrasound Institute, Inc.
St. Petersburg, FL

No relevant financial relationships to disclose

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

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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:

Lori Green BA, RDMS, RDCS, RVT

Trisha Reo AAS, RDMS, RVT

HANDS-ON INSTRUCTORS:

No hands-on instruction is performed for this course.