

**HANDS-ON
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**DEPARTMENT OF RADIOLOGY
MEDICAL SCHOOL**
UNIVERSITY OF MICHIGAN



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Course Director: Jon A. Jacobson, M.D., University of Michigan

Fundamentals of Musculoskeletal Ultrasound:

Lower Extremity Course

September 23 - 24, 2017

University of Michigan Medical School
Ann Arbor, MI

11.0 AMA PRA Category 1 Credit(s)TM

About The Meeting

This two-day course will provide dedicated instruction in musculoskeletal ultrasound of the lower including didactic lectures and supervised hands-on workshops with ultrasound scanning of live models. The content of this course will be lower extremity, and will include a comprehensive review of anatomy and pertinent pathology. Topics will include pathology of joints, tendons, muscles, ligaments, and peripheral nerves. Imaging of inflammatory arthritis and an overview of ultrasound-guided procedures of the hip, knee, ankle, and foot will also be included.

Target Audience

This CME Activity is primarily designed to educate radiologists, rheumatologists, orthopedists, sports medicine physicians, and sonographers. Technologist performing these examinations should also benefit from this course.

Scientific Sponsor

Educational Symposia

Accreditation

Physicians: Educational Symposia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 11.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit UofM.edusymp.com or call 1-800-338-5901 regarding the availability of Category A CE credit.

ARDMS Sonographer Technologists: *AMA PRA Category 1 Credit(s)*[™] meet the requirements of the Accepted Continuing Education Evaluation Model System (AACCEEMS) Checklist of the American Registry for Diagnostic Medical Sonography (ARDMS).

This service is not affiliated with or endorsed by ARDMS.

Educational Objectives

Attendees should, at the completion of this course, be able to:

- Utilize ultrasound to assess the lower extremities.
- Describe the components of lower extremity ultrasound techniques.
- Identify major anatomical structures of the lower extremity using ultrasound.
- Recognize common pathology of the lower extremity as seen with ultrasound.
- Discuss common ultrasound-guided interventional techniques of the lower extremity.

No special educational preparation is required for this CME activity.

Sheraton Ann Arbor Hotel

Space Is Limited - Reserve Today:

Visit edusymp.com and search **UMMSK17** to visit the accommodations page for additional hotel information.

Call for Reservations:

(734) 996-0600 and provide group code **UM Musculoskeletal Seminar**.

Single/Double	\$139.00
Triple	\$149.00
Quad	\$159.00

HOTEL CUT-OFF DATE: AUGUST 22, 2017

(group rates 3 days prior/post – space available basis)

HOTEL TAX: 11%

DEPOSIT POLICY: Credit card required to secure reservation.

CANCELLATION POLICY: Cancellations must be received by 6:00 PM the day before arrival or one nights room and tax will be charged.

HOTEL: 3200 Boardwalk St.
Ann Arbor, MI 48108

PHONE: (734) 996-0600

Course Organization

This program is planned and organized by Educational Symposia, the leader in diagnostic imaging education since 1975.

Acknowledgement

Educational Symposia appreciates our corporate supporters and exhibitors. A list of industry supporters will be provided and acknowledged at the meeting.


Registration Information

Tuition includes all course materials, including a comprehensive electronic color course syllabus, daily continental breakfasts, lunch and coffee breaks. Early registration is strongly suggested. There will be a \$100 surcharge for anyone registering after **September 14, 2017**. Minimum and maximum attendance levels have been established for this meeting. If your registration cannot be accepted, you will be issued a full tuition refund.

Cancellations must be received in writing. A \$50 processing fee will be applied to all cancellations. Refunds requested in writing prior to **August 25, 2017** will be issued for the amount of tuition paid less the \$50 processing fee. No refunds will be made on or after that date.

Reduce your mail clutter or just add email announcements. Please visit the “Mailing List” section of our website at www.edusymp.com.

Disclaimer: Educational Symposia (ESI) as planner and presenter of this meeting, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee, and Professional Travel’s responsibility is limited to that of an agent.

 **Special Note for the Disabled:** Educational Symposia wishes to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (800) 338-5901 or (813) 806-1000.

Faculty

Program Director: Jon A. Jacobson, M.D.

Sarah Cullum, RDMS, RMSK

*Musculoskeletal Ultrasound Technologist
University of Michigan
Ann Arbor, MI*

Qian Dong, M.D.

*Associate Professor of Radiology
University of Michigan
Ann Arbor, MI*

Heidi Ehrich, RDMS, RMSK

*Musculoskeletal Ultrasound Technologist
University of Michigan
Ann Arbor, MI*

David P. Fessell, M.D.

*Professor of Radiology
University of Michigan
Ann Arbor, MI*

**Girish Gandikota, MBBS, FRCS,
FRCR, RMSK**

*Associate Professor of Radiology
University of Michigan
Ann Arbor, MI*

Jon A. Jacobson, M.D.

*Professor of Radiology
Director, Division of Musculoskeletal Radiology
University of Michigan
Ann Arbor, MI*

Sung Moon Kim, M.D.

*Clinical Associate Professor of Radiology
University of Michigan
Ann Arbor, MI*

Dana Rowland, RDMS

*Musculoskeletal Ultrasound Technologist
University of Michigan
Ann Arbor, MI*

Kathleen Sagash, RDMS, RMSK

*Musculoskeletal Ultrasound Technologist
University of Michigan
Ann Arbor, MI*

Corrie M. Yablon, M.D.

*Associate Professor of Radiology
University of Michigan
Ann Arbor, MI*

**If you receive more than one brochure,
please pass the extra along to a colleague.**

GROUP A

7:00 – 7:30 AM Registration and Continental Breakfast for Registrants

7:30 – 7:40

Welcome and General Instructions

Jon A. Jacobson, M.D.

7:40 – 8:00

Image Optimization and Introduction

Jon A. Jacobson, M.D.

8:00 – 8:30

Hip: Live Scanning Demonstration

Jon A. Jacobson, M.D.

8:30 – 8:45

Joint Pathology

Girish Gandikota, MBBS, FRCS, FRCR, RMSK

8:45 – 9:00

Iliopsoas/Anterior Tendon Pathology

Jon A. Jacobson, M.D.

9:00 – 9:15

Greater Trochanter Pathology

Girish Gandikota, MBBS, FRCS, FRCR, RMSK

9:15 – 9:30

Hamstring Pathology

Girish Gandikota, MBBS, FRCS, FRCR, RMSK

9:30 – 9:50

Hernia Evaluation

Jon A. Jacobson, M.D.

9:50 – 10:00

Questions and Answer Session

Faculty

10:10 – 10:30 Coffee Break for Registrants

10:30 – 12:00 PM Hands on Workshop: Hip
Faculty

12:00 – 1:00 Lunch (provided)

1:00 – 1:30

Knee: Live Scanning Demonstration

Corrie M. Yablon, M.D.

1:30 – 3:00 Hands on Workshop: Knee
Faculty

3:00 – 3:30 Coffee Break for Registrants

3:30 – 3:45

Joint Pathology

Sung Moon Kim, M.D.

3:45 – 4:00

Bursal Pathology

Corrie M. Yablon, M.D.

4:00 – 4:15

Tendon Pathology

Sung Moon Kim, M.D.

4:15 – 4:30

Peripheral Nerve Pathology

Corrie M. Yablon, M.D.

4:30 – 4:50

Miscellaneous Knee Pathology

Sung Moon Kim, M.D.

4:50 – 5:00

Question and Answer Session

Faculty

5:00

End of Session

GROUP B

7:00 – 7:30 AM Registration and Continental Breakfast for Registrants

7:30 – 7:40

Welcome and General Instructions

Jon A. Jacobson, M.D.

7:40 – 8:00

Image Optimization and Introduction

Jon A. Jacobson, M.D.

8:00 – 8:30

Hip: Live Scanning Demonstration

Jon A. Jacobson, M.D.

8:30 – 10:00

Hands on Workshop: Hip
Faculty

10:00 – 10:30 Coffee Break for Registrants

10:30 – 10:45

Joint Pathology

Girish Gandikota, MBBS, FRCS, FRCR, RMSK

10:45 – 11:00

Iliopsoas/Anterior Tendon Pathology

Jon A. Jacobson, M.D.

11:00 – 11:15

Greater Trochanter Pathology

Girish Gandikota, MBBS, FRCS, FRCR, RMSK

11:15 – 11:30

Hamstring Pathology

Girish Gandikota, MBBS, FRCS, FRCR, RMSK

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Hernia Evaluation

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Knee: Live Scanning Demonstration

Corrie M. Yablon, M.D.

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Joint Pathology

Sung Moon Kim, M.D.

1:45 – 2:00

Bursal Pathology

Corrie M. Yablon, M.D.

2:00 – 2:15

Tendon Pathology

Sung Moon Kim, M.D.

2:15 – 2:30

Peripheral Nerve Pathology

Corrie M. Yablon, M.D.

2:30 – 2:50

Miscellaneous Knee Pathology

Sung Moon Kim, M.D.

2:50 – 3:00

Question and Answer Session

Faculty

3:00 – 3:30 Coffee Break for Registrants

3:30 – 5:00

Hands on Workshop: Knee
Faculty

5:00

End of Session

GROUP A

7:30 – 8:00 AM	Continental Breakfast for Registrants
8:00 – 8:30	Ankle/Foot: Live Scanning Demonstration <i>David P. Fessell, M.D.</i>
8:30 – 8:45	Achilles and Calf Pathology <i>David P. Fessell, M.D.</i>
8:45 – 9:00	Other Tendon Pathology <i>Qian Dong, M.D.</i>
9:00 – 9:15	Ligament Pathology <i>Qian Dong, M.D.</i>
9:15 – 9:30	Inflammatory Arthritis <i>David P. Fessell, M.D.</i>
9:30 – 9:50	Miscellaneous Ankle/Foot Pathology <i>Qian Dong, M.D.</i>
9:50 – 10:00	Question and Answer Session <i>Faculty</i>
10:00 – 10:30	Coffee Break for Registrants
10:30 – 12:00 PM	Hands on Workshop: Ankle/Foot <i>Faculty</i>
12:00	End of Course

GROUP B

7:30 – 8:00 AM	Continental Breakfast for Registrants
8:00 – 8:30	Ankle/Foot Live Scanning Demonstration <i>David P. Fessell, M.D.</i>
8:30 – 10:00	Hands on Workshop: Ankle/Foot <i>Faculty</i>
10:00 – 10:30	Coffee Break for Registrants
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11:50 – 12:00 PM	Question and Answer Session <i>Faculty</i>
12:00	End of Course

REGISTER ONLINE: UofM.Edusymp.com






<input type="checkbox"/> Skill Level: Introductory	Suggested for registrants who are developing scanning techniques and protocols.
<input type="checkbox"/> Skill Level: Advanced	Suggested for registrants who have attended prior musculoskeletal ultrasound courses, who are able to demonstrate normal anatomy, and who are comfortable with common pathology (i.e. those who have scanned >100 patients)
<input type="checkbox"/> Full Course Including Workshops \$895	
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