

MTMI

Medical Technology
Management Institute



Essentials of Musculoskeletal Ultrasound: Diagnostic^{and} Interventional Skills

**3 day Hands-on Course
in Charleston, SC
October 19-21, 2018**

offered in two tracks of study:

Track A

for those with 1 year or less experience

Track B

for those with more than 1 year experience



Workshop Schedule

~~~~ Day One ~~~~~

|                   |                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------|
| 7:00 am           | <i>Registration and Continental Breakfast</i>                                                                             |
| 8:00 am           | Introduction/Announcements                                                                                                |
| 8:15 am           | Ultrasound Basics and Image Optimization                                                                                  |
| 8:45 am           | Normal Ultrasound Anatomy of Shoulder with Live Demonstration                                                             |
| 10:00 am          | Q & A with Faculty                                                                                                        |
| 10:15am           | <i>Information Discussion / Break</i>                                                                                     |
| 10:30 am          | Track A: • Shoulder Hands-On / Q and A                                                                                    |
| <i>Dual Track</i> | Track B: • Rotator Cuff and the Other Shoulder Pathology<br>• Shoulder Procedures—Calcific Tendinitis Lavage & SASD Bursa |
| 12:00pm           | <i>Lunch Provided</i>                                                                                                     |
| 1:00 pm           | Track A: • Rotator Cuff Tears and Biceps Tendon                                                                           |
| <i>Dual Track</i> | • Shoulder Procedures - Joint, SASD Bursa and Biceps                                                                      |
|                   | Track B: • Shoulder Hands-On / Q and A                                                                                    |
| 2:30 pm           | <i>Informal Discussion and Break</i>                                                                                      |
| 2:45 pm           | Normal Ultrasound Anatomy of Elbow/Wrist with Live Demonstration                                                          |
| 4:00 pm           | Track A: • Elbow and Wrist Hands-On                                                                                       |
| <i>Dual Track</i> | Track B: • Epicondylitis and Distal Biceps Tear<br>• Common Wrist Pathology                                               |
| 5:00 pm           | Track A: • Epicondylitis and UCL Injuries                                                                                 |
| <i>Dual Track</i> | • Common Wrist Pathology                                                                                                  |
|                   | Track B: • Elbow and Wrist Hands-On                                                                                       |
| 6:00 pm           | <i>Adjourn for the Day</i>                                                                                                |

~~~~ Day Two ~~~~~

| | |
|-------------------|---|
| 7:00 am | <i>Registration/Continental Breakfast</i> |
| 7:30 am | Principles and Techniques of Ultrasound Guided Interventions |
| 8:00 am | Normal Ultrasound Anatomy of Hip & Thigh w/Live Demonstration |
| 9:15 am | <i>Informal Discussion and Break</i> |
| 9:30 am | Track A: • Hip and Thigh Hands-On |
| <i>Dual Track</i> | Track B: • Snapping Hip and Groin Injury
• Hip Procedures: Iliopsoas Bursa, Hamstring, Ischiofemoral Impingement |
| 10:30 am | Track A: • Common Hip Pathology |
| <i>Dual Track</i> | • Hip Procedures: Joint, Iliopsoas Bursa, Greater Trochanteric Bursa |
| | Track B: • Hip and Thigh Hands-On |
| 11:30 am | Interventional Hands-On (both tracks) |
| 12:30 pm | <i>Lunch (on your own)</i> |
| 1:00 pm | <i>Optional Open Scan - (No Models and Limited Faculty)</i> |
| | Upper Extremity and Hip |
| 4:00 pm | <i>Adjourn for the Day</i> |

~~~~ Day Three ~~~~~

|                   |                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------|
| 7:30 am           | <i>Registration/Continental Breakfast</i>                                                     |
| 8:00 am           | Normal Ultrasound Anatomy of Knee & Ankle w/Live Demonstration                                |
| 9:30 am           | Track A: • Knee and Ankle Hands-On                                                            |
| <i>Dual Track</i> | Track B: • Extensor Mechanism and the MCL<br>• Achilles, Plantar Fascia and Common Procedures |
| 10:30 am          | Q & A with Faculty                                                                            |
| 10:45 am          | <i>Informal Discussion and Break</i>                                                          |
| 11:00 am          | Track A: • Baker's Cyst and Guided Procedures                                                 |
| <i>Dual Track</i> | • Ankle Tendons and Ligaments                                                                 |
|                   | Track B: • Knee and Ankle Hands-on                                                            |
| 12:15 pm          | <i>Closing Remarks and Adjourn</i>                                                            |

## About this Course

This musculoskeletal ultrasound imaging workshop focuses on ultrasound principles and operation, including presentations of proper scanning techniques with demonstration of those techniques. Along with a review of sonographic imaging of normal anatomy, there will be a review of pathology encountered followed by personal hands-on instruction in scanning. To complete the course, intervention techniques will be discussed and demonstrated with a hands-on lab. The combined 3 day program makes this an effective learning experience to improve the provider's technical competency and patient outcome. *The hands-on workshop will be offered in two tracks. Track A is designed for those with 1 year or less experience while Track B is designed for those with more than 1 year of experience with MSK Ultrasound.* Attendees will be provided with an opportunity to learn proper imaging techniques for the shoulder, elbow, wrist, hip, knee and ankle. Learning will be facilitated through an interactive and practical format with the direct supervision of our knowledgeable and experienced faculty.

## Who Should Attend

- radiologists
- emergency physicians
- sports medicine physicians
- sonographers
- others interested in improving their skills in MSK ultrasound imaging
- rheumatologists
- athletic trainers
- orthopedic physicians
- fellows/residents

## Faculty

Kenneth Lee, MD-Program Director  
Assoc. Professor of Radiology  
University of Wisconsin  
Madison, Wisconsin

Cristy French, MD  
Assistant Professor of Radiology  
Penn State Health  
Hershey, Pennsylvania

J. Antonio Bouffard, MD  
Detroit Medical Center  
Detroit, Michigan

Leah Davis, DO, RMSK  
Ass. Prof, Rad and Rad Science  
Medical University of South Carolina  
Charleston, South Carolina

Jennifer Hoffman, RDMS, RMSKS, RVT  
Medical University of South Carolina  
Charleston, South Carolina

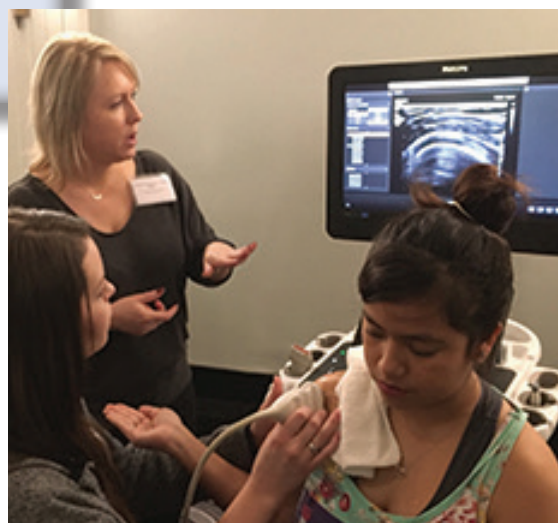
Christina Hendricks, BS, RDMS, RMSKS, RVT, RT(R)  
University of Wisconsin  
Madison, Wisconsin

William Medford, RDMS, RMSKS  
Lead Musculoskeletal Ultrasound Technologist  
Seattle, Washington

## Educational Objectives

*At the completion of this course, participants will be able to:*

- Describe scanning techniques for the shoulder, elbow, wrist, hip, knee and ankle.
- Recognize common pathological structures visualized in the joints studied.
- Demonstrate performance of ultrasound scanning protocols of joints on live models.
- Learn and perform interventional techniques assisted by ultrasound guidance.



### Accreditation

The Medical Technology Management Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Medical Technology Management Institute designates this live activity for a maximum of 16.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



### Continuing Education

This program provides 16.75 hours of Category A continuing education credit for radiologic technologists approved by ASRT and recognized by the ARRT and various licensure states. Category A credit is also recognized by CAMRT's Continuing Education Credit Approval Program for CE credit in Canada. You must attend the entire program to receive your certificate of completion.



### Conflict of Interest Statement

It is the policy of MTMI to ensure balance, objectivity and scientific rigor in all sponsored CME activities. All faculty and planners are required to disclose any related financial interests. Disclosures are reviewed and all conflicts of interest resolved. Disclosures will be shared at the course.

### Nursing Credits

Provider approved by the California Board of Registered Nursing, Provider Number CEP # 16205 for 17 contact hours.

# Meeting Location & Accommodations

Charleston Marriott  
170 Lockwood Boulevard  
Charleston, SC 29403-5123  
843-723-3000

Reservations: Call 800-228-9290  
Group Listed as: MTMI: Hands-On MSK  
Make reservation by: Sept 24, 2018  
Rate: \$209.00 per night + tax

Airport Transportation:  
Hotel does not offer airport shuttle service.  
Taxi is approximately \$30.00(one-way)  
Hotel Parking: Self- Parking complimentary,  
Valet \$10.00 daily



## Registration

go to [www.mtmi.net](http://www.mtmi.net) , or

complete the registration form and mail it with your tuition to **MT MI**, W140 N8917 Lilly Rd, Menomonee Falls, WI 53051, or call (800) 765-6864 or fax the form to (414) 238-2740

- Refunds, minus a \$50 processing fee, will be granted for cancellations received prior to 10 days before the program.
- Cancellations received within 10 days of the program will receive a credit toward a future MTMI seminar, minus the \$50 processing fee. No refunds will be made after the program.

MTMI reserves the right to cancel any scheduled program because of low advance registration or other reasons. MTMI's liability is limited to a refund of any tuition fee paid.

Your satisfaction with MTMI programs is guaranteed,  
a guarantee we are confident you won't need to use.



Registration Form:

Essentials of Musculoskeletal Ultrasound: Diagnostic and Interventional Skills

October 19-21, 2018 in Charleston, SC

Please print clearly - this is how your name will appear on your certificate.

Name: \_\_\_\_\_ degree/title: \_\_\_\_\_ Specialty: \_\_\_\_\_

Home Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip code: \_\_\_\_\_ \*e-mail: \_\_\_\_\_

\* registration confirmation will be sent to this e-mail address -PRINT CLEARLY

Day phone: ( ) \_\_\_\_\_ Eve. phone: ( ) \_\_\_\_\_

# MTMI

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MTMI is committed to support  
anyone with special needs.  
Call 800-765-6864 f  
or assistance.

Total:

\$ \_\_\_\_\_

| Tuition (check where applicable)                                              | regular tuition                 | *Track A                 | **Track B                |
|-------------------------------------------------------------------------------|---------------------------------|--------------------------|--------------------------|
| Physician                                                                     | <input type="checkbox"/> \$1600 | <input type="checkbox"/> | <input type="checkbox"/> |
| Resident, Fellow or Military                                                  | <input type="checkbox"/> \$1090 | <input type="checkbox"/> | <input type="checkbox"/> |
| Technologist or Sonographer                                                   | <input type="checkbox"/> \$890  | <input type="checkbox"/> | <input type="checkbox"/> |
| *Track A- 1 year or less experience    **Track B- more than 1 year experience |                                 |                          |                          |

Credit Card # \_\_\_\_\_ 3 digit code: \_\_\_\_\_

expiration date: \_\_\_\_\_ ☐ MasterCard ☐ Visa ☐ AMEX ☐ Discover ☐ check

**Return to:**

**MTMI** ♦ W140 N8917 Lilly Road ♦ Menomonee Falls, WI 53051  
800-765-MTMI(6864) or 262-717-9797 or email [custservice@mtmi.net](mailto:custservice@mtmi.net) or FAX to 414-238-2740  
or register online at [www.mtmi.net](http://www.mtmi.net)