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The Musculoskeletal Ultrasound Skills Course

Choose from two great locations:

November 2-3 at the
Venetian & Palazzo Resort in Las Vegas

November 15-16 at the
Walt Disney World Swan Hotel in Orlando

www.iamce.com/MSK

iamce
INSTITUTE FOR ADVANCED
MEDICAL EDUCATION

ABOUT THE CONFERENCE

The Musculoskeletal Ultrasound Skills Course

Musculoskeletal ultrasound imaging has evolved into a powerful tool that requires a high degree of skill to navigate sonoanatomy using the latest instrumentation. This 1.5 day course will cover the basic techniques and applications of diagnostic and interventional sports/musculoskeletal ultrasound in the major joints of the body related to sports medicine injuries.

The primary audience is:

- | | | |
|------------------------------|-------------------------------|-------------------|
| ■ Sports Medicine Physicians | ■ Sonographers | ■ Radiologists |
| ■ Orthopedic Surgeons | ■ Certified Athletic Trainers | ■ Rheumatologists |

About IAME

The Institute for Advanced Medical Education has been the leading provider of ultrasound and imaging-based training programs since 1992, with over 40,000 participants to date. The MSK Ultrasound Skills Course is an outgrowth of this experience. Our programs have been characterized by internationally known faculty, practice-friendly scheduling and impactful design. Whether you are new to musculoskeletal ultrasound or are looking for a solid refresher, you can be assured of taking away practical knowledge and abilities that will benefit your practice for years to come.

Lecture Faculty

COURSE DIRECTOR

Joshua G. Hackel MD, FAAFP, CAQSM, RMSK

Associate Professor, Florida State School of Medicine
Director of The Navy/Andrews Institute
Primary Care Sports Medicine Fellowship
Andrews Institute for Orthopaedics
Gulf Breeze, Florida

SPEAKERS

Darryl Barnes MD (LV only)
Department of Family Medicine
Mayo Clinic
Rochester, Minnesota

J. Antonio Bouffard MD (LV only)
Department of Orthopaedic Surgery &
Sports Medicine

Detroit Medical Center Sports Medicine
Consultant Radiologist
Andrews Institute for Orthopaedics
Gulf Breeze, Florida

Sean Martin DO, CAQSM (Orlando only)
Eglin AFB Family Medicine
Eglin Air Force Base, Florida

Evan Peck MD (Orlando only)
Department of Orthopaedic Surgery
Cleveland Clinic Florida
Weston, Florida

Workshop Faculty

The hands-on workshops are conducted by the lecture faculty listed above as well as additional instructors as dictated by course enrollment. As with all of IAME's training programs, you will enjoy a small faculty:participant ratio to ensure that you leave the course with practicable skills.

ACCOMMODATIONS



Las Vegas, Nevada

November 2-3, 2013

Venetian & Palazzo Resort Hotels

3355 Las Vegas Boulevard South
Las Vegas, NV 89109

Reservations: 877-385-3885

Specify IAME Meeting

Rate: \$239 per night single or
doubleplus \$20 resort fee and
applicable taxes

Cut-off Date: October 11, 2013

The Venetian and Palazzo Hotels are inspired by the romance and grandeur of Venice, Italy, and you are treated to an unparalleled array of amenities and attractions. Remarkable restaurants include Wolfgang Puck, Emeril Lagasse, and other culinary luminaries. The hotel offers the renowned Canyon Ranch SpaClub® – where a full-service salon, fitness center, rock-climbing wall, and a wide range of treatment packages await you.

Alternate Accommodations

Attendees desiring alternate accommodations due to pricing or availability can contact the Las Vegas Convention and Visitors Authority at (877) 847-4858.



Orlando, Florida

November 15-16, 2013

Walt Disney World Swan

1500 Epcot Resorts Boulevard
Lake Buena Vista, FL 32830

Reservations: 1-888-828-8850

Specify IAME meeting

Rate: \$209 per night plus \$14
resort fee and applicable taxes

Cut-off date: October 25, 2013

The Walt Disney World Swan, located in the heart of the Walt Disney World® Resort, is an award-winning, deluxe hotel and your gateway to Central Florida's illustrious theme parks and attractions. Enjoy the new Mandara Spa, 17 spectacular restaurants and lounges, five pools, a white sand beach, two health clubs, tennis, nearby golf and many special Disney benefits.

www.iamе.com/MSK

SCHEDULE

Day **1**

- 8:00 AM **Registration and Continental Breakfast**
8:30 AM **Welcome Introductory Remarks** – Hackel

Module I: Shoulder

- 8:35 AM **Basic Principles, Echo Signatures of US Structures** – Bouffard (LV) or Peck (Orlando)
9:00 AM **Knobology** – Barnes (LV) or Martin (Orlando)
9:20 AM **Shoulder Ultrasound Exam** (Live Demonstration) – Bouffard (LV) or Hackel (Orlando)
9:40 AM **Shoulder Pathology** – Hackel
 - A. Rotator Cuff Tendonitis/Tear/Bursitis/ Impingement**
 - B. Calcified Rotator Cuff Tendonitis**
 - C. Biceps Tendonitis/AC Joint Injuries/Dynamic Imaging**

10:00 AM **Shoulder Therapeutics** – Barnes (LV) or Peck (Orlando)
10:20 AM **Panel Discussion**
10:40 AM **Coffee Break**

Module II - Knee

- 11:10 AM **Knee Ultrasound Anatomy** – Hackel
11:30 AM **Knee Ultrasound Exam** (Live Demonstration) – Bouffard (LV) or Martin (Orlando)
11:50 AM **Knee Pathology** – Barnes (LV) or Peck (Orlando)
 - A. Patella Tendon Injuries/Prepatellar Bursitis**
 - B. Quadriceps Injuries**
 - C. Medial Collateral Sprain**
 - D. Meniscus Injuries/Baker's Cyst**

12:15 PM **Knee Therapeutics** – Hackel
12:40 PM **Panel Discussion**
1:00 PM **Lunch Provided**

Module III: Elbow

- 2:00 PM **Elbow Ultrasound Anatomy** – Barnes (LV) or Martin (Orlando)
2:20 PM **Elbow Ultrasound Exam** (Live Demonstration) – Bouffard (LV) or Peck (Orlando)
2:40 PM **Elbow Pathology** – Hackel
 - A. Medial epicondylitis**
 - B. UCL injuries vs. Pronator Mass strain**
 - C. Lateral Epicondylitis**
 - D. Distal Biceps Injuries**

3:05 PM **Hands-On Workshops** Faculty assisted hands-on scanning of live subjects in the anatomic areas covered by the day's lectures. In addition to human models participants will also gain practice in anatomic recognition and needle guidance using turkey breasts and pig feet.
6:00 PM **Adjourn**

Every Module provides detailed instruction in the anatomy, pathology and scan technique of their respective areas. Copies of every lecture are provided in the course syllabus.

SCHEDULE

Day 2

7:30 AM Continental Breakfast

Module IV: Hand, Wrist, Foot, Ankle and Hip

8:00 AM **Wrist and Hand Examination and Pathology** – Bouffard (LV) or Peck (Orlando)

- A. Radial Wrist Pain
- B. Carpal Tunnel Syndrome
- C. MCP/IP Joint Arthritis
- D. Finger Pulley Issues
- E. Tenosynovitis, De Quervain's, Intersection Syndrome etc

8:35 AM **Foot and Ankle Examination** (Live Demonstration) – Barnes (LV) or Martin (Orlando)

8:55 AM **Foot and Ankle Pathology** – Hackel

- A. Neuromas
- B. Plantar Fasciitis
- C. Medial/Lateral Ligament and Tendon Sprains/Strains
- D. Achilles Tendinopathy and Tear

9:20 AM **Hip Ultrasound** – Bouffard (LV) or Peck (Orlando)

- A. Gluteal Tendinopathy
- B. Femoral Acetabular Impingement
- C. Hip Arthritis/Injection

9:45 AM **Coffee Break**

10:05 AM **Hands-On Workshops** Faculty assisted hands-on scanning of live subjects in the anatomic areas covered by the day's lectures. In addition to human models participants will also gain practice in anatomic recognition and needle guidance using turkey breasts and pig feet.

12:30 PM **Adjourn**

Educational Objectives

After attending The MSK Ultrasound Skills Course participants will:

1. Perform scans of peripheral joints
2. Recognize common musculoskeletal pathology
3. Perform therapeutic injections under ultrasound guidance
4. Improve patient outcomes by appropriately applying the use of musculoskeletal ultrasound into their practice

Accreditation

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

The Institute for Advanced Medical Education designates this live activity for a maximum of 12 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Each participant will be awarded a Certificate of Attendance showing Category 1 credits earned in the course. Many attendees will find this useful for submission to credentialing boards, managed care organizations and accreditation bodies.

Registered sonographers can apply Category 1 credits toward their ARDMS CME requirements. The ARDMS accepts Category 1 credits.

MSK DVD

Musculoskeletal Imaging

BOOT CAMP

This 15 SA-CME credit program is a comprehensive review of MSK radiology, organized into 7 major areas. While emphasizing MRI it offers expert guidance on the full range of approaches available to you in everyday radiology practice. And, as in all our Boot Camp programs, case-based learning is your pathway to personal improvement.



Faculty

Mark W. Anderson, MD

University of Virginia

David P. Fessell, MD

University of Michigan Health System

Nancy M. Major, MD

Hospital of the University of Pennsylvania

William B. Morrison, MD

Thomas Jefferson University

Donald Resnick, MD

University of California at San Diego

Objectives

At the end of this educational activity the participant will be able to:

- Adopt improved diagnostic approaches to meniscal tears, knee ligaments, cervical spine and FAI
- Distinguish the various types of soft tissue tumors
- Know when and how to use IV gadolinium contrast in musculoskeletal cases
- Appropriately and correctly perform knee arthrography
- Appropriately use MR in the trauma setting
- Perform ultrasound and integrate it into MSK imaging practice
- Write interpretive musculoskeletal imaging reports that are appropriate for the patient's clinical condition

Accreditation

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To order this DVD at a **25% discount** go to www.iamed.com/DVD and use the discount code **MSKU13**

REGISTRATION FORM

The Musculoskeletal Ultrasound Skills Course

☐ **Las Vegas, NV** November 2-3, 2013

☐ **Orlando, FL** November 15-16, 2013

Early Bird Tuition Las Vegas postmarked by October 11, 2013, Orlando postmarked by October 25, 2013, 2013.

☐ \$1,450 | Physicians and non-physicians

☐ \$950 | Residents/fellows/active military (letter required)

Standard Tuition Please add \$40 to your tuition payment after the above dates

NAME ☐ MD ☐ DO ☐ RDMS ☐ OTHER

SPECIALTY

ADDRESS

CITY

STATE

ZIP

WORK PHONE NUMBER

HOME PHONE NUMBER

FAX NUMBER

E-MAIL

Note: Cancellations received in writing up to two weeks prior to the course will receive a refund minus a \$50 processing fee. There will be no refunds after that date. Refunds will not be given to "no shows."

Register

Online iame.com/MSK

by Telephone (802) 824-4433

by Fax (802) 824-3737

by Mail 54 Hearthstone Lane, South Londonderry, VT 05155

Payment by Check

Make check or money order payable (in U.S. funds drawn on a U.S. bank) to IAME and mail to: IAME, 54 Hearthstone Lane, South Londonderry, VT 05155

Payment by Credit Card

☐ MasterCard ☐ VISA ☐ Discover (include cardholders 3 digit security code)

CARD NUMBER

EXPIRATION DATE

SECURITY CODE

CARDHOLDER'S NAME (Please print)

BILLING ADDRESS

BILLING ZIP

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