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The Musculoskeletal Ultrasound Skills Course

COURSE DIRECTOR:
Joshua G. Hackel MD

Vail
March 5-7, 2015

**2 GREAT WINTER
GETAWAYS**

Puerto Rico
March 13-15, 2015

COURSE DIRECTOR:
Jon Jacobson, MD

Atlanta
April 10-11, 2015

**2 GREAT CITY
VENUES**

Seattle
April 25-26, 2015

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
- Orthopedic Surgeons
- Sonographers
- Certified Athletic Trainers
- Radiologists
- Rheumatologists

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 (RMSK, RDMS) can apply Category 1 credits toward their ARDMS CME requirements. The ARDMS accepts Category 1 credits.

ABOUT THE FACULTY

Lecture Faculty for Vail and Puerto Rico

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, FL

FACULTY

J. Antonio Bouffard, MD

Department of Orthopaedic Surgery &
Sports Medicine
Detroit Medical Center Sports Medicine
Consultant Radiologist
Andrews Institute for Orthopaedics
Gulf Breeze, FL

Douglas Hoffman, MD (Vail)

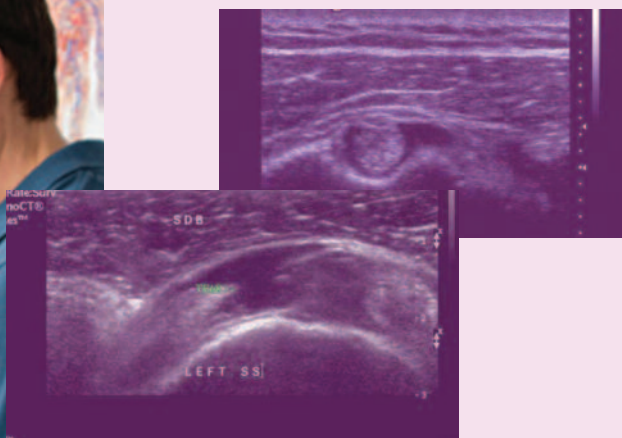
Department of Orthopedics and Radiology
Essentia Health
Duluth, MN

Evan Peck, MD (Puerto Rico)

Sports Health
Department of Orthopaedic Surgery
Cleveland Clinic Florida
West Palm Beach, FL

Workshop Faculty

Hands-on scanning will be conducted in small groups by the lecture faculty and additional workshop instructors.



Lecture Faculty for Atlanta and Seattle

COURSE DIRECTOR

Jon Jacobson, MD

Professor of Radiology
University of Michigan
Ann Arbor, MI

FACULTY

Brooke Bennis, DO

Restore PDX
Beaverton, OR

Victor Flores, MD (Seattle)

Physical Medicine Associates
Fort Worth, TX

Alice Ha, MD (Seattle)

Associate Professor of Radiology,
Musculoskeletal section
Director of Musculoskeletal Ultrasound
Associate Program Director of
MSK Radiology Fellowship
University of Washington
Seattle, WA

Viviane Khoury, MD (Atlanta)

Assistant Professor of Radiology
Director of Musculoskeletal Ultrasound
University of Pennsylvania
Philadelphia, PA

Patrick Meyers, BS, RDMS, RDCS, RVT, RMSK (Seattle)

Musculoskeletal Ultrasound Services
Aurora, CO

Courtney Scher, DO (Atlanta)

Henry Ford Hospital
Detroit, MI

Jeff Strakowski, MD (Atlanta)

Physical Medicine Associates
Columbus, OH

Workshop Faculty

Hands-on scanning will be conducted in small groups by the lecture faculty and additional workshop instructors.





Vail, Colorado

March 5-7, 2015

Vail Marriott Mountain Resort

715 W. Lionshead Circle , Vail, CO 81657

Reservations: 1-970-476-4444

Specify IAME Meeting

Rate: \$349 per night Standard and Lodge Room

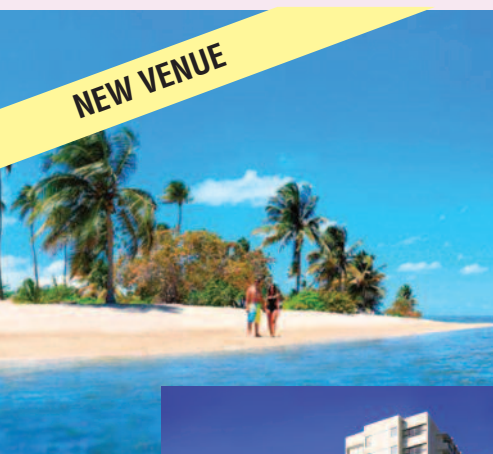
\$369 per night Studio King

\$379 per night Deluxe King

plus resort fees and applicable taxes

Cut Off Date: February 13, 2015

We chose Vail, Colorado because it is one of the greatest ski/snowboard destinations in the world. In addition to endless terrain, there's lots to do and enjoy in the Village and surrounding area.



San Juan, Puerto Rico

March 13-15, 2015

Caribe Hilton

1 San Geronimo Street , San Juan, PR 00901

Reservations: 1-787-721-0303

Specify IAME meeting

Rate: \$224 per night plus applicable taxes

Cut-off date: February 13, 2015

We chose San Juan because it's a fabulous Caribbean getaway that is easily reached by air without the hassles of border crossings. There's so much to do in and around San Juan, including an incredibly vibrant culinary culture. Or you can just enjoy the beach!

VAIL SCHEDULE

7:00 AM **Registration and Breakfast**
7:30 AM **Welcome Introductory Remarks**

Module I: Shoulder - Thursday Morning Session

Day **1**

7:35 AM **Basic Principles, Echo Signatures of US Structures –**
8:00 AM **Knobology**
8:20 AM **Shoulder Ultrasound Exam** (Live Demonstration)
8:40 AM **Shoulder Pathology** ■ Rotator Cuff Tendonitis/Tear/Injuries/Dynamic Imaging
■ Calcified Rotator Cuff Tendonitis ■ Biceps Tendonitis/AC Joint Injuries/Dynamic Imaging
9:00 AM **Shoulder Therapeutics**
9:20 AM **Panel Discussion**
9:40 AM **End of Session**

Module II - Knee - Thursday Afternoon Session

4:00 PM **Knee Ultrasound Anatomy**
4:20 PM **Knee Ultrasound Exam** (Live Demonstration)
4:40 PM **Knee Pathology** ■ Patella Tendon Injuries/Prepatellar Bursitis ■ Quadriceps Injuries
■ Medial Collateral Sprain ■ Meniscus Injuries/Baker's Cyst
5:04 PM **Knee Therapeutics**
5:30 PM **Hip Ultrasound** ■ Gluteal Tendinopathy ■ Femoral Acetabular Impingement
■ Hip Arthritis/Injection
5:55 PM **Panel Discussion**
6:15 PM **Adjourn**

Module III: Elbow - Friday Morning Session

Day **2**

7:00 AM **Breakfast**
7:30 AM **Elbow Ultrasound Anatomy**
7:50 AM **Elbow Ultrasound Exam** (Live Demonstration)
8:10 AM **Elbow Pathology** ■ Medial epicondylitis ■ UCL injuries vs. Pronator Mass strain
■ Lateral Epicondylitis ■ Distal Biceps Injuries

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

8:35 AM **Wrist and Hand Examination and Pathology** ■ Radial Wrist Pain
■ Carpal Tunnel Syndrome ■ MCP/IP Joint Arthritis ■ Finger Pulley Issues
■ Tenosynovitis, De Quervain's, Intersection Syndrome etc
9:10 AM **Foot and Ankle Examination** (Live Demonstration)
9:30 AM **Foot and Ankle Pathology** ■ Neuromas ■ Plantar Fasciitis
■ Medial/Lateral Ligament and Tendon Sprains/Strains ■ Achilles Tendinopathy and Tea
9:55 AM **Adjourn**

Saturday Morning Session

Day **3**

7:00 AM **Breakfast**
7:30 AM **HANDS-ON-WORKSHOPS**
10:30 AM **End of Session**
4:00 PM **HANDS-ON-WORKSHOP**
6:30 PM **Adjourn**

PUERTO RICO SCHEDULE

7:00 AM **Registration and Morning Refreshments**

7:55 AM **Welcome Introductory Remarks**

Module I: Shoulder - Friday Morning Session

Day **1**

8:00 AM **Basic Principles, Echo Signatures of US Structures –**

8:25 AM **Knobology**

8:45 AM **Shoulder Ultrasound Exam** (Live Demonstration)

9:05 AM **Shoulder Pathology** ■ Rotator Cuff Tendonitis/Tear/Injuries/Dynamic Imaging
■ Calcified Rotator Cuff Tendonitis ■ Biceps Tendonitis/AC Joint Injuries/Dynamic Imaging

9:25 AM **Shoulder Therapeutics**

9:45 AM **Panel Discussion**

10:00 AM **Coffee Break**

Module II - Knee

10:20 AM **Knee Ultrasound Anatomy**

10:40 AM **Knee Ultrasound Exam** (Live Demonstration)

11:00 AM **Knee Pathology** ■ Patella Tendon Injuries/Prepatellar Bursitis ■ Quadriceps Injuries
■ Medial Collateral Sprain ■ Meniscus Injuries/Baker's Cyst

11:25 AM **Knee Therapeutics**

11:50 AM **Hip Ultrasound** ■ Gluteal Tendinopathy ■ Femoral Acetabular Impingement
■ Hip Arthritis/Injection

12:15 PM **Panel Discussion**

12:20 PM **Adjourn**

Module III: Elbow - Saturday Morning Session

Day **2**

7:00 AM **Morning Refreshments**

7:30 AM **HANDS-ON-WORKSHOP**

10:00 AM **Coffee Break**

10:30 AM **Elbow Ultrasound Anatomy**

10:50 AM **Elbow Ultrasound Exam** (Live Demonstration)

11:10 AM **Elbow Pathology** ■ Medial epicondylitis ■ UCL injuries vs. Pronator Mass strain
■ Lateral Epicondylitis ■ Distal Biceps Injuries

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

11:35 AM **Wrist and Hand Examination and Pathology** ■ Radial Wrist Pain
■ Carpal Tunnel Syndrome ■ MCP/IP Joint Arthritis ■ Finger Pulley Issues
■ Tenosynovitis, De Quervain's, Intersection Syndrome etc

12:00 PM **Adjourn**

Sunday Morning Session

Day **3**

7:30 AM **Morning Refreshments**

8:00 AM **Foot and Ankle Examination** (Live Demonstration)

8:20 AM **Foot and Ankle Pathology** ■ Neuromas ■ Plantar Fasciitis
■ Medial/Lateral Ligament and Tendon Sprains/Strains ■ Achilles Tendinopathy and Tear

9:00 AM **Coffee Break**

9:20 AM **HANDS-ON-WORKSHOP**

12:15 PM **Adjourn**



Atlanta, Georgia

April 10-11, 2015

JW Marriott Atlanta Buckhead

3300 Lenox Road NE, Atlanta, Georgia 30326

Reservations: 1-404-262-3344

Specify IAME meeting

Rate: \$169 per night, standard room
plus applicable taxes

Cut-off date: March 13, 2015



Seattle, Washington

April 24-25, 2015

Grand Hyatt Seattle

721 Pine Street, Seattle, WA 98101

Reservations: 1-888-591-1234 or 206-774-1234

Specify IAME meeting

Rate: \$219 per night, king bed single or double
plus all applicable taxes and fees

Cut-off date: April 3, 2015



Go to:
iame.com/MSK

ACCOMMODATIONS

SEATTLE & ATLANTA SCHEDULE

Module I: Shoulder - Morning Session

- 7:00 AM Registration and Morning Refreshments
- 8:00 AM Basic Principles
- 8:30 AM Interventional Techniques
- 9:00 AM Shoulder: Scanning Technique
- 9:20 AM Shoulder: Pathology and Intervention
- 10:00 AM Break

Module II: Elbow, Wrist/Hand

- 10:15 AM Elbow: Scanning Technique
- 10:30 AM Elbow: Pathology and Intervention
- 11:00 AM Wrist/Hand: Scanning Technique
- 11:20 AM Wrist/Hand: Pathology and Intervention
- 12:00 PM Lunch

Module III: Hip - Afternoon Session

- 1:00 PM Hip: Scanning Technique
- 1:15 PM Hip: Pathology and Intervention
- 2:00 PM HANDS-ON-WORKSHOP: Shoulder
- 3:00 PM HANDS-ON-WORKSHOP: Elbow
- 4:00 PM HANDS-ON-WORKSHOP: Wrist/Hand
- 5:00 PM HANDS-ON-WORKSHOP: Hip
- 6:00 PM Adjourn

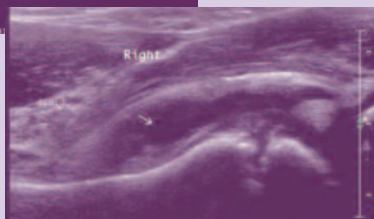
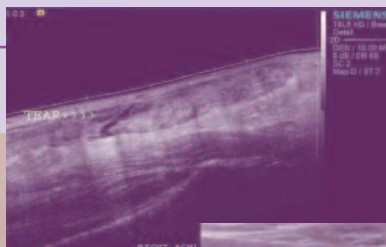
Module IV: Knee, Ankle, Foot - Morning Session

- 7:00 AM Morning Refreshments
- 8:00 AM Knee: Scanning Technique
- 8:20 AM Knee: Pathology and Intervention
- 9:00 AM Ankle/Foot: Scanning Technique
- 9:20 AM Ankle/Foot: Pathology and Intervention
- 10:00 AM Break
- 10:30 AM HANDS-ON-WORKSHOP: Knee
- 11:30 AM HANDS-ON-WORKSHOP: Ankle/Foot
- 12:30 PM Adjourn

Day 1

Day 2

CONFERENCE



About IAME

The Institute for Advanced Medical Education has been the leading provider of ultrasound and imaging-based training programs, since 1992, with over 50,000 participants to date. IAME courses are carefully designed learning experiences delivered by distinguished experts.

The MSK Ultrasound Skills Course is an outgrowth of this experience. Whether you are new to MSK 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.



REGISTRATION FORM

The Musculoskeletal Ultrasound Skills Course

- ☐ **Vail, Colorado** March 5-7, 2015
- ☐ **Atlanta Georgia,** April 10-11, 2015
- ☐ **San Juan, Puerto Rico** March 13-15, 2015
- ☐ **Seattle, Washington** April 25-26, 2015

Early Bird Tuition Vail postmarked by February 13, 2015, Puerto Rico postmarked by February 20, 2015, Atlanta postmarked by March 20, 2015, Seattle postmarked by April 3, 2015,

- ☐ \$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

Go to: iame.com/MSK

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The

Musculoskeletal Ultrasound

Skills Course

Choose from four
great locations:

COURSE DIRECTOR:
Joshua G. Hackel MD

- March 5-7, in Vai
- March 13-15, in Puerto Rico

2 GREAT WINTER
GETAWAYS

COURSE DIRECTOR:
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- April 10-11, in Atlanta
- April 25-26, in Seattle

2 GREAT CITY
VENUES



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