Fall 2016 Training Opportunities

The Ultrasound Skills Course for
Peripheral Nerves & Entrapment Neuropathologies

Las Vegas – September 9-10

The Ultrasound for Pain Interventions (UPI) Course

October 1-2 – Boston
October 8-9 – Washington, DC

The Advanced MSK Ultrasound Skills Course

November 11-12 – Orlando
December 9-10 – Chicago

Save the Date:
MSK Ultrasound in Breckenridge
March 9-11, 2017
These are the procedures you will learn at these courses:

**The Ultrasound Skills Course for Peripheral Nerves and Entrapment Neuropathies**
- **Hydrodissection of peripheral nerves and therapeutic nerve blocks**
  Median nerve at the carpal tunnel and pronator tunnel, deep radial nerve at the radial tunnel, ulnar nerve at the cubital and ulnar tunnel, fibular nerve at the fibular tunnel, tibial nerve at the tarsal tunnel, lateral cutaneous nerve of the thigh at the inguinal ligament, saphenous nerve at the knee

**The UPI Courses**
- **Ultrasound for head and neck interventions**
  Trigeminal nerves, occipital nerves, TMJ injection, stellate ganglion, thoracic outlet and scalene injections, cervical root injections, cervical facet and medial branch blocks, taut band/trigger point injections neck and shoulder
- **Ultrasound for spinal Interventions: cervical, thoracic, lumbar and caudal, including transforaminal**
  Facet joint blocks cervical, thoracic and lumbar, medial branch blocks, caudal epidural injections, cervical and thoracic paravertebral/SNRB, lumbar 4/5 and lumbar 5/sacral 1 transforaminal epidural injections, celiac plexus, iliopsoas and iliopsoas nerves, sacroiliac joint injections,
- **Ultrasound intervention for upper extremity**
  Subacromial/subdeltoid bursa, suprascapular nerve, AC joint, biceps tendon, glenohumeral joint, medial/lateral epicondylitis, median and ulnar nerve entrapment, A-1 pulley and joints of the hand, shoulder calcification lavage techniques
- **Ultrasound intervention for pelvis and lower extremity**
  Hip intra-articular injection, ischeal bursa, iliopsoas bursa/tendon, gluteal bursa, GT bursa, piriformis, pudendal nerve, knee joint (superior-lateral, mid-medial, mid-lateral insertions), saphenous nerve, genicular nerve, lateral femoral cutaneous nerve, achilles tendon, tarsal tunnel, plantar fascia and joints of the feet

**The MSK Ultrasound Skills Courses**
- **Ultrasound-guided shoulder Interventions**
  Glenohumeral joint injection, subacromial-subdeltoid bursa injection, bicipital tendon sheath injection, acromioclavicular joint injection
- **Ultrasound-guided elbow-wrist-hand interventions**
  Lateral epicondylopathy injection, elbow joint injection, dequervain’s tendon sheath injection, carpal tunnel injection, wrist joint injection, trigger finger injection
- **Ultrasound-guided foot and ankle interventions**
  Peroneal tendon sheath injection, plantar fascia injection, ankle joint injection, morton’s neuroma injection
- **Ultrasound-guided hip Interventions**
  Hip injection, greater trochanteric bursa injection, piriformis injection
- **Ultrasound-guided knee interventions**
  Knee injection, pes anserine bursa injection, Baker’s cyst aspiration, iliotibial band syndrome injection

---

**The Advanced MSK Ultrasound Skills Course**
- **March 9-11, 2017**
- **Beaver Run Resort**
- **Breckenridge, Colorado**

**COURSE DIRECTOR:**
- **Jonathan Finoff DO, FACSM**
- **Mayo School of Medicine**
- **Minneapolis, MN**
- **Team Physician, US Ski Team**

**More info at:** [iame.com/MSK](http://iame.com/MSK)
About the Courses

The Institute for Advanced Medical Education (IAME) has been the CME leader in medical imaging and image guided procedures since 1992. To date we have helped thousands of physicians acquire new skills and understanding in the use of ultrasound for diagnosis and procedural guidance. Our courses have also assisted with practice building through the addition of new procedures, preparation for credentialing examinations and achievement of facility accreditation.

IAME’s programs have always been marked by outstanding lecture faculty, desirable venues, convenient scheduling and course designs that lead to personal improvement.

For Fall 2016 IAME introduces two new programs, The UPI (Ultrasound for Pain Interventions) Course, Levels I and II, and Ultrasound Skills for Peripheral Nerves and Entrapment Neuropathies.

We look forward to seeing you at one or more of these courses this Fall.

Your Colleagues’ Comments About Our Courses

Excellent Course! One of the most practical conferences I have attended. The hands-on component was incredibly beneficial
Terry Chung MD Toronto, ON

Very organized and professional -- thank you! I will be recommending this course to other providers in my practice and also friends practicing in my field (orthopedics)
Brittany Johnson PA-C Pleasant Prairie, WI

3rd time taking this course over the past 8 years. This time I brought 2 other MDs with me. Excellent course.
Bryan Solby MD Longwood, FL

I learned the broader applications of ultrasound to procedures I wouldn’t have thought of.
Lee Anne Auerhan, MD

Excellently Done. I liked that the presenters are actively practicing and can give relevant experiences in today’s climate.
Juanita P. Edwards MD Houston, Texas
Accommodations

Our block is based on a limited number of rooms. Neither IAME nor the hotel can guarantee that the block will remain open beyond the specified cut-off dates. Each block is priced on a "first come, first serve" basis. Block rates will be released on a first-come, first-serve basis until the blocks are filled, and then all reservations will be billed at the prevailing rate. We recommend that you make your reservation early. The final cut-off dates are at the discretion of the hotel. The hotel reserves the right to release the block if not used and reserve the right to open up reservations at rates more favorable to the hotel. We encourage you to book early to avoid disappointment.

Las Vegas, NV

September 9-10: Peripheral Nerves

Encore Las Vegas
3131 Las Vegas Boulevard South
Las Vegas, Nevada 89109

Rate: 9/8: $179, 9/9 and 9/10: $299 for Resort Suite Guest Room. No resort fee

Reservations: 1-866-770-7555 and refer to booking code 6OBU0916.

Cut Off Date: August 8, 2016

The Wynn Las Vegas offers extraordinary facilities, rooms with incomparable class, and advanced technologies, all delivered with white glove service. Enjoy luxury dining with some of the best chefs from around the world. Drop in at the fitness center for a workout or just relax by the two spacious resort pools.

Please use the booking code above when making your reservations.

Washington, DC - October 8-9: UPI

Westin Washington DC City Center
1400 M Street NW
Washington, DC, 20005

Rate: $209 per night single or double room, plus applicable taxes

Reservations: 800-WESTIN1
Specify IAME Meeting

Cut Off Date: September 16, 2016

Treat yourself to a refreshing stay at our Washington, D.C. hotel. Thrive with onsite dining, fitness, meeting and event spaces just steps from local attractions like the White House and National Mall. Recharge in one of our 410 guest rooms and suites as you unwind in The Westin Heavenly Bed® before a day of activity in the nation’s capital.
We look forward to seeing you at one or more of these courses this Fall.

The Institute for Advanced Medical Education (IAME) has been the CME leader in medical imaging and image guided procedures since 1992.

For Fall 2016 IAME introduces two new programs, Pain Interventions (Levels I and II) and Ultrasound Skills Course for Peripheral Nerves and Entrapment Neuropathologies.

Levels I and II Pain Interventions

- **Las Vegas**, September 9-10
- **Atlantic City**, October 8-9
- **Washington, DC**, October 1-2
- **Boston – LEVEL II**, October 1-2

**Lee Ann Auelhan, MD**

**Terry Chung, MD**

**Brittany Johnson, PA-C**

Pleasant Prairie, WI

**Very organized and professional - thank you! I will be recommending this to other providers in my field (orthopedics).**

---

**HOTEL ACCOMMODATIONS**

**Renaissance Boston Waterfront Hotel**

606 Congress Street

Boston, MA 02210

**Rate:** $299 per night for standard rooms, plus applicable taxes

**Reservations:** 888-796-4664

Specify IAME Meeting

**Cut Off Date:** September 30, 2016

Our flagship hotel on the Boston waterfront offers everything you need for a relaxing stay, whether you’re in town for business or leisure. Our stylish contemporary guest rooms have spectacular views of the ocean and city. We also offer a modern fitness center as well as a lively cocktail bar, with regular live musical performances. If you’re hungry, try the simple rustic Italian cuisine at on-site restaurant,
IAME’s programs have always been marked by outstanding lecture faculty, addition of new procedures, preparation for credentialing examinations and to date we have helped thousands of physicians acquire new skills and have learned the broader applications of ultrasound to procedures I learned the broader applications of ultrasound to procedures.

**Orlando, FL- November 11-12: MSK**

**Wyndham Grand Orlando Resort Bonnet Creek**
14651 Chelonia Parkway
Orlando, FL 32821

**Reservations:** (407) 390-2300 or (800) 996-3426 Specify IAME Meeting

**Rate:** $179 for run of the house room plus applicable taxes (Resort Fee waived)

**Cut Off Date:** October 21, 2016

At the Wyndham Grand Orlando Resort Bonnet Creek, you will experience a spectacular resort nestled on 500 woodland acres, next to a stunning 10-acre lake. Enjoy the picturesque landscape of Bonnet Creek, the tranquility of our Blue Harmony Spa and the magical adventures of the Walt Disney World® Resort.

**Chicago, IL- December 9-10: MSK**

**Intercontinental Chicago**
505 North Michigan Avenue
Chicago, IL 60611

**Rate:** $169 plus applicable taxes for Grand Tower guest rooms

**Reservations:** 800-628-2112 or 312-944-4100 Specify IAME Meeting

**Cut-off Date:** November 18, 2016

Set on the Magnificent Mile, this grand, luxury hotel dates from 1929. It’s a mile from the lakefront, and a 13 minute walk from Millennium Park.
About the UPI Courses

For Fall 2016 IAME introduces a new series, The UPI Course (Ultrasound for Pain Interventions), designed to train physicians in the use of image-guided procedures for their pain medicine practice. The UPI Course is currently offered in 2 stages, Level 1 and Level 2, so that you can benefit from a learning experience that focuses on your own background and ability.

The UPI Course Faculty*

Maunak Rana MD  
Course Co-Director  
Director of Pain Management  
Associate Professor  
UIC-Advocate Illinois Masonic Medical Center  
Chicago, IL

Andres Betts MD  
PainMD Medical Associates  
San Clemente, CA (Washington DC only)

George C. Chang Chien DO  
Director Pain Management  
Ventura County Medical Center  
Ventura, CA (Washington DC only)

Michele Curatolo MD, Ph.D  
Professor, Department of Anesthesiology and Pain Medicine  
Endowed Professor of Medical Education and Research  
University of Washington  
Seattle, WA (Boston only)

Jessen Mukalel MD  
Course Co-Director  
Pain Blockers, LLC  
Tampa, FL

Maged Guirguis MD  
Assistant Professor  
Department of Pain Management  
Oschner Pain Management Clinic  
New Orleans, LA (Boston only)

The UPI Course faculty represents a mix of academic and private practice physicians who will help you translate the experience into positive change in your own practice.

*The lecture faculty are joined by physician instructors to provide you with personalized instruction in the hands-on workshops
The Ultrasound for Pain Interventions (UPI) Course: Level I

The Level I Course is designed for the practitioner with minimal or no ultrasound experience. It provides the fundamental skills needed to achieve better patient outcomes for pain related interventions performed in the office and operating room setting. As an enhanced feature the second day of the course focuses on regenerative medicine in interventional pain procedures, including ultrasound applications for PRP and stem cell therapies.

After participating in The UPI Course Level I participants will:
- Identify and describe the sonographic anatomy of structures seen during interventional procedures
- Design a plan to diagnose and treat truncal and extremity pain syndromes
- List the locations where PRP and stem cell injections should be targeted for regenerative medicine
- Use ultrasound to guide pain interventions
- Achieve improved patient outcomes in their pain intervention practice

The Ultrasound for Pain Interventions (UPI) Course: Level II

The Level II Course provides the experienced user with techniques to decrease the minimum local anesthetic needed for diagnostic blocks (decreasing the false positive rates), improve accuracy of steroid medication at anatomical planes associated with inflammatory pathology, and achieve mastery of sonographically-guided injections. It also updates on the various practice benefits of current (and future) procedures. Previous experience with ultrasound-guided and other pain procedures is recommended.

After participating in The UPI Course Level II participants will:
- Identify and avoid the most common errors made during interventional ultrasound procedures
- Describe the relevant anatomy associated with each block
- Design a plan to diagnose and treat truncal and extremity pain syndromes
- Perform successful needle placement on cadaveric models
- Achieve improved patient outcomes in their pain intervention practice

CME Information: 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 11.5 AMA PRA Category 1 Credits. Physicians should only claim credit commensurate with the extent of their participation in the activity.
# The UPI Course – Level I

**October 7-8 – Washington DC**

### Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Welcome, Introduction</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>I Have a Machine but How Do I Use It? – Mukalel</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Ultrasound for Headaches, Facial Pain and Cervicalgia – Mukalel</td>
</tr>
<tr>
<td>8:50 AM</td>
<td>Ultrasound for Cervical Radicular Pain, Upper Extremity CRPS and Uncommon Cervical Syndromes – Mukalel</td>
</tr>
<tr>
<td>9:10 AM</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Ultrasound for Spinal Spondylosis, Facetogenic Syndromes – Rana</td>
</tr>
<tr>
<td>9:50 AM</td>
<td>Ultrasound for Spinal Radicular, Discogenic, Neuroforaminal or Neuropathic Pain (cervical, thoracic, lumbar and caudal) – Rana</td>
</tr>
<tr>
<td>10:10 AM</td>
<td>Ultrasound for Truncal Pain – Betts</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Ultrasound Intervention for Upper Arm Pain – Betts</td>
</tr>
<tr>
<td>10:50 AM</td>
<td>Ultrasound Intervention for Lower Arm Pain – Betts</td>
</tr>
<tr>
<td>11:10 AM</td>
<td>Ultrasound Intervention for Non Radicular Pain in Hips to Toes – Betts</td>
</tr>
<tr>
<td>11:40 AM</td>
<td>Ultrasound Interventions for Radicular Hip/Pelvic and Extremity Pain Including Foot Pain – Betts</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Lunch on Your Own</td>
</tr>
<tr>
<td>1:15 PM</td>
<td>Hands-on Workshops</td>
</tr>
<tr>
<td></td>
<td>• Station 1: Head and Neck Station – Mukalel</td>
</tr>
<tr>
<td></td>
<td>• Station 2: Spinal Injections/Truncal Station – Rana</td>
</tr>
<tr>
<td></td>
<td>• Station 3: Upper Extremity Station – Betts</td>
</tr>
<tr>
<td></td>
<td>• Station 4: Lower Extremity Station – Chang Chien</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

### Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Billing Strategies for Your Practice – Mukalel</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Future Applications of Ultrasound: Peripheral Field Stimulator/Neuromodulation and RFA Using Sonography – Rana</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>REGENERATIVE MEDICINE SESSION</td>
</tr>
<tr>
<td></td>
<td>Basics of Regenerative Medicine: Mesenchymal Stem Cells (bone marrow versus adipose) – Chang Chien</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Ultrasound Guided Targeting for Regenerative Medicine – Chang Chien</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Business and Marketing a Regenerative Medicine Practice – Chang Chien</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Clinical Case Discussion: How will you apply these skills in your practice? – Faculty</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>
### The UPI Course – Level II

#### October 1-2, 2016 – Boston

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Day 1</strong></td>
<td></td>
</tr>
<tr>
<td>7:00 AM</td>
<td>Registration and Breakfast</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Welcome, Introduction and Course Overview</td>
</tr>
<tr>
<td>8:10 AM</td>
<td>Ultrasound for Upper Extremity Interventions (Lecture with live demonstration) – Mukalel</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Ultrasound for Lower Extremity Interventions (Lecture with live demonstration) – Guirguis</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Ultrasound for Head and Neck Interventions (Lecture with live demonstration) – Curatolo</td>
</tr>
<tr>
<td>10:50 AM</td>
<td>Ultrasound for Truncal Procedures, Cervical, Thoracic, Lumbar and Caudal, Including Transforaminal (Lecture with live demonstration) – Rana</td>
</tr>
<tr>
<td>11:40 AM</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Hands-on Cadaver Stations – 60 minutes of cadaver scanning per station/group</td>
</tr>
<tr>
<td></td>
<td>• Station 1: Ultrasound for head and neck Interventions – Curatolo</td>
</tr>
<tr>
<td></td>
<td>• Station 2: Ultrasound for Spinal Interventions: cervical, thoracic, lumbar and caudal, including transforaminal – Rana</td>
</tr>
<tr>
<td></td>
<td>• Station 3: Ultrasound intervention for upper extremity – Mukalel</td>
</tr>
<tr>
<td></td>
<td>• Station 4: Ultrasound Intervention for pelvis and lower extremity – Guirguis</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Adjourn</td>
</tr>
<tr>
<td><strong>Day 2</strong></td>
<td></td>
</tr>
<tr>
<td>7:00 AM</td>
<td>Breakfast Provided</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Billing – Mukalel</td>
</tr>
<tr>
<td>8:15 AM</td>
<td>Peripheral Field Stimulator/Neuromodulation and RFA Using Sonography – Rana</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>8:45 AM</td>
<td>Live Model Scanning – 45 minutes of live model scanning per station/group</td>
</tr>
<tr>
<td></td>
<td>• Station 1: Ultrasound for head and neck Interventions – Curatolo</td>
</tr>
<tr>
<td></td>
<td>• Station 2: Ultrasound for Spinal Interventions: cervical, thoracic, lumbar and caudal, including transforaminal – Rana</td>
</tr>
<tr>
<td></td>
<td>• Station 3: Ultrasound intervention for upper extremity – Mukalel</td>
</tr>
<tr>
<td></td>
<td>• Station 4: Ultrasound Intervention for pelvis and lower extremity – Guirguis</td>
</tr>
<tr>
<td>12:00 NOON</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>
About The Ultrasound Skills Course for Peripheral Nerves & Entrapment Neuropathologies

The Ultrasound Skills Course for Peripheral Nerves and Entrapment Neuropathologies is a one and one-half day course that is designed for the PM&R and sports medicine physician, orthopedist, neurologist and pain practitioner. It provides you with principles and practical training in the use of ultrasound for evaluation of peripheral nerves and guidance of interventional procedures. Ultrasound of Peripheral Nerves employs a combination of didactic lectures and guided hands-on scanning that will help you achieve the skills you need to perform point of care ultrasound in your own practice setting.

After attending Ultrasound Skills Course for Peripheral Nerves and Entrapment Neuropathologies participants will:

- Learn ultrasound techniques for identifying and assessing normal and abnormal peripheral nerves
- Identify the ultrasound appearance of the brachial plexus and peripheral nerves in the upper and lower limbs
- Learn techniques for image optimization with ultrasound
- Learn principles of ultrasound guided interventional techniques for treatment of peripheral nerves.

Peripheral Nerves Course Faculty

Jeffrey A. Strakowski MD  
Course Chair  
Clinical Associate Professor  
The Ohio State University  
Associate Director of Medical Education  
Department of Physical Medicine and Rehabilitation  
Riverside Methodist Hospital  
Director of Musculoskeletal Research  
The McConnell Spine, Sport and Joint Center  
Columbus, Ohio

Brooke Bennis DO  
Restore PDX  
Beaverton, OR

Victor Ibrahim MD, FAAPMR  
Director of the Performance and Musculoskeletal Regeneration Center  
PMR Center  
Team Physiatrist for DC United  
Washington, DC

Scott Primack DO  
Colorado Rehabilitation & Occupational Medicine  
Aurora, CO

Todd Stitik MD, RMSK  
Professor of PM&R  
Director, Occupational/Musculoskeletal Medicine  
Director, Musculoskeletal/Pain Fellowship  
Rutgers New Jersey Medical School  
Newark, NJ

Christopher J. Visco MD, RMSK  
Assistant Professor, Department of Rehabilitation and Regenerative Medicine  
Sports Medicine Fellowship Director  
Columbia University Medical Center  
New York, NY

CME Information: 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.
### The Ultrasound Skills Course for Peripheral Nerves & Entrapment Neuropathologies

**September 9-10 – Las Vegas**

<table>
<thead>
<tr>
<th>Day 1</th>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7:00 AM</td>
<td>Registration &amp; Morning Refreshments</td>
</tr>
<tr>
<td></td>
<td>8:00 AM</td>
<td>Principles of Ultrasound Scanning</td>
</tr>
<tr>
<td></td>
<td>8:30 AM</td>
<td>Evaluation of Peripheral Nerves and Entrapment Neuropathies</td>
</tr>
<tr>
<td></td>
<td>9:00 AM</td>
<td>Evaluation of the Brachial Plexus &amp; Focal Neuropathies about the Shoulder</td>
</tr>
<tr>
<td></td>
<td>9:30 AM</td>
<td>Evaluation of the Radial Nerve</td>
</tr>
<tr>
<td></td>
<td>10:00 AM</td>
<td>Coffee Break</td>
</tr>
<tr>
<td></td>
<td>10:15 AM</td>
<td>Evaluation of the Ulnar Nerve</td>
</tr>
<tr>
<td></td>
<td>10:45 AM</td>
<td>Evaluation of the Median Nerve and Carpal Tunnel Syndrome</td>
</tr>
<tr>
<td></td>
<td>11:30 AM</td>
<td>Evaluation of Generalized Neuropathies</td>
</tr>
<tr>
<td></td>
<td>12:00 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td></td>
<td>1:00 PM</td>
<td>Evaluation of Nerves about the Hip</td>
</tr>
<tr>
<td></td>
<td>1:30 PM</td>
<td>Evaluation of the Fibular Nerve</td>
</tr>
<tr>
<td></td>
<td>2:00 PM</td>
<td>Evaluation of the Tibial Nerve including TTS</td>
</tr>
<tr>
<td></td>
<td>2:30 PM</td>
<td>HANDS-ON WORKSHOP: Scanning Upper Limb Peripheral Nerves</td>
</tr>
<tr>
<td></td>
<td>3:45 PM</td>
<td>Break</td>
</tr>
<tr>
<td></td>
<td>4:00 PM</td>
<td>HANDS-ON WORKSHOP: Scanning Lower Limb Peripheral Nerves</td>
</tr>
<tr>
<td></td>
<td>5:15 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day 2</th>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7:00 AM</td>
<td>Morning Refreshments</td>
</tr>
<tr>
<td></td>
<td>8:00 AM</td>
<td>Principles of Ultrasound Guided Interventional Techniques</td>
</tr>
<tr>
<td></td>
<td>8:30 AM</td>
<td>Principles of Hydrodissection of Focal Neuropathies</td>
</tr>
<tr>
<td></td>
<td>9:00 AM</td>
<td>Ultrasound-Guided Interventional Techniques for Upper Limb Entrapments</td>
</tr>
<tr>
<td></td>
<td>9:30 AM</td>
<td>Ultrasound-Guided Interventional Techniques for Lower Limb Entrapments</td>
</tr>
<tr>
<td></td>
<td>10:00 AM</td>
<td>Coffee Break</td>
</tr>
<tr>
<td></td>
<td>10:30 AM</td>
<td>HANDS-ON WORKSHOP: Scanning Upper &amp; Lower Limb Peripheral Nerves</td>
</tr>
<tr>
<td></td>
<td>12:30 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>
After attending interventional procedures, I learn techniques for image optimization with ultrasound. Identify the ultrasound appearance of the brachial plexus and peripheral nerves in the major joints. Each participant receives personalized hands-on instruction on human subjects and animal parts. The primary audience is sports medicine physicians, radiologists, sonographers, orthopedic surgeons and rheumatologists.

**Educational Objectives**

After attending The MSK Ultrasound Skills Course participants will be able to:

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

**The Advanced MSK Ultrasound Skills Course Faculty**

Jonathan Finoff DO, FACSM  
**Course Chair**  
Medical Director, Mayo Clinic Sports Medicine Center  
Associate Professor, Department of PM&R  
Mayo School of Medicine  
Minneapolis, MN  
Team Physician, US Ski Team

**Lecture Faculty**

Andrew L. Concoff MD  
Rheumatology and Sports Medicine  
Medical Director  
Outpatient Musculoskeletal Rehabilitation & Wellness  
St. Jude Medical Center  
Fullerton, CA  (Chicago only)

Joshua G. Hackel MD  
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  (Orlando only)

Brett J. Kindle MD  
Andrews Institute for Orthopaedics & Sports Medicine  
Gulf Breeze, FL

Troy Henning DO  
Assistant Professor  
Department of Physical Medicine & Rehabilitation  
University of Michigan  
Ann Arbor, MI  (Chicago only)

Jon Jacobson, MD  
Professor of Radiology  
University of Michigan  
Ann Arbor, MI  (Orlando only)

Evan Peck MD  
Sports Health  
Department of Orthopaedic Surgery  
Cleveland Clinic Florida  
West Palm Beach, FL  (Orlando only)

Monica E. Rho MD  
Assistant Professor, PM&R  
Northwestern Feinberg School of Medicine  
Director, Women's Sports Medicine Program  
Rehabilitation Institute of Chicago  
Medical Director of the Joffrey Ballet  
Chicago, IL  (Chicago only)

**CME Information:** 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 13 AMA PRA Category 1 Credits. Physicians should only claim credit commensurate with the extent of their participation in the activity.
The Advanced MSK Ultrasound Skills Course

November 11-12 Orlando * December 9-10 – Chicago

Day 1

7:00 AM Registration and Morning Refreshments
8:00 AM Principles of Musculoskeletal Ultrasound – Finoff
8:30 AM Principles of Ultrasound-Guided Interventions – Finoff
9:00 AM Live Shoulder Diagnostic Ultrasound Examination – Jacobson or Kindle
9:15 AM Shoulder Pathology – Jacobson or Kindle
9:30 AM Ultrasound-Guided Shoulder Interventions – Jacobson or Kindle
9:40 AM Question and Answer Session
9:50 AM Coffee Break
10:00 AM Live Elbow-Wrist-Hand Diagnostic Ultrasound Examination – Kindle or Henning
10:15 AM Elbow-Wrist-Hand Pathology – Kindle or Henning
10:30 AM Ultrasound-Guided Elbow-Wrist-Hand Interventions – Kindle or Henning
10:35 AM Question and Answer Session
10:55 AM Live Foot and Ankle Diagnostic Ultrasound Examination – Hackel or Concoff
11:10 AM Foot and Ankle Pathology – Hackel or Concoff
11:25 AM Ultrasound-Guided Foot and Ankle Interventions – Hackel or Concoff
11:35 AM Advanced Ultrasound-Guided Interventions: A Taste of the Future – Finoff or Concoff
11:50 AM Question and Answer Session
12:00 AM Lunch Provided
1:00 PM HANDS-ON WORKSHOPS
6:00 PM Adjourn

Day 2

7:00 AM Morning Refreshments
8:00 AM Live Hip Diagnostic Ultrasound Examination – Finoff
8:15 AM Hip Pathology – Finoff
8:30 AM Ultrasound-Guided Hip Interventions – Finoff
8:40 AM Live Knee Diagnostic Ultrasound Examination – Peck or Rho
8:55 AM Knee Pathology – Peck or Rho
9:10 AM Ultrasound-Guided Knee Interventions – Peck or Rho
9:20 AM Question and Answer Session
9:35 AM Coffee Break
9:45 AM HANDS-ON WORKSHOPS
12:30 PM Adjourn
### Registration for the Peripheral Nerves, UPI and MSK Courses

- **Peripheral Nerves in Las Vegas**  September 9-10
- **MSK in Orlando**  November 11-12
- **UPI Level II in Boston**  October 1-2
- **MSK in Chicago**  December 9-10
- **UPI Level I in Washington**  October 7-8

**Early Bird Tuition** Las Vegas postmarked by August 19, Boston postmarked by September 9, Washington postmarked by September 16, Orlando postmarked by October 21, Chicago postmarked by November 18

#### The Peripheral Nerves & Entrapment Neuropathologies Course
- $975 Physicians  $575 Residents/Fellows/Active Military*; Retirees, Non physicians

#### The UPI Course – Level I
- $795 Physicians  $595 Residents/Fellows/Active Military*; Retirees, Non physicians

#### The UPI Course – Level II (with cadaver workshop)
- $1,595 Physicians  $1,295 Residents/Fellows/Active Military*; Retirees, Non physicians

#### The Advanced MSK Skills Course
- $1,450 Physicians  $950 Residents/Fellows/Active Military*; Retirees, Non physician

*Verification required

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

<table>
<thead>
<tr>
<th>NAME</th>
<th>MD</th>
<th>DO</th>
<th>OTHER</th>
<th>SPECIALTY</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ADDRESS</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CITY</th>
<th>STATE</th>
<th>ZIP</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>WORK PHONE NUMBER</th>
<th>HOME PHONE NUMBER</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>FAX NUMBER</th>
<th>E-MAIL</th>
</tr>
</thead>
</table>

**Note:** Cancellations for these courses 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.”

### To Register
- **Online** iame.com
- **by Telephone** (802) 824-4433
- **by Fax** (802) 824-3737
- **by Mail** 3590 Route 100, 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, 3590 Route 100, South Londonderry, VT 05155

### Payment by Credit Card
- **MasterCard**  **VISA**  **Discover** (include cardholders 3 digit security code)

<table>
<thead>
<tr>
<th>CARD NUMBER</th>
<th>EXPIRATION DATE</th>
<th>SECURITY CODE</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CARDHOLDER’S NAME (Please print)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>BILLING ADDRESS</th>
<th>BILLING ZIP</th>
</tr>
</thead>
</table>
The Ultrasound Skills Course for Peripheral Nerves & Entrapment Neuropathologies
Las Vegas – September 9-10

The Ultrasound for Pain Interventions (UPI) Course
October 1-2 – Boston – LEVEL II
October 8-9 – Washington, DC – LEVEL I

The Advanced MSK Ultrasound Skills Course
November 11-12 – Orlando
December 9-10 – Chicago