

Musculoskeletal Ultrasound is commonly used to diagnose:

Shoulder

- Rotator cuff tears
- Tendonitis
- Bursitis
- Impingement syndrome

Elbow

- Collateral ligament evaluation
- Tricep/bicep tendons

Hip/Knee

- Quadriceps
- Patellar tendon injuries
- Baker's cyst
- Bursitis

Hand/Wrist

- Carpal tunnel syndrome
- Tendon Tears

Ankle/Foot

- Achilles tendon
- Plantar falsities
- Morton's neuroma
- Tendon/ligament

Special Applications

- Nerves and masses
- Guided injections

Class Location

Advanced Health Education Center
8502 Tybor Dr.
Houston, TX 77074

Hotels Nearby

Crowne Plaza
9090 Southwest Freeway
Houston, Texas 77074
(800) 227-6963 or (713) 995-0123
Room Rate: \$99*
Hotel Shuttle to AHEC

Hilton Houston Southwest

6780 Southwest Freeway
Houston, TX 77074
713-977-7911
Room Rate: \$99*
Hotel Shuttle to AHEC
*Must mention corporate negotiated rate

**Also Coming Soon:
Venus Reflux Testing
September 12-13**
See us at:
AHECOnline.com for more info

Sign me up! Please make copies for additional registrations.

Musculoskeletal Ultrasound Workshop

- Physicians
- Physical Therapists

	payment rec'd 14 days prior to course	payment rec'd less than 14 days prior to course
<input type="checkbox"/> Physicians	\$1,088	\$1,103
<input type="checkbox"/> Physical Therapists	\$750	\$765

Payment is enclosed payable to: Advanced Health Education Center. Chk # _____
 Please charge the total registration fee to: Visa MC AMEX Discover

Card No. _____ Expires _____ CCV _____

Signature of Holder _____

Mail To: Advanced Health Education Center • 8502 Tybor Drive • Houston, Texas 77074

Phone: 800-239-1361 • 713-772-0157 Fax: 713-772-0155

E-mail: register@AHECOnline.com **Web:** www.AHECOnline.com

Name _____

Home Address _____

City _____ State _____ Zip _____

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Phone (H) _____ Phone (W) _____

Employer _____

Attached Total _____

Click here to register!

ADVANCED HEALTH EDUCATION CENTER

8502 Tybor Drive • Houston, TX 77074



We will
S U C C E E D
together

ADVANCED HEALTH EDUCATION CENTER

EDUCATION ▲ STAFFING ▲ CONSULTING

**Musculoskeletal
Ultrasound Workshop**

September 19-20, 2009



Who Should Attend

- ✓ Orthopedists
- ✓ Physical Medicine and Rehabilitation
- ✓ Pain Management Specialists
- ✓ Podiatrists
- ✓ Rheumatologists
- ✓ Sports Medicine Specialists
- ✓ Sonographers
- ✓ Physical Therapists

www.AHECOnline.com

800.239.1361

Musculoskeletal Ultrasound Workshop

Musculoskeletal ultrasound (MSK US) is a dynamic, non-invasive exam that allows high-resolution, real-time evaluation of musculoskeletal disorders. MSK US is a unique modality that is highly operator-dependent, patient friendly and cost-effective. The result is a targeted ultrasound evaluation for the diagnosis of chronic and acute injuries and disease processes of the upper and lower extremities.

MSK ultrasound has been traditionally seen as a complement to MRI but this rapidly evolving modality has gained recognition as a powerful diagnostic tool. The literature indicates MSK ultrasound is now equivalent to MRI in the evaluation of rotator cuff evaluation. The progressive use of ultrasound in diagnosis of musculoskeletal disorders has the attention of the medical community and the insurers.

Join us for this two-day interactive workshop where you will acquire the basic knowledge and skill required to incorporate this rapidly evolving assessment technique into your practice. Register early to reserve your seat, the workshop attendance will be limited to facilitate learning in the dynamic scan labs.

Unique Advantages of Musculoskeletal Ultrasound

- Patient Centered
- Safe
- Dynamic evaluation
- Convenient
- Cost-Effective

Faculty



John Cianca, MD, ABPMR, FAAPMR, FACS, FAAMA
Board Certified in Physical Medicine and Rehabilitation

Adjunct Associate Professor
Baylor College of Medicine

Medical Director
Memorial Hermann Sports Medicine and Rehabilitation

Dr. Cianca is a board certified specialist in Physical Medicine and Rehabilitation. He graduated from Albany Medical College in 1988. He did his residency in PM&R at the University of Rochester and completed a musculoskeletal fellowship at Baylor College of Medicine. He has been in private practice since 2004, but is an adjunct associate professor with the department of physical medicine and rehabilitation at the Baylor College of Medicine. He is Medical Director at Memorial Hermann Sports Medicine and Rehabilitation Center in Greenway Plaza. He is a Fellow of the American Academy of Physical Medicine and Rehabilitation, the American College of Sports Medicine, and the American Academy of Medical Acupuncture. He is an accomplished speaker for national conferences for physicians, physical therapists, residents, running clubs and civic organizations. He began utilizing musculoskeletal ultrasound in his practice in 2005 and is a strong advocate for the value of this vital modality in the assessment of injuries in athletes and the general public.

Some of Dr. Cianca's interests are focused on running biomechanics, myofascial pain and musculoskeletal ultrasound. He has been the medical director of the Houston Marathon since 1998.

Dr. Cianca is a welcome addition to the AHEC lecture circuit as he continues to be active in developing research in the areas of human performance and musculoskeletal medicine. You will benefit from his knowledge of the applications of musculoskeletal ultrasound and intimate experience with the procedure and its applications.

Target Audience

Physicians (Sports Medicine, Rheumatology, PM&R, Orthopedic, Radiology) seeking entry-level information in musculoskeletal ultrasound, scanning and interpretation. Sonographers or physical therapists learning musculoskeletal ultrasound.

CME for Physicians

"The Advanced Health Education Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians."

"The Advanced Health Education Center designates this educational activity for a maximum of 16 hours AMA PRA Category I™. Physician should claim credit commensurate with the extent of their participation in the activity."

CEU for Physical Therapists

This course is approved for 1.5 continuing education units by the Texas Physical Therapy Association.

Course Objectives for MSK Ultrasound

At the completion of the course, the participants should be able to:

- Identify the components of ultrasound equipment and understand the principles of imaging with ultrasound equipment for musculoskeletal imaging.
- Recognize ultrasound artifacts and master probe manipulation.
- Describe the scan techniques for upper and lower extremity anatomy.
- Identify normal and abnormal anatomy during an MSK ultrasound procedure.
- Discuss the indications and limitations of MSK ultrasound imaging.
- Identify the utilization of MSK ultrasound in sports medicine injuries.
- Explain the use of MSK ultrasound in rheumatology applications.
- Understand the utilization of ultrasound for interventional techniques.
- Increase knowledge and confidence to perform and/or interpret MSK ultrasound.
- Apply the information discussed in the clinical setting to improve patient care.
- Prepare to perform under supervision procedures until proficiency is achieved.

Course Topics for MSK Ultrasound

- Ultrasound imaging principles for equipment and scanning
- MSK scan techniques for upper and lower extremity anatomy
- MSK ultrasound demonstrations of correct scanning for normal anatomy and diagnosis of pathology
- MSK ultrasound for interventional utilization for ultrasound guided biopsy and aspiration
- Indications for MSK and benefits in sports medicine injuries
- Limitations of MSK ultrasound imaging
- Protocols for implementation and consistent results
- MSK Case studies
- Classroom instruction is combined with a "real-time hands-on" scanning lab using live models. Each participant will have the opportunity to learn the appropriate transducer scan techniques, artifacts, and ultrasound appearance of normal musculoskeletal anatomy.
- Hands-on scanning lab with models to include ultrasound evaluation and examination techniques for procedures of the:
 - Shoulder
 - Elbow
 - Wrist/hand
 - Knee
 - Ankle/foot
 - Soft tissue and muscle
 - Special Applications
- Image analysis and review for normal versus abnormal

Hours 8:00 am - 5:00 pm

Tuition \$1,088 includes lecture, scanning laboratory instruction with models, and supplies for the classroom and laboratory. Students are responsible for textbooks, housing and transportation. Textbook on MSK Ultrasound will be available at class.

