



# Pre-Conference Workshop

## INTERMEDIATE / ADVANCED Diagnostic Musculoskeletal Ultrasound Course: Learning to Use My Ultrasound Better

Tuesday, April 29th, 2025 • 8:00 a.m. - 12:00 p.m. & 1:00 p.m. - 6:00 p.m.

Location: Foothills ABC (DoubleTree Hotel)



**Workshop Lead by:** Albert Kozar, DO, FAOASM, R-MSK

**Faculty:** Matthew Chung DO, CAQSM, R-MSK; Barry Dockery, DO, CAQSM; John Morasso DO, CAQSM, R-MSK

**Course Description:** This year's course will be split into two topics. In the morning we will review ultrasound physics, artifacts, and ways to make you much more proficient on your machine. This will also be a great preparation for those wishing to sit for the R-MSK credential, as much of this material is on the test. In the afternoon, we will examine in detail common procedures and common dilemmas in patient presentations after arthroscopy and total joint replacement.

### 2025 INTERMEDIATE / ADVANCED Diagnostic Musculoskeletal Ultrasound Course Agenda

7:00 - 7:55 a.m.

**Registration \*\***

#### Morning Session:

#### Ultrasound Physics & Knobology

7:55 a.m.

**Introduction**

8:00 - 8:30 a.m.

**Understanding the Basic Physics of Resolution: Frequency & Wavelength** - Dr. Dockery

8:30 - 9:00 a.m.

**Learning to Use Ultrasound Artifacts to My advantage: The "Fake" Structures** - Dr. Morasso

9:00 - 9:30 a.m.

**Learning to Use Ultrasound Artifacts to My advantage: The "Missing" Structures** - Dr. Morasso

9:30 - 9:45 a.m.

**Break**

9:45 - 10:15 a.m.

**Common Artifacts with Ultrasound Guided Injections** - Dr. Chung

10:15 - 10:45 a.m.

**Knobology – Getting the Most Out of My Machine** - Dr. Dockery

10:45 - 11:15 a.m.

**Understanding Doppler: Key Settings to Optimize Flow Recognition** - Dr. Kozar

11:15 - 11:45 a.m.

**Introduction to Vascular Ultrasound** - Dr. Chung

11:45 - 12:00 p.m.

**Questions & Answer Session**

12:00 - 1:00 p.m.

**Lunch (On Your Own)**

#### Afternoon Session:

#### Advanced Diagnostic Imaging

1:00 - 1:30 p.m.

**Nerve Trauma: Assessment & Treatment** - Dr. Chung

1:30 - 2:00 p.m.

**Principles of Hydrodissection** - Dr. Dockery

2:00 - 2:30 p.m.

**Common Problems after Total Joint Replacement** - Dr. Kozar

2:30 - 3:00 p.m.

**Common Problems after Arthroscopy** - Dr. Morasso

3:00 - 3:30 p.m.

**Converting Sacral Hackett Points to efficient Ultrasound Guidance** - Dr. Kozar

3:30 - 3:45 p.m.

**Questions & Answer Session**

3:45 - 4:00 p.m.

**Break**

4:00 - 6:00 p.m.

**Diagnostic Scanning Live Models:** Rotate stations (30 min each)

**Stations 1 & 5:** UE Nerves

**Stations 2 & 6:** LE Nerves

**Stations 3 & 7:** UE Muscles & Tendons

**Stations 4 & 8:** LE Muscles & Tendons