

## ASMI MSK Ultrasound Course

August 2-3, 2024

**Bruno Conference Center, St Vincent's Hospital, Birmingham, AL**

**COURSE OBJECTIVES** - Upon completion of this course, participants will be able to:

- Discuss basic ultrasound physics and terminology
- Identify the indications for diagnostic ultrasound imaging and for ultrasound-guided procedures
- Describe normal musculoskeletal anatomy and pathology in ultrasound images
- Perform a musculoskeletal ultrasonographic evaluation of the shoulder, elbow, wrist, hand, hip, knee, ankle and foot.
- Perform basic ultrasound guided interventional procedures of the shoulder, elbow, wrist, hand, hip, knee, ankle and foot.

American Sports Medicine Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. **The American Sports Medicine Institute designates this live activity for a maximum of 12 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.**

### SCHEDULE:

	<b>Friday at Bruno Conference Center</b>	<b>St Vincent's Hospital, Birmingham</b>
8:00am	Registration and breakfast (provided)	-----
8:25am	Welcome and announcement	Ricardo Colberg, MD
8:30am	Lecture: Diagnostic Musculoskeletal Ultrasound	Ricardo Colberg, MD
9:00am	Lecture: Optimizing your images & common pitfalls	Ricardo Colberg, MD
9:15am	Live Demo: Knee Examination	Thomas Ricks, MD
9:30am	Workshop: Knee	Per station
10:15am	Break	-----
10:30am	Introduction to US guided injections	Ricardo Colberg, MD
10:45am	Live Demo: Ankle/Foot Examination	Rachel Henderson, MD
11:00am	Workshop: Ankle/Foot	Per station
11:45am	Lecture: Common MSK US pathologies	Rachel Henderson, MD
12:15pm	Lunch	-----
12:45pm	Live Demo: Shoulder Examination	Ricardo Colberg, MD
1:00pm	Workshop: Shoulder	Per station
1:45pm	Lecture: Upper extremity injections	Robert Bowers, DO, PhD
2:15pm	Break	-----
2:30pm	Live Demo: Elbow/wrist Examination	Robert Bowers, MD
3:00pm	Workshop: Elbow	Per station
3:30pm	Lecture: Lower extremity injections	Lee Kneer, MD
4:00pm	Live Demo: Hip Examination	Lee Kneer, MD
4:30pm	Workshop: Wrist	Per station
5:00pm	Adjourn	-----

	<b>Saturday at ASMI Skills Lab</b>	<b>St Vincent's Hospital, Birmingham</b>
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7:30am	Breakfast (provided)	-----
8:00am	Workshop - Cadaver injections (rotate every 45	Per Station
12:30pm	Adjourn	-----

COMPETENCY CHECKLIST FOR THE COURSE:

Upper extremity diagnostics

**Shoulder:**

Supraspinatus tendon

subacromial bursa

biceps tendon

AC joint

Glenohumeral joint

**Elbow:**

common extensor tendon

common flexor tendon

ulnar nerve

elbow joint

UCL of elbow

**Wrist:**

carpal tunnel

1st Dorsal Compartment

wrist joint

Lower extremity diagnostics

**Hip:**

hip joint

iliopsoas bursa

trochanteric bursa

gluteus medius tendon

gluteus minimus tendon

proximal hamstring tendon

**Knee:**

knee joint

patellar tendon

quadriceps tendon

Baker Cyst

**Ankle:**

Achilles tendon

Peroneal tendons

plantar fascia

Upper extremity injections

AC joint

Glenohumeral joint

Bicipital tendon sheath

Elbow joint

Common extensor tendon

UCL of elbow

Carpal tunnel

1st Dorsal compartment

Wrist joint

Lower extremity injections

hip joint

iliopsoas bursa

trochanteric bursa / gluteus medius

knee joint

Baker Cyst

Distal Iliotibial bursa

Achilles tendon

Peroneal tendon sheath

tibiotalar joint

COURSE FACULTY:

Stations	Diagnostic Faculty (Day 1)	Injection Faculty (Day 2)
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Station 1	Jose Ortega, MD	Jose Ortega, MD
Station 2	Rachel Henderson, MD	Rachel Henderson, MD
Station 3	Emily Casey, MD	Daniel Smith, MD
Station 4	Joseph Powers, MD	Joseph Powers, MD
Station 5	Thomas Ricks, MD	Thomas Ricks, MD
Station 6	Robert Bowers, DO, PhD	Lee Kneer, MD
Station 7	Ricardo Colberg, MD	Ricardo Colberg, MD