

## **“Musculoskeletal and Point of Care Ultrasound for the Athletic Trainer?”**

Domain I - Injury and Illness Prevention and Wellness Promotion

Domain II – Examination, Assessment and Diagnosis

Domain III – Immediate and Emergency Care

Skill Level – Advanced

Introduction of Musculoskeletal and Point of Care Ultrasound for athlete care. Acute on field injury evaluation as well clinic and/ or athletic training room diagnostic ultrasound uses will be discussed. Hands on use of ultrasound machines, knobology or use of each machine, and basic ultrasound principles will be discussed.

### **Learning Objectives**

1. Identify uses for diagnostic ultrasound in the athletic training room.
2. Differentiate the appearance of tissues on ultrasound including bone, muscle, tendon, ligament, nerve and abdominal organs.
3. Obtain and analyze ultrasound images pertinent to the athletic trainer and become familiar with appearance pathology of these tissues including musculotendinous strain or rupture, ligament strain or tear, and other acute uses of diagnostic ultrasound.