

## **Step 1 - Online Fundamentals Precourse Lectures Include:**

- Physics, Optimization and Tissue Differentiation
- Ergonomics, Manual Skills, and Image Optimization
- Needle Tracking & Ultrasound Guided Injection Technique
- Shoulder: Normal Anatomy and Ultrasound Protocol
- Ultrasound Pediatric Applications in the Upper Limb (Forearm, Hand)
- Ultrasound Pediatric Applications in the Upper Limb (Shoulder, Arm)
- Ultrasound-guided Spasticity Management of the Upper Extremity
- Forearm, Wrist, and Hand: Anatomy and Ultrasound
- Ultrasound Peripheral Nerve Applications of the Upper Limb
- Ultrasound Peds/Spasticity Applications in the Lower Limb
- Ultrasound Nerve Applications in the Lower Limb
- Hip: Normal Anatomy and Ultrasound Protocol
- Knee Normal Anatomy and Ultrasound Protocol