



Step 1 - Online Fundamentals Precourse Lectures Include:

- Physics, Optimization and Tissue Differentiation
- Ergonomics and Manual Skills
- **Needle Tracking and Ultrasound Guided Injection Technique** – [Click to Preview](#)
- Ultrasound-guided Spasticity Management of the Upper Extremity
- **Ultrasound Pediatric Applications in the Upper Limb (Forearm, Hand)** – [Click to Preview](#)
- Ultrasound Peripheral Nerve Applications of the Upper Limb
- **Shoulder: Normal Anatomy and Ultrasound Protocol** – [Click to Preview](#)
- Forearm, Wrist, and Hand: Anatomy and Ultrasound
- Ultrasound Peds/Spasticity: Applications in the Lower Limb
- Ultrasound Applications for Nerves in the Lower Limb
- Hip: Normal Anatomy and Ultrasound Protocol
- Knee Normal Anatomy & Ultrasound Protocol
- Documentation and Coding for Physiatric Ultrasound
- Ultrasound Hand and Wrist Pathology
- Ultrasound Evaluation of the Knee Pathology and Intervention
- Elbow Pathology Musculoskeletal Ultrasound
- Ultrasound Applications in Neuro-Rehab: How Ultrasound Changes My Practice
- Shoulder Pathology
- Hip Cross Sections and Selected Pathology of the Hip
- Ankle and Foot Clinical Applications and Pathology with Ultrasound
- Spasticity Management Using Ultrasound: Upper Extremity Neuroanatomy
- Spasticity Management Using Ultrasound: Lower Extremity Neuroanatomy