

**Course outline:**

**GENERAL ANATOMY:**

General ultrasound of the muscles and fasciae of the abdominal wall

General ultrasound of the Bones, bursae, fat pads, fasciae, ligaments, retinaculum, tendons and joints of the ankle and foot

General ultrasound of the neuro-vascular system of the ankle and foot

General ultrasound of the bones, bursae, fat pads, joints, ligaments, muscles and tendons of the elbow

General ultrasound of the neuro-vascular system of the elbow

General ultrasound of the bones, joints, fasciae, muscles, tendons, retinaculum, pulleys and ligaments of the hand and wrist

General ultrasound of the neuro-vascular system of the hand and wrist

General ultrasound of the bones, bursae, cartilage, tendons, joints of the hip, groin and pelvis

General ultrasound of the lymphatic and neuro-vascular system of the hip, groin and pelvis

General ultrasound of the infant hip

General ultrasound of the bones, bursae, muscles, tendons, retinaculum, ligaments, cartilage and joints of the knee

General ultrasound of the neuro-vascular system of the knee

General ultrasound of the bones, bursae, muscles, tendons cartilage and joints of the shoulder

General ultrasound of the neuro-vascular system of the shoulder

**SONOGRAPHIC EVALUATION OF PATHOLOGY:**

Evaluate muscle/ tendon/ ligament pathology, calcifications, tears

Evaluate cystic/ solid masses

Evaluate abnormal fluid collections

Evaluate hernias

Evaluate joint effusions/synovitis/crystal deposits

Evaluate foreign body

Evaluate neuromas/nerve pathology/entrapment

Evaluate bone pathology/erosion/fractures