



Advanced Musculoskeletal Ultrasound

Duration :- 1 day

Target audience : Sonographers and Radiologists

What will be covered during the session

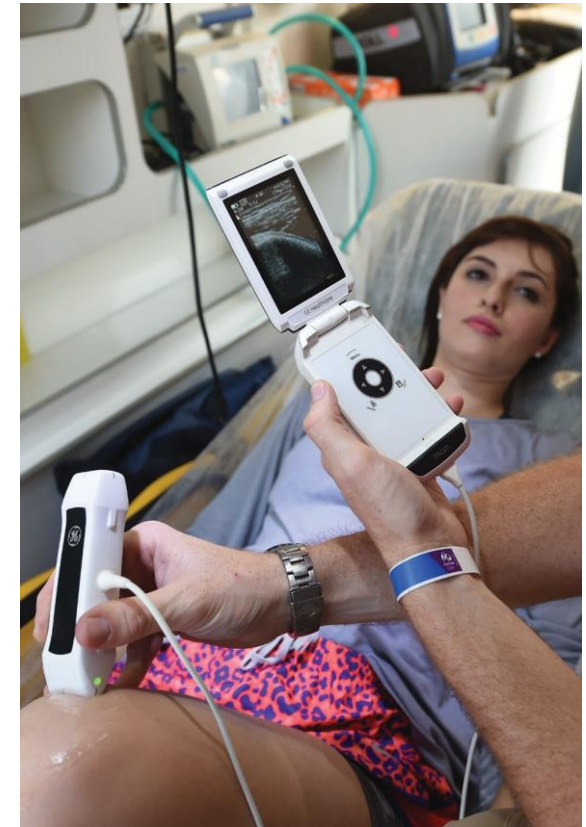
The course aims to facilitate the integration of ultrasound imaging into clinical practice and a strong clinical focus will be maintained throughout the day. There will be presentations on various injuries and pathologies, which affect the various anatomical areas with a look at specific appearances on MSK ultrasound images (e.g. Rheumatoid arthritis, sports injuries, tendinopathies). There will be discussion of case studies involving these more complex pathologies/disease states as well as looking at more complex anatomical areas (e.g. abdominal musculature). Emphasis is also placed on mechanisms of injury, dynamic scanning for various pathologies, as well as hands-on clinical testing as an adjunct to scanning. The course will look at the latest research evidence informing contemporary clinical practice.

Key learning outcomes

- To have basic knowledge of soft-tissue pathology for application to MSK scanning in the clinical environment
- To gain knowledge of arthritic conditions (OA, RA, gout) affecting joints of the upper and lower limbs and apply this to MSK ultrasound scanning
- To be able to perform MSK scans of more complex areas or pathologies of the limbs and trunk
- To perform basic musculoskeletal clinical tests for common injuries and use the results to enhance the diagnostic value of the US scan

Who should attend the course

- This one-day course is targeted at (but not limited to) sonographers, general practitioners, orthopaedic surgeons, radiologists, sports physicians and other musculoskeletal clinicians who have a keen interest in the use of diagnostic ultrasound for musculoskeletal pathology.
- Delegates will have a reasonable knowledge of musculoskeletal anatomy as, well as knowledge of basic protocols for ultrasound scanning of main anatomical regions (see basic course).





Advanced Musculoskeletal Lower Limb

Course Programme

08:00 - 08:30	<i>Coffee and Registration</i>
08:00 – 09:45	The role of MSK US in sports injuries (Mechanisms of injury, Practical clinical testing, Hands-on scanning)
09:45 – 11:00	The role of MSK US in arthritic conditions (Clinical presentation, Mechanisms of injury, Common appearances, Practical clinical testing Hands-on scanning)
11:00 – 11:15	<i>Coffee</i>
11:15 – 12:15	The role of MSK US in arthritic conditions (cont)
12:15 – 13:00	Diagnosis of pathology in the hip area - hip (Iliopsoas bursitis, snapping hip syndrome, RA, groin etc)
13:00 – 13:45	<i>Lunch</i>
13:45 – 15:00	Diagnosis of pathology in the hip area (cont)
15:00 – 15:30	Joint and tendon instabilities - Shoulder, AC joint, Elbow, Thumb and Finger, Ankle (ligament and tendon instabilities)
15:30 – 15:45	<i>Coffee</i>
15:45 – 16:45	Joint and tendon instabilities (cont)
16:45 – 17:00	Feedback and closing remarks

For more information and registration are:

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