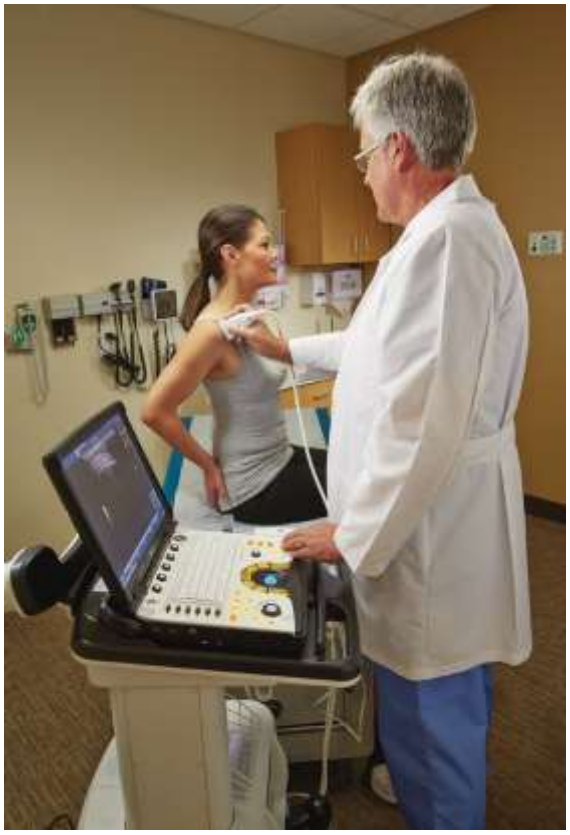
GE Healthcare Institute

COURSE CODE: MSK UL

Musculoskeletal Upper Limb

Duration :- 1 day
Target audience : Sonographers and Radiologists

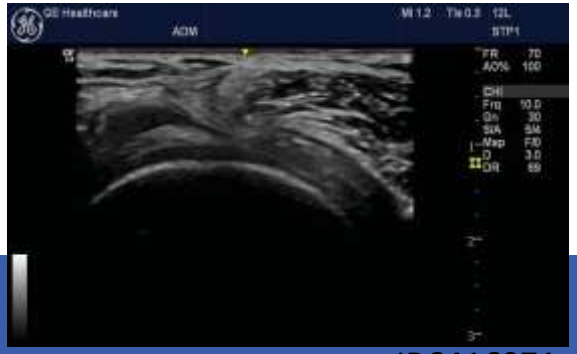


What will be covered during the session

The Introductory Musculoskeletal (MSK) Ultrasound – Lower & Upper Limb course aims to enhance clinicians' understanding and awareness of diagnostic MSK ultrasound of the lower limb, including muscle injuries. It also aims to develop their clinical skills in MSK sonography of this area. It is ideal for those with limited scanning experience, or those just expanding their scope into MSK sonography. The course focuses on practical application of essential clinical tests and hands-on scanning for each anatomical area. There will also be short lectures on topics including basic physics, case studies, ultrasound terminology.

Key learning outcomes

- To understand the basic physics of ultrasound and be able to optimize the image as well as recognize and reduce the effect of artefacts
- To understand the scope of MSK ultrasound in the upper limb
- To revisit anatomy and pathology related to MSK ultrasound of upper limb
- To be able to perform basic musculoskeletal clinical tests for the upper limb
- To be able to perform MSK scans and identify common pathologies in the upper limb
- To compare and appraise the use and efficacy of MSK ultrasound vs. other diagnostic modalities



Who should attend the course

- This course is appropriate for radiologists, sonographers, radiographers, general practitioners, sports physicians.
- Delegates should have a medical qualification, and have access to an ultrasound scanner to improve upon their ultrasound skills.

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Course Programme

08:00 - 08:30	***Coffee and Registration***
08:00 - 08:30	Basic physics, Acknowledging artefacts, Image optimization
08:00 - 08:30	Scope of MSK sonography & Identifying pathology in lower limb (hands-on scanning)
09:45 - 10:45	Shoulder - basic clinical testing, scanning techniques, examples of common pathology. Visualization of Rotator cuff, Subacromial bursa, posterior recess of the glenohumeral joint, AC joint, and impingement testing (hands-on scanning)
10:45 – 11:00	***Coffee***
11:00 - 13:00	Wrist and Hand - basic clinical testing, scanning techniques, examples of common pathology. Visualization of the key tendinous structures, main neural and vascular structures, dynamic testing for various pathologies (hands-on scanning)
13:00 – 13:45	***Lunch***
13:45 - 15:30	Elbow - basic clinical testing, scanning techniques, examples of common pathology. Visualization of triceps, posterior recess of the elbow joint, common extensor tendons, common flexor tendons, distal biceps, anterior aspect of the joint (hands-on scanning)
15:30 - 15:45	***Coffee***
15:45 – 16:45	Critical appraisal of ultrasound and the future
16:45 - 17:00	Feedback and closing remarks

For more information and registration are:

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