



Bahrain Medical Society
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MSK

MUSCULOSKELETAL ULTRASOUND - UPPER LIMB



Accredited by



Workshop

20th January 2018

MUSCULOSKELETAL ULTRASOUND - UPPER LIMB

This highly practical 1-day Musculoskeletal (MSK) Ultrasound course aims to enhance clinicians' understanding and awareness of diagnostic MSK ultrasound of the upper limb and develop their clinical skills in MSK sonography of this area. 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 as well as hands-on scanning for each anatomical area. There will also be short lectures on topics including basic physics, case studies, ultrasound terminology, ultrasound reporting and evaluation of ultrasound as a diagnostic tool.

Learning Objectives

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

Key features

1. Content delivered by expert senior faculty from world renowned academic and clinical institutions
2. Blend of online coaching with hands-on experience
3. Repeated practice sessions on cutting edge GE Simulators
4. Convenient 24/7 access to online lectures
5. User friendly learning platform available on all mobile devices
6. Online assessments can be taken on students convenience

Course Outline

1. Basic physics, Acknowledging artefacts, Image optimization
2. Scope of MSK sonography & Identifying pathology in upper limb
3. Terminology & Reporting
4. Shoulder - basic clinical testing and scanning techniques
5. Wrist and Hand - basic clinical testing and scanning techniques
6. Elbow - basic clinical testing and scanning techniques
7. Critical appraisal of ultrasound and the future

**BLENDED
LEARNING
WORKSHOP**



FACULTY

Dr. Mai Mattar

Consultant Musculoskeletal Radiologist and Radiology,
Chairperson at Salmaniya Medical Complex,
Consultant Radiologist at King Abdulla Medical City

Speciality Area

Radiology

Instructional Method

Online learning with hands on sessions

Type of Activity

Blended Learning

Duration

Workshop - 1 day (7 hrs)

Target audience

Radiologists, sonographers, radiographers,
general practitioners, sports physicians

Prerequisites

Participants should have a medical qualification,
and have access to an ultrasound scanner to
further develop their competency in
the use of ultrasound.

Venue

Bahrain Medical Society, Kingdom of Bahrain

COURSE FEE

BMS Members

USD200

Non-BMS Members

USD300

**Radiology resident/
technicians**

USD150