



Overall Learning Outcomes:

- To know the application, indications, and limitations of musculoskeletal ultrasound in rheumatology.
- To know the ultrasound physics and techniques. (To hold the probe, to optimize B-mode settings of the ultrasound equipment and to acquire ultrasound images)
- To identify the sonographic pattern of the different musculoskeletal tissues.
- To learn the systematic standardized scanning technique for each major anatomic area (i.e., shoulder, elbow, wrist and hand, hip, knee, ankle, and foot)
- To identify normal sonographic anatomy of each major anatomic area (i.e., shoulder, elbow, wrist and hand, hip, knee, ankle, and foot)
- To recognize musculoskeletal artefact and pitfalls.
- Introduction to pathology

9th QATAR MUSCULOSKELETAL ULTRASOUND COURSE DAY 1 (December 07, 2023) – FUNDAMENTAL LEVEL				
TIME		TOPIC	CATEGORY	DURATION IN MINS
08:00:00 AM	08:50:00 AM	Registration		
08:50:00 AM	09:00:00 AM	Opening Ceremony Izzat Khanjar / EULAR Faculty		
09:00:00 AM	09:30:00 AM	Ultrasound Physics and Optimization (Lecture) Syed Intakhab	Cat 1	30
09:30:00 AM	09:45:00 AM	Pretest MCQs		
09:45:00 AM	10:30:00 AM	Hand/Wrist (Lecture) Esperanza Naredo Sanchez	Cat 1	45
10:30:00 AM	10:45:00 AM	Coffee Break		
10:45:00 AM	12:15:00 PM	Hand/Wrist - Workshop	Cat 3	90
12:15:00 PM	13:15:00 PM	Lunch & Prayer Break		
13:15:00 PM	14:00:00 PM	Elbow (Lecture) Mihaela Cosmina Micu	Cat 1	45
14:00:00 PM	15:30:00 PM	Elbow – Workshop	Cat 3	90
15:30:00 PM	15:45:00 PM	Coffee Break		

The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators, and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest. This activity is an Accredited Group Learning Activity Category 1 as defined by the Ministry of Public Health's Department of Healthcare Professions - Accreditation Section and is approved for a maximum of XXXXX hours. This activity is an Accredited Group Learning Activity Category 3 as defined by the Ministry of Public Health's Department of Healthcare Professions - Accreditation Section and is approved for a maximum of XXXXX hours.



15:45:00 PM	16:30:00 PM	Shoulder (Lecture) Hilde Berner Hammer	Cat 1	45
16:30:00 PM	18:00:00 PM	Shoulder – Workshop	Cat 3	90
18:00:00 PM	18:15:00 PM	Ultrasound for Physiotherapist (Lecture) Izzat Khanjar	Cat 1	15
18:15:00 PM	18:40:00 PM	Ultrasound for Sports Medicine (Lecture) Renan Elsadeg Ibrahim Adam	Cat 1	25

**9th QATAR MUSCULOSKELETAL ULTRASOUND COURSE
DAY 2 (December 08, 2023) – FUNDAMENTAL LEVEL**

TIME		TOPIC	CATEGORY	DURATION IN MINS
9:00:00 AM	9:45:00 AM	Foot/Ankle (Lecture) Peter Mandl	Cat 1	45
9:45:00 AM	11:15:00AM	Foot/Ankle - Workshop	Cat 3	90
11:15:00 AM	13:00:00 PM	Lunch and Prayer Break		
13:00:00 PM	13:45:00 PM	Knee (Lecture) Uffe Moller Døhn	Cat 1	45
13:45:00 PM	15:15:00 PM	Knee - Workshop	Cat 3	90
15:15:00 PM	15:30:00 PM	Coffee Break		
15:30:00 PM	16:15:00 PM	Hip (Lecture) Mihaela Cosmina Micu	Cat 1	45
16:15:00 PM	17:45:00 PM	Hip - Workshop	Cat 3	90
17:45:00 PM	18:15:00 PM	Tendon, Bursa pathology (Lecture) Housam Sarakbi	Cat 1	30
18:15:00 PM	18.4500 PM	Bone & Cartilage Pathology (Lecture) Eiman Soliman	Cat 1	30
18:45:00 PM	19:00:00 PM	Posttest MCQs		
19:00:00 PM		Gala Dinner		

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