



Overall Learning Outcomes:

- To understand color and power Doppler physics, application, indications, and limitations.
- To identify musculoskeletal abnormalities (e.g., joint effusion and synovial hypertrophy, tenosynovitis, enthesopathy, tendon tear, bursitis, bone erosions and osteophytes).
- To learn scoring of Synovitis/tenosynovitis.
- To recognize musculoskeletal ultrasound artefact and pitfalls.

*The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators, and/or authors before this CPD activity and has implemented procedures to manage any potential or actual 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 XX 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 XX hours.*



**9th QATAR MUSCULOSKELETAL ULTRASOUND COURSE
DAY 1 Thursday (December 07, 2023) – INTERMEDIATE LEVEL**

TIME		TOPIC	CATEGORY	DURATION IN MINS
8:00:00 AM	8:50:00 AM	Registration		
8:50:00 AM	9:00:00 AM	Opening: Izzat Khanjar / EULAR Faculty		
9:00:00 AM	9:30:00 AM	Ultrasound Physics & Image optimization (Lecture) Syed Intakhab Alam	Cat 1	30
9:30:00 AM	9:45:00 AM	Pretest MCQs		
9:45:00 AM	10:30:00 AM	Hip (Lecture) Zunaid Karim	Cat 1	45
10:30:00 AM	10:45:00 AM	Coffee break		
10:45:00 PM	12:15:00 PM	Hip - Workshop	Cat 3	90
12:15:00 PM	13:15:00 PM	Lunch and Prayer Break		
13:15:00 PM	14:00:00 PM	Knee (Lecture) Nemanja Damjanov	Cat 1	45
14:00:00 PM	15:30:00 PM	Knee - Workshop	Cat 3	90
15:30:00 PM	15:45:00 PM	Coffee break		
15:45:00 PM	16:30:00 PM	Foot/Ankle (Lecture) Peter Mandl	Cat 1	45
16:30:00 PM	18:00:00 PM	Foot/Ankle - 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

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TIME		TOPIC	CATEGORY	DURATION IN MINS
9:00:00 AM	9:45:00 AM	Shoulder (Lecture) Georgios Filippou	Cat 1	45
9:45:00 AM	11:15:00 AM	Shoulder - Workshop	Cat 3	90
11:15:00 AM	13:00:00 PM	Lunch and Prayer Break		
13:00:00 PM	13:45:00 PM	Elbow (Lecture) Lene Terslev	Cat 1	45
13:45:00 PM	15:15:00 PM	Elbow - Workshop	Cat 3	90
15:15:00 PM	15:30:00 PM	Coffee Break		
15:30:00 PM	16:15:00 PM	Hand/Wrist (Lecture) Schmidt Wolfgang Andreas	Cat 1	45
16:15:00 PM	17:45:00 PM	Hand/Wrist - Workshop	Cat 3	90
17:45:00 PM	18:05:00 PM	Enthesopathy (Lecture) Esperanza Naredo Sanchez	Cat 1	20
18:05 :00 PM	18.25:00 PM	Scoring (Lecture) Hilde Berner Hammer	Cat 1	20
18.25:00 PM	18.45:00 PM	Inflammatory Arthritis (Lecture) Schmidt Wolfgang Andreas	Cat 1	20
18:45:00 PM	19:00:00 PM	Post-test MCQs		
19:00:00PM		Gala dinner		

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