



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.

9th QATAR MUSCULOSKELETAL ULTRASOUND COURSE DAY 1 (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: Dr. Izzat Khanjar / EULAR Faculty		
9:00:00 AM	9:30:00 AM	Ultrasound Physics & Image optimization (Lecture) Dr. 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) Dr. 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

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.



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

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	19:30:00 PM	Post-test MCQs		
19:30:00PM		Gala dinner (To be announced later)		

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.