



No. : : الرقم

Date : : التاريخ

EULAR Certified Musculoskeletal Ultrasound Course

Day 1 – 03 Sep 2026

8.00 - 9.00	Registration	
9.00-9.15	Welcome – Objectives and content of the course. EULAR Competency assessment in musculoskeletal ultrasound (MSUS)	Nawal Bassuni, Ingrid Möller,
9.15-9.40	History and development of MSUS. Ultrasound physics and techniques. Technical characteristics of ultrasound equipments appropriate for rheumatic and musculoskeletal diseases	Nawal Bassuni
9.40-10.10	MSUS pattern of normal tissues and anatomical structures (i.e. tendons, muscles, ligaments, nerves, articular cartilage, joint space, joint recesses, joint capsules, and bone profile)	I. Möller
10.10-10.40	Ultrasound machine settings (B-mode), image optimization, probe handling, and image acquisition	Yousef Al-Amri
10.40-11.00	Artefacts, pitfalls and limitations of MSUS	Basant Al-Nadi
11.00 -11.30	Coffee break	



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11.30 -13.30	Workshop (models): Holding the probe and handling the ultrasound machine setting. Normal musculoskeletal tissues and Sonoanatomy	All tutors
13.30 -14.30	Lunch	
14.30-15.00	Clinical applications of MSUS in rheumatic and musculoskeletal diseases	L Terslev
15.00-15.30	Basic MSUS abnormalities: definitions and findings (i.e. joint effusion and synovial hypertrophy, tenosynovitis, enthesopathy, tendon rupture, bursitis, calcifications, bone abnormalities, cartilage damage)	H B Hammer
15.30-16.00	Standardised scanning of the Elbow . Basic pathological findings	Yousef Al-Amri
16.00-16.30	Coffee break	
16.30-18.30	Workshop . Supervised standardised scanning of the elbow (models). Basic pathological findings (patients)	All tutors
20.00	Dinner	



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Day 2 – 04 Sep 2026

9.00-9.30	Standardised scanning of the Wrist and Hand . Basic pathological findings	L Terslev
9.30-11.00	Workshop . Supervised standardised scanning of the wrist and hand (models). Basic pathological findings (patients)	All tutors
11.0-11.30	Coffee break	
11.30-12.00	Standardised scanning of the Hip . Basic pathological findings	I. Möller
12.00-13.30	Workshop . Supervised standardised scanning of the hip (models). Basic pathological findings (patients).	All tutors
13.30-14.30	Lunch	
14.30-15.00	Standardised scanning of the Knee . Basic pathological findings	Izzat Khanjar.
15.00-17.00	Workshop . Supervised standardised scanning of the knee (models). Basic pathological findings (patients)	All tutors
17.00-17.30	Coffee break	
17.30-18.00	Standardised scanning of the Shoulder . Basic pathological findings	Hilde Berner Hammer.
18.00-20.00	Workshop . Supervised standardised scanning of the shoulder (models). Basic pathological findings (patients)	All tutors
20.30	Dinner	



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Day 3 – 05 Sep 2026

9.00-09.30	Standardized scanning of the Ankle and Foot . Basic pathological findings	Ingrid Möller
9.30-11.30	Workshop . Supervised standardised scanning of the ankle and foot (models). Basic pathological findings (patients).	All tutors
11.30-12.00	Coffee break	
12.00-12.30	Prayer time	
12.30-13.00	Reporting MSUS findings and diagnosis. (Technical aspects) and (Clinical aspects)	Hilde Hammer, Lene Terslev
13.00-13.15	Closing Remarks	I Möller, Nawal Bassuni

Total course duration: 20 h (excluding lunch and coffee break time)

Total time for theoretical training: 7 h

Total time for practical training: 13 h