

Advanced Musculoskeletal Ultrasound Course in Antalya, Turkey

29-31 October 2026

Programme

Venue: Belek Beach Resort Hotel

Course fee including course registration, hotel for 3 nights & meals: 1150 €

Number of participants: 36

Language: English

Educational Objectives

- To assess complex anatomic areas and difficult abnormalities.
- To know abnormalities related to rheumatic diseases in the skin, nail, lung, salivary glands, vessels, and nerves.
- To find the most important pathologies of overuse and sport-related lesions.

Target audience: Turkish/ Middle East/European/Asian rheumatologists who have passed a Basic and Intermediate MSKUS course and who want to refresh and deepen their (sono-) anatomy knowledge

This course has been scientifically endorsed by (EFSUMB)

Scientific organizers

Prof. Wolfgang A. Schmidt
Professor of Charité University Medicine Berlin
Waldfriede Hospital
Argentinische Allee 40, 14163 Berlin, Germany

Prof. Ender Terzioğlu
Akdeniz University Medical School Department of Internal Medicine

Division of Rheumatology and Clinical Immunology-Allergy,
07050 Antalya, Turkey

Organizing Secretariat

Secretary: Prof. Ender Terzioglu
Akdeniz University Medical School Department of Internal Medicine
Division of Rheumatology and Clinical Immunology-Allergy,
07050 Antalya, Turkey
Email: usgantalya@gmail.com

DMR Turizm
Kongre / Incentive / Organizasyon
Hollanda Cad. 696 Sok. No:22/9-10 06550
Yıldız - Çankaya / ANKARA - TÜRKİYE
Tel: +90 312 442 01 50
Mobile: +90 530 409 41 54
Fax: +90 312 442 04 10
Web: www.dmrTurizm.com.tr

Faculty (All speakers are EULAR teachers):

Prof. Marina Backhaus, Germany
Dr. George Bruyn, The Netherlands
KD Dr. Giorgio Tamborrini, Switzerland
Prof. Christian Dejaco, Italy
PD Dr. Christina Duftner, Austria
Dr. Petra Hanova, Czech Republic
Prof. Ingrid Möller, Spain
Prof. Salih Pay, Turkey
Prof. Sarah Ohrndorf, Germany
Prof. Wolfgang Schmidt, Germany
Prof. Ender Terzioglu, Turkey

Additional tutors:

Dr. Sibel Bakirci, Turkey
Prof. Muhammet Cinar, Turkey

Schedule

Thursday, 29th October 2026

	Topic	Speaker	
8.00	Registration		
9.00	Opening/ explanation of the purpose of this course	Ender Terzioglu	
9.15	Ultrasound of low back and pelvic pain and proximal hamstring injuries	George Bruyn	
9.35	Ultrasound for differentiating psoriatic arthritis from rheumatoid arthritis	George Bruyn	
10.00	Traumatic and sports related lesions	Wolfgang Schmidt	
10.30	Coffee break		
11.00	Overview of nerve pathology	Ender Terzioglu	
11.30	Patients with RA and PsA pathology	Hands-on scanning	Rotate once at 12.15
13.00	Lunch break		
15.00	Ultrasound of the lung	Wolfgang Schmidt	
15.30	Complex anatomy of the wrist	Giorgio Tamborrini	
16.00	Complex anatomy of the fingers	Giorgio Tamborrini	
16.15	Coffee break		
16.30	Patients with hand pathology	Hands-on scanning	Rotate every 30 min
18.00	Ultrasound of salivary glands	Salih Pay	
18.20	Ultrasound of cervical lymph nodes	Giorgio Tamborrini	
18.40-19.00	Muscle ultrasound	Sarah Ohrndorf	
19.30	Dinner		

Friday, 30th October 2026

	Topic	Speaker	
9.00	Sjögren's syndrome, lymph nodes, muscle disease	Hands-on scanning	Rotate every 30 min
10.00	Vascular ultrasound in rheumatology	Wolfgang Schmidt	
10.30	Gout	Marina Backhaus	
10.45	CPPD	Christina Duftner	
11.00	Coffee break		
11.30	Large vessel vasculitis, crystal disease	Hands-on scanning	Rotate at 12.15
13.00	Lunch break		
15.00	Complex anatomy of the hip	Ingrid Möller	
15.25	Complex anatomy of foot and toes	Ingrid Möller	
15.55	Complex anatomy of the knee	Christina Duftner	
16.25	Coffee break		
16.40	Pathology of the knee and hip	Hands-on scanning	Rotate at 17,00
17.40	How to write and publish an ultrasound paper	Wolfgang Schmidt	
18.00-19.00	Pathology of the foot and toes	Hands-on scanning	Rotate at 18.30
19.30	Dinner		

Saturday, 31st October 2026

	Topic	Speaker	
9.00	Complex anatomy of the shoulder	Giorgio Tamborrini	
9.30	Pathology of the shoulder	Hands-on scanning	Rotate 11.15
11.00	Coffee break		
11.15	Complex anatomy of the elbow	Petra Hanova	
11.30	Pathology of the elbow	Hands-on scanning	No rotation
12.45	Evaluation / Sono-quiz	Christian Dejaco	
13.30	Summary and Conclusions	Ender Terzioglu	
14.00	End of the course		

Timing

	Total time	Hands-on scanning
Thursday	8:00	3:30
Friday	8:00	4:30
Saturday	5:00	2:45
Total	21:00	10:45



Intermediate Musculoskeletal Ultrasound Course in Antalya, Turkey

28-30 October 2026

Programme

Venue: Belek Beach Resort Hotel

Course fee including course registration, hotel for 3 nights & meals: 1150 €

Number of participants: 42

Language: English

Reserve your participation by email: usgantalya@gmail.com

Educational Objectives

Identify the spectrum of musculoskeletal pathology with ultrasound that commonly appears in rheumatological practice

Know physics and application of Doppler sonography for musculoskeletal ultrasound

Ability to perform sonographic-guided articular and periarticular injections.

This course has been scientifically endorsed by



Scientific organizers

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PD Dr. Christina Duftner, Austria
Dr. Petra Hanova, Czech Republic

Prof. Ingrid Möller, Spain
Prof. Salih Pay, Turkey
Prof. Sarah Ohrndorf, Germany
Prof. Wolfgang Schmidt, Germany
KD Dr. Giorgio Tamborrini, Switzerland
Prof. Ender Terzioglu, Turkey

Additional Tutor:

Dr. Sibel Bakirci, Turkey

Requirements for receiving a EULAR certificate:

- Participants should have attended a EULAR basic MSUS course or a EULAR scientifically-endorsed basic MSUS course.
- Prior to acceptance to the course, applicants should send to the a total of 6 normal examinations of each joint region in one Power Point file (i.e. shoulder, elbow, wrist & hand, hip, knee, ankle & foot), according to the EULAR Guidelines for Musculoskeletal Ultrasound in Rheumatology (Ref. Backhaus M, et al. Ann Rheum Dis 2001) to the course organizers via email: usgantalya@gmail.com .
- Images should be presented in a power point file. Important: Each slide should include: - One imaged structure each in longitudinal and transverse plane - A legend with the anatomic area, imaged structure and scanning planes - Parameters of the ultrasound machine - Identity of the person scanned should be removed.
- The faculty members need to provide assessment and feedback. Applicants might need to be asked to repeat the ultrasound examinations and submit the images again for assessment by the faculty.
- Upon approval of the assessment, the applicant needs to be asked to register for the course.
- Participants should bring a total of 60 normal ultrasound examinations (each in a power point presentation) on a USB stick to the course. The faculty reserves the right to randomly request and audit the full set of ultrasound examinations from each participant.
- It is highly recommended to participate in the EULAR Online Introductory Ultrasound Course (<http://www.eular-us-onlinecourse.org/>) before attending this EULAR-endorsed Intermediate Ultrasound Course. The online course is required for those aiming at achieving Level I EULAR competency in Musculoskeletal Ultrasound.

Schedule

Wednesday, 28th October 2026

	Topic	Speaker	
14.00	Registration		
15.00	Opening	Ender Terzioglu	
15.15	Indications for B-mode ultrasound in Rheumatology	Sarah Ohrndorf	
15.40	Indications for Doppler ultrasound in Rheumatology	Christian Dejaco	
16.00	Physics and settings of Doppler ultrasound	Salih Pay	
16.30	Machine settings - focus on Doppler settings	Hands-on scanning	No rotation
17.15	Coffee break		
17.30	Brush-up sono-anatomy and structures	Hands-on scanning	Rotate at 18.15
19.00	Pathology of the hand	Muhammet Cinar	
19.30-19.45	Pathology of the elbow	Petra Hanova	
20.00	Dinner		

Thursday, 29th October 2026

9.00	Pathology of the hand	Hands-on scanning	Rotate at 9.45
10.30	Coffee break		
10.45	Pathology of the elbow	Hands-on scanning	No rotation
11.30	Introduction to synovitis and tenosynovitis	Petra Hanova	
11.45	Introduction to enthesitis	Marina Backhaus	
12.00	Review: How to examine the shoulder	George Bruyn	
12.30	Pathology of the shoulder	Marina Backhaus	
13.00	Lunch break		
15.00	Pathology of the shoulder	Hands-on scanning	Rotate at 15.45
16.30	Introduction to osteoarthritis / bone pathology	Petra Hanova	
17.00	Coffee break		
17.15	Pathology of the knee	Ender Terzioglu	
17.45	Pathology of the hip	Muhammet Cinar	
18.00-19.00	Pathology hip and knee	Hands-on scanning	Rotate at 18.30
19.30	Dinner		

Friday, 30th October 2026

	Topic	Speaker	
9.00	Pathology of foot and toes	Ingrid Möller	
9.30	Quantification: Scoring with ultrasound	Christina Duftner	
9.45	Coffee break		
10.00	Pathology of foot and toes	Hands-on scanning	Rotate at 10.45
11.30	How to implement ultrasound in daily practice	Sarah Ohrndorf	
12.00	Introduction to crystal arthropathy	Christina Duftner	
12.30	Introduction to vascular ultrasound in rheumatology	Wolfgang Schmidt	
13.00	Lunch break		
15.00	Variable pathology	Hands-on scanning	Rotate at 15.45
16.30	Coffee break		
16.45	Ultrasound guided procedures	Giorgio Tamborrini	
17.30	Ultrasound guided procedures	Hands-on scanning	No rotation
18.00	Evaluation / Sono-quiz	Christian Dejaco	
18.30	Summary and Conclusions	Ender Terzioglu	

19.00	End of the course		
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Timing

	Total time	Hands-on scanning (9)
Wednesday	4:45	2:15
Thursday	8:00	4:45
Friday	8:00	3:30
Total	20:45	10:30