



## **Basic Ultrasound Course in Belek near Antalya, Turkey**

**April 25-27, 2019**

### **Programme**

**Venue: Xanadu Hotel, Belek, Antalya, Turkey**

**Course fee including course registration, hotel for 3 nights & meals: 950 €**

**Number of participants: 60**

**Language: English**

**Reserve your participation by email: [usgantalya@gmail.com](mailto:usgantalya@gmail.com)**

#### **Educational Objectives**

- Identify normal musculoskeletal sonoanatomy
- Perform systematic ultrasound scanning of shoulders, elbows, hands, hips, knees and feet
- Know the basic pathological sonographic findings

**This course has been  
scientifically endorsed by**

**eular**  
fighting rheumatic & musculoskeletal  
diseases together

## **Scientific organizers**

Prof. Marina Backhaus  
Parkklinik Weißensee  
Dept. Internal Medicine, Rheumatology and Clinical Immunology  
Schoenstrasse 80, 13086 Berlin, Germany

Prof. Wolfgang A. Schmidt  
Immanuel Krankenhaus Berlin  
Medical Centre for Rheumatology Berlin-Buch  
Lindenberger Weg 19, 13125 Berlin, Germany

Prof. Ender Terzioglu  
Akdeniz University Medical School Department of Internal Medicine  
Division of Rheumatology and Clinical Immunology-Allergy,  
07050 Antalya, Turkey

## **Organizing Secretariat**

Secretary: Prof. Dr. Ender Terzioglu  
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## **DMR Turizm**

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## **Faculty (Speakers; all speakers are EULAR teachers):**

Prof. Marina Backhaus, Germany  
Dr. George Bruyn, The Netherlands  
Dr. Muhammet Cinar, Turkey  
Dr. Petra Hanova, Czech Republic  
Dr. Nevsun Inanc, Turkey  
Dr. Esperanza Naredo, Spain  
Dr. Sarah Ohrndorf, Germany  
Prof. Salih Pay, Turkey  
Prof. Wolfgang Schmidt, Germany  
Prof. Ender Terzioglu, Turkey

## **Additional tutors:**

Dr. Hakan Erdem, Turkey  
Dr. Omer Karadag, Turkey  
Dr. Veli Yazisiz, Turkey

It is highly recommended to participate in the EULAR Online Introductory Ultrasound Course ( <http://www.eular-us-onlinecourse.org/> ) before attending this EULAR-endorsed Basic Ultrasound Course. The online course is required for those aiming at achieving Level I EULAR competency in Musculoskeletal Ultrasound.

## Schedule

Thursday, 25<sup>th</sup> April

	Topic	Speaker	
8.00	Registration		
9.00	Opening	Ender Terzioglu	
9.15	Principles of ultrasound	Wolfgang Schmidt	
9.45	Physics of ultrasound	George Bruyn	
10.00	What is what on an ultrasound machine?	Salih Pay	
10.15	How to sit and hold the probe	Muhammet Cinar	
10.30	Coffee break		
11.00	How to sit and set the ultrasound machine	Hands-on scanning	
12.00	Sonographic pattern of musculoskeletal tissues	Ender Terzioglu	
12.30	Artefacts and pitfalls	George Bruyn	
13.00	Lunch break		
15.00	Identify musculoskeletal tissues	Hands-on scanning	
16.00	Standard scans and anatomy of the wrist	Sarah Ohrndorf	
16.20	Life demonstration wrist	Sarah Ohrndorf	
16.30	Standard scans and anatomy of the fingers	Esperanza Naredo	
16.50	Life demonstration fingers	Esperanza Naredo	
17.00	Coffee break		
17.15-19.00	Normal hands and fingers	Hands-on scanning	
19.30	Dinner		

**Friday, 26<sup>th</sup> April**

	Topic	Speaker	
9.00	Anatomy and standard scans of the elbow	Petra Hanova	
9.20	Life demonstration elbow	Petra Hanova	
9.30	Normal elbow	Hands-on scanning	
10.30	Coffee break		
10.45	Anatomy and standard scans of the shoulder	Wolfgang Schmidt	
11.15	Life demonstration shoulder	Wolfgang Schmidt	
11.30	Normal shoulder	Hands-on scanning	
13.00	Lunch break		
15.00	Anatomy and standard scans of the hip	Salih Pay	
15.20	Life demonstration hip	Salih Pay	
15.30	Normal hip	Hands-on scanning	
16.30	Coffee break		
16.45	Anatomy and standard scans of the knee	Marina Backhaus	
17.15	Life demonstration knee	Marina Backhaus	
17.30-19.00		Hands-on scanning	
19.30	Dinner		

## Saturday 27<sup>th</sup> of April

	Topic	Speaker	
9.00	Anatomy and standard scans of the feet and toes	Nevsun Inanc	
9.30	Life demonstration feet and toes	Nevsun Inanc	
9.45	Normal feet	Hands-on scanning	
11.15	Coffee break		
11.30	Basic pathology in rheumatology	Wolfgang Schmidt	
12.00	Basic pathology in rheumatology	Hands-on scanning	
13.30	Evaluation / Sono-quiz	Marina Backhaus	
14.00	End of the course		

## Timing

	Total time	Live demo	Hands-on scanning	
Thursday	8:00	0:20	3:45	
Friday	8:00	0:50	5:00	
Saturday	5:00	0:15	3:00	
Total	21:00	1:25	11:45	