



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

**17-19 October, 2020**

### **Programme**

**Venue: Susesi Hotel, Belek, Antalya**

**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 sonography

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**

## **Scientific organizers**

Prof. Marina Backhaus  
Parklinik 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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**Faculty (Speakers; all speakers are EULAR teachers):**

Prof. Marina Backhaus, Germany

Dr. George Bruyn, The Netherlands

Dr. Muhammet Cinar, Turkey

Dr. Fabian Proft, Germany

PD Dr. Christina Duftner, Austria

Prof. Nevsun Inanc, Turkey

PD Dr. Peter Mandl, Austria

Dr. Esperanza Naredo, Spain

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, February 24

|             | 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        | Fabian Proft      |  |
| 16.20       | Life demonstration wrist                       | Fabian Proft      |  |
| 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, 6<sup>th</sup> June 2014

|             | Topic                                      | Speaker           |  |
|-------------|--|-------------------|--|
| 9.00        | Anatomy and standard scans of the elbow    | Christina Duftner |  |
| 9.20        | Life demonstration elbow                   | Christina Duftner |  |
| 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      | Ender Terzioglu   |  |
| 15.20       | Life demonstration hip                     | Ender Terzioglu   |  |
| 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 H<sup>a</sup> of U&f à^!Á

|       | 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                 | Peter Mandl       |  |
| 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             |  |