**Advanced Ultrasound Course**

**in Belek (Antalya), Turkey**

**December 1-3, 2022**

**Programme**

**Venue: Spice Hotel, Belek**

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

**Number of participants: 40**

**Language: English**

**Reserve your participation by email: usgantalya@gmail.com**

**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:** 40 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

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. Ender Terzioglu

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DMR Turizm

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**Faculty (All speakers are EULAR teachers):**

Prof. Marina Backhaus, Germany

Dr. George Bruyn, The Netherlands

Dr. Esperanza Naredo, Spain

Prof. Nevsun Inanc, Turkey

PD Dr. Sarah Ohrndorf. Germany

Prof. Dr. Salih Pay, Turkey

Prof. Wolfgang Schmidt, Germany

Prof. Ender Terzioglu, Turkey

**Additional tutors**:

Prof. Muhammet Cinar, Turkey

Prof. Hakan Erdem, Turkey

**Schedule**

Thursday, 1st December, 2022

|  |  |  |  |
| --- | --- | --- | --- |
|  | 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 | Overview of nerve pathology | Ender Terzioglu |  |
| 10.30 | Coffee break |  |  |
| 11.00 | Patients with RA and PsA pathology | Hands-on scanning | Rotate once at 12.00 |
| 13.00 | Lunch break  |  |  |
| 15.00 | Complex anatomy of the wrist | Marina Backhaus |  |
| 15.30 | Complex anatomy of the fingers | Esperanza Naredo |  |
| 15.45 | Patients with hand pathology | Hands-on scanning | Rotate every 30 min |
| 17.15 | Coffee break |  |  |
| 17.30 | Ultrasound of salivary glands | Nevsun Inanc |  |
| 17.50 | Ultrasound of cervical lymph nodes | Nevsun Inanc |  |
| 18.00 | Models/patients scanning of Sjogren patients/models | Hands-on scanning | Rotate every 30 min |
| 19.30 | Dinner |  |  |

Friday, 2nd December, 2022

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| --- | --- | --- | --- |
|  | Topic | Speaker |  |
| 9.00 | Vascular ultrasound in rheumatology | Wolfgang Schmidt |  |
| 9.40 | Complex anatomy of the elbow | Sarah Ohrndorf |  |
| 10.00 | How to score pathology in clinical practice | Marina Backhaus |  |
| 10.15 | Coffee break |  |  |
| 10.30 | Large vessel vasculitis | Hands-on scanning | Rotate every 30 min |
| 12.00 | Crystal arthritis | Nevsun Inanc |  |
| 12.30 | Complex anatomy of the shoulder | George Bruyn |  |
| 13.00 | Lunch break |  |  |
| 15.00 | Complex anatomy of the knee | Esperanza Naredo |  |
| 15.30 | Pathology of the knee | Hands-on scanning | Rotate at 16.10  |
| 16.45 | Coffee break |  |  |
| 17.00 | Complex anatomy of foot and toes | Esperanza Naredo |  |
| 17.30 | Pathology of the foot | Hands-on scanning | Rotate every 30 min |
| 19.30 | Dinner |  |  |

Saturday, 3rd December, 2022

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| --- | --- | --- | --- |
|  | Topic | Speaker |  |
| 9.00 | Traumatic and sports related lesions | Wolfgang Schmidt |  |
| 9.30 | Muscle ultrasound | Sarah Ohrndorf |  |
| 9.45 |  | Hands-on scanning | Rotate at 10.15 |
| 10.45 | Coffee break |  |  |
| 11.00 | Ultrasound of the lung | Salih Pay |  |
| 11.30 | How to write and publish an ultrasound paper | Wolfgang Schmidt |  |
| 12.00 | Variable pathology  | Hands-on scanning | No rotation |
| 12.45 | Evaluation / Sono-quiz | Salih Pay |  |
| 13.45 | Summary and Conclusions | Ender Terzioglu |  |
| 14.00 | End of the course |  |  |

**Timing**

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| --- | --- | --- |
|  | Total time | Hands-on scanning |
| Thursday | 7:45 | 4:30 |
| Friday | 8:00 | 4:45 |
| Saturday | 4:45 | 1:45 |
| Total | 20:30 | 11:30 |