MUSCULOSKELETAL SONOGRAPHY COURSE IN RHEUMATOLOGY
Refresher Course

BOLZANO
March 19-21, 2020
Parkhotel Laurin
ORGANIZATION AND COMMITTEE

SCIENTIFIC DIRECTOR
Prof. Christian Dejaco
Rheumatology Unit
Azienda Sanitaria Alto Adige
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LOCAL SECRETARIAT
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FACULTY / INSTRUCTORS
Christian Dejaco, Italy
EFSUMB level 3, EULAR teacher, Rheumatologist

Andrea Delle Sedie, Italy
EULAR teacher, Rheumatologist

Tobias DeZordo, Italy
Radiologist

Christina Duftner, Austria
EULAR teacher, Rheumatologist

Annamaria Iagnocco, Italy
EFSUMB level 3, EULAR teacher, Rheumatologist

Wolfgang Hartung, Germany
EFSUMB level 3, EULAR teacher, Rheumatologist

Bernd Raffeiner, Italy
South Tyrol Health Trust, Hospital of Bolzano
Rheumatologist

Wolfgang Schmidt, Germany
EFSUMB level 3, EULAR teacher, Rheumatologist

Giorgio Tamborrini, Switzerland
EFSUMB level 3, EULAR teacher, Rheumatologist
OBJECTIVES
- To refresh standard scans of joints and periarticular structures.
- To refresh ultrasound abnormalities including characteristic B-mode and Doppler findings in inflammatory rheumatic diseases.
- To refresh findings in patients with peripheral nerve entrapment syndromes.
- To refresh characteristic findings in large vessel vasculitis.
- To refresh the recognition of sports injuries.

MAIN TOPICS
- Basic, intermediate and advanced level pathologies and ultrasound based differential diagnosis of rheumatic diseases.
- Peripheral nerve entrapment syndromes.
- Ultrasound in large vessel vasculitis.
- Sonographic findings in patients with sports injuries.

LIVE DEMONSTRATIONS
- To demonstrate standard scans, basic, intermediate and advanced level pathologies.
- To demonstrate sonography of peripheral nerves and vessels.
- To discuss common artefacts and pitfalls.

WORKSHOPS IN SMALL GROUPS
- Supervised hands-on scanning of patients with rheumatic diseases.
- Supervised hands-on scanning of peripheral nerves.
- Supervised hands-on scanning of temporal arteries.

COURSE REGISTRATION
The course is open for all attendees from EFSUMB member countries.
Course applications should be e-mailed to: info@fc-eventi.com.
THURSDAY, MARCH 19TH, 2020

13.00  Registration and welcome lunch

14.00  Welcome address
       C. Dejaco

14.15  Standard scans of hands and feet
       C. Duftner

14.35  Findings in RA, PsA and other forms of arthritis
       C. Duftner

14.55  Quantification and scoring systems of synovitis
       and tenosynovitis
       W. Schmidt

15.10  **Live demonstration**
       B-mode and Power Doppler findings in rheumatoid arthritis
       C. Duftner

15.30  **Workshop 1**
       Supervised practical session: hands and feet in patients
       with rheumatic diseases
       All faculty

16.30  Coffee break
**REFRESHER:**
**STANDARD SCANS AND SPECIFIC PATHOLOGIES AT LARGE JOINTS OF UPPER LIMBS**

*Chairperson: W. Hartung*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tr>
<td>17.00</td>
<td>Standard scans of elbow</td>
<td>A. Iagnocco</td>
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<tr>
<td>17.20</td>
<td>Pathologic findings at elbows in rheumatology</td>
<td>A. Iagnocco</td>
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| 17.40 | **Live demonstration**
  Standard scans and pathologies of elbow                                                 | A. Iagnocco         |
| 18.00 | **Workshop 2**
  Supervised practical session: ultrasound of elbow in patients with rheumatic diseases | All faculty         |
| 19.00 | Ultrasound monitoring of joints and entheses in SpA and PsA patients treated with biological agents tsDMARDs | A. Delle Sedie      |
| 19.20 | End of sessions                                                                        |                     |
| 20.00 | Dinner                                                                                 |                     |
FRIDAY, MARCH 20TH, 2020

REFRESHER: STANDARD SCANS AND SPECIFIC PATHOLOGIES AT LARGE JOINTS OF UPPER LIMBS
Chairperson: A. Delle Sedie

08.30 Standard scans of shoulder
G. Tamborrini

09.00 Pathologic findings in polymyalgia rheumatica, rheumatoid arthritis and degenerative disorders
G. Tamborrini

09.20 Live demonstration
Standard scans and pathologies of large joints of upper limbs
G. Tamborrini

09.45 Workshop 3
Supervised practical session: shoulders in patients with rheumatic diseases
All faculty

11.00 Coffee break

REFRESHER: STANDARD SCANS AND SPECIFIC PATHOLOGIES AT LARGE JOINTS OF LOWER LIMBS
Chairperson: G. Tamborrini

11.30 Standard scans of hip and knee
W. Hartung

12.00 Pathological findings in arthritis and degenerative disorders
W. Hartung

12.30 Live demonstration
Standard scans and pathologies of hip and knee
W. Hartung

13.00 Lunch
**14.00**  **Workshop 4**  
Supervised practical session: hip and knee in patients with rheumatic diseases
*All faculty*

**15.00**  
Standard scans of ankle
*A. Delle Sedie*

**15.20**  
Pathological findings at ankle in patients with rheumatic diseases
*A. Delle Sedie*

**15.40**  **Live demonstration**  
Standard scans and pathologies of ankle
*A. Delle Sedie*

**16.00**  
Coffee break

**REFRESHER: ENTHESAL AND LIGAMENT LESIONS**  
*Chairperson: C. Duftner*

**16.30**  
Enthesitis: specific findings and quantification
*C. Dejaco*

**17.00**  
Ligament lesions and sport injuries
*T. DeZordo*

**17.30**  
Scanning of sacroiliac joints
*T. DeZordo*

**17.45**  **Live demonstration**  
Sacroiliac joint sonography
*T. DeZordo*

**18.00**  **Workshop 5**  
Supervised practical session of entheses and ligaments of lower limb
*All faculty*

**19.00**  
Ultrasound monitoring of RA patients treated with biological agents and JAK inhibitors
*B. Raffeiner*

**19.30**  
End of sessions

**20.00**  
*Dinner*
ROLE OF ULTRASOUND IN VASCULITIS  
*Chairperson:* W. Hartung

**08.30** Evaluation of vessels and detection of vasculitis by sonography: diagnostic value in clinical practice, ultrasound settings and possible pitfalls  
*W. Schmidt*

**09.00** Live demonstration  
Ultrasound of temporal arteries and large vessels  
*W. Schmidt*

**09.20** Workshop 6  
Supervised practical session of temporal arteries and large vessels  
*All faculty*

**10.00** Coffee break

PERIPHERAL NERVE SONOGRAPHY FOR THE RHEUMATOLOGIST  
*Chairperson:* T. DeZordo

**10.30** Sonoanatomy and pathology of peripheral nerves  
*T. DeZordo*

**11.15** Live demonstration  
Sonography of peripheral nerves  
*T. DeZordo*

**11.45** Workshop 7  
Supervised practical session: sonography of peripheral nerves  
*All faculty*

**12.45** Case series/Quiz  
Uncommon sonographic pathological findings in rheumatology  
*W. Hartung*

**13.15** Summary and closing remarks  
*C. Dejaco*
GENERAL INFORMATION

CONGRESS VENUE
Parkhotel Laurin
Address: Via Laurin 4 - 39100 Bolzano - Italy

C.M.E. ACCREDITATION (only for Italian Participants)
FC EVENTI Srl - PROVIDER N. 841
C.M.E. ID: 266985
C.M.E. credits: 20
This course is designed for Orthopaedics, Physiotherapists, Rheumatologists, Radiologists, Sports Physicians & General Practitioners.
This event is compliant with the MedTech Europe Code of Ethical Business Practice.

Obtaining credits
To obtain credits, registered participants are required to:
- wear the identification badge during working sessions
- provide their signature and write entrance/exit times before and after attending working sessions
- attend 100% of the teaching event
- pass the practical exam at the end of hands-on training sessions
- complete evaluation and satisfaction questionnaires at the end of the course.

Attendance tracking
The attendance of participants will be tracked by asking them to put their signature at the start/end of each day/course and to complete the evaluation and satisfaction questionnaires.
Accreditation will be documented by the Provider in C.M.E. certificates that will be sent to participants.

LANGUAGE
The official language of the course is English.
GENERAL INFORMATION

PARTICIPANTS
The number of participants is limited to 30.

PRACTICAL SESSIONS
The number of participants per teacher in practical sessions is five at maximum.

REGISTRATION FEE
€ 1,220,00 (VAT included).

The registration fee includes: access to all scientific sessions, course material, accommodation for 2 nights, coffee-breaks, lunch and dinners.

Course applications should be e-mailed to info@fc-eventi.com.

PAYMENT METHOD
Payment will be made by bank transfer to FC EVENTI Srl
BANK: Banco BPM S.p.A.
ADDRESS: Via Guerrazzi 32 - 40125 Bologna, Italy
IBAN: IT94T0503402437000000000077
BBAN: T0503402437000000000077
BIC: BAPPIT22

Bank charges are the responsibility of the payer.
Please note that registration will not be effective until payment of the registration fee has been received by the Organising Secretariat.

CANCELLATION POLICY
All cancellations must be notified in writing to the Organising Secretariat.
Refunds will be processed after the Course.
Refund of registration fees:
- 30 days or more prior to course commencement: full refund of course fee
- 29/15 days prior to course commencement: 50% of course fee
- 14/0 days prior to course commencement: no refund.
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