2nd Edition

MUSCULOSKELETAL SONOGRAPHY COURSE IN RHEUMATOLOGY

Refresher Course

BOLZANO
November 16-18, 2020
Parkhotel Laurin
ORGANIZATION AND COMMITTEE

SCIENTIFIC DIRECTOR
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FACULTY / INSTRUCTORS
Christian Dejaco, Italy
EFSUMB level 3, EULAR teacher, Rheumatologist

Andrea Delle Sedie, Italy
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Tobias DeZordo, Italy
Radiologist

Christina Duftner, Austria
EULAR teacher, Rheumatologist

Annamaria Iagnocco, Italy
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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 Tamborini, 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.
MONDAY, NOVEMBER 16TH, 2020

13.00 Registration and welcome lunch

14.00 Welcome address
C. Dejaco

STANDARD SCANS AND SPECIFIC PATHOLOGIES OF HANDS AND FEET
Chairperson: A. Iagnocco

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

17.00 Standard scans of elbow
A. Iagnocco

17.20 Pathologic findings at elbows in rheumatology
A. Iagnocco

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
TUESDAY, NOVEMBER 17TH, 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*
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.
WEDNESDAY, NOVEMBER 18TH, 2020

ROLE OF ULTRASOUND IN VASCUITIS
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