

**PAEDIATRIC  
MUSCULOSKELETAL BASIC  
ULTRASOUND COURSE**



**Lisbon, September 2-4, 2018**

**PORTUGAL**

This course is scientifically endorsed by

# COURSE DESCRIPTION

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## LEARNING OBJECTIVES:

- ✓ to learn the principles and applications of MSUS in children
- ✓ ultrasound machine handling, setting optimisation and identification of artefacts
- ✓ to learn the normal sonographic pattern and sonoanatomy of musculoskeletal tissues in children
- ✓ to know the standardised ultrasound assessment of each musculoskeletal anatomic region in children
- ✓ to identify basic pathological MSUS findings in children
- ✓ to document images and to report ultrasound findings

## COURSE CERTIFICATION

A certificate of attendance will be supplied to all participants.

## COURSE EVALUATION

You will be kindly asked to evaluate the courses with respect to educational content, course organisation and venue.

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# ORGANISATION AND COMMITTEE

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## SCIENTIFIC ORGANISERS

**Fernando Saraiva (coordinator), Inês Silva (co-coordinator), Margarida Silva (co-coordinator), João Dias, Dina Medeiros, Margarida Oliveira, Miguel Sousa and Filipa Teixeira (on behalf of ESPER - Musculoskeletal Ultrasound School of the Portuguese Society of Rheumatology) and Raquel Marques**

## FACULTY

### **Balint, Peter** (Hungary)

He has finished all levels of EULAR courses, including TdT level, and was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

### **Collado, Paz** (Spain)

She has finished all levels of EULAR courses, including TdT level, organized EULAR MSUS Basic Pediatric Course (Madrid 2017) and 1st EULAR endorsed Basic pediatric MSUS course (Madrid 2012), she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

### **Fodor, Daniela** (Romania)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

### **Iagnocco, Annamaria** (Italy)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

### **Magni-Manzoni, Silvia** (Italy)

She has finished all levels of EULAR courses, including TdT level, she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

### **Malattia, Clara** (Italy)

She has finished all levels of EULAR courses, including TdT level, she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

### **Naredo, Esperanza** (Spain)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

### **Oliveira, Margarida** (Portugal)

She has finished all levels of EULAR courses, including TdT level, she was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017) and tutor in EULAR courses

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**Saraiva, Fernando** (Portugal)

He has finished all levels of EULAR courses, including TdT level, he attended EULAR MSUS Basic Pediatric Courses, organized and was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017) and tutor in EULAR courses

**Vlad, Violeta** (Romania)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

**Vojinovic, Jelena** (Serbia)

She has finished all levels of EULAR courses, including TdT level, organized EULAR MSUS Basic Pediatric Course (Madrid 2017) and 2nd and 3rd EULAR endorsed Basic pediatric MSUS course (Belgrade 2013 and 2015), she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Course

## HANDS ON TUTORS

**Balint, Peter** (Hungary)

He has finished all levels of EULAR courses, including TdT level, and was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

**Collado, Paz** (Spain)

She has finished all levels of EULAR courses, including TdT level, organized EULAR MSUS Basic Pediatric Course (Madrid 2017) and 1st EULAR endorsed Basic pediatric MSUS course (Madrid 2012), and she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

**Costa, Manuela** (Portugal)

She was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017)

**Dias, João** (Portugal)

He has finished all levels of EULAR courses, including TdT level, he was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017) and attended EULAR endorsed MSUS Basic Pediatric Course

**Iagnocco, Annamaria** (Italy)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

**Magni-Manzoni, Silvia** (Italy)

She has finished all levels of EULAR courses, including TdT level, she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

**Malattia, Clara** (Italy)

She has finished all levels of EULAR courses, including TdT level, she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

**Marques, Raquel** (Portugal)

She was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017) and she attended EULAR and EULAR endorsed MSUS Basic Pediatric Courses

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**Medeiros, Dina** (Portugal)

She has finished all levels of EULAR courses, including TdT level, and she attended EULAR MSUS Basic Pediatric Courses

**Naredo, Esperanza** (Spain)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Courses

**Oliveira, Margarida** (Portugal)

She has finished all levels of EULAR courses, including TdT level, she was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017) and tutor in EULAR courses

**Saraiva, Fernando** (Portugal)

He has finished all levels of EULAR courses, including TdT level, he attended EULAR MSUS Basic Pediatric Courses, organized and was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017) and tutor in EULAR courses

**Silva, Inês** (Portugal)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017)

**Silva, Margarida** (Portugal)

She has finished all levels of EULAR courses, including TdT level and she was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017)

**Sousa, Miguel** (Portugal)

He has finished all levels of EULAR courses, including TdT level and he was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017)

**Teixeira, Filipa** (Portugal)

She has finished all levels of EULAR courses, including TdT level, was lecturer and tutor in MSUS Basic Pediatric Courses (Lisbon 2017) and she attended EULAR MSUS Basic Pediatric Courses

**Vojinovic, Jelena** (Serbia)

She has finished all levels of EULAR courses, including TdT level, organized EULAR MSUS Basic Pediatric Course (Madrid 2017) and 2nd and 3rd EULAR endorsed Basic pediatric MSUS course (Belgrade 2013 and 2015), she was lecturer and tutor in several EULAR courses, including MSUS Basic Pediatric Course

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## SCIENTIFIC CONTENT

The course is a combination of lectures and hands-on scanning of models and/or patients with paediatric rheumatic diseases in small groups with experienced tutors. The course has been designed following the recommendations for the content and conduct of EULAR musculoskeletal ultrasound courses (Naredo E, Bijlsma JWJ, et al. Ann Rheum Dis 2008; 67:1017-22).

## ORGANISING SECRETARIAT

E-mail: [secretariado@spneumatologia.pt](mailto:secretariado@spneumatologia.pt)

Telephone: +351 21 353 43 95

Mobile: +351 913 108 063

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# COURSE PROGRAMME:

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## SUNDAY 2<sup>ND</sup> SEPTEMBER 2018

- ✓ 12.00-14.00: registration
- 14.00-14.15: welcome, objectives and course content – S. Magni-Manzoni (Italy), J. Vojinovic (Serbia), A. Iagnocco (Italy), E. Naredo (Spain) & F. Saraiva (Portugal)

### **14.15-18.45: Chairs – P. Balint (Hungary) & C. Malattia (Italy)**

- ✓ 14.15-14.50: basic grey-scale and Doppler principles and artefacts of MSUS – E. Naredo (Spain)
- ✓ 14.50-15.25: paediatric MSUS in clinical practice – C. Malattia (Italy)
- ✓ 15.25-15.30: discussion
- ✓ 15.30-16.05: sonographic pattern and sonoanatomy of musculoskeletal tissues in children – P- Balint (Hungary)
- ✓ 16.05-16.40: basic pathological MSUS findings in children – A. Iagnocco (Italy)
- ✓ 16.40-16.45: discussion
- ✓ 16.45-17.15: coffee break
- ✓ 17.15-18.45: workshop (hands-on) with models; handling of the probe, optimisation of machine settings and sonographic appearance of musculoskeletal tissues in children
- ✓ 19.45: dinner

## MONDAY 3<sup>RD</sup> SEPTEMBER 2018

### **08.15-13.00: Chairs – P. Collado (Spain) & V. Vlad (Romania)**

- ✓ 08.15-09.00: sonoanatomy, standardised scanning and basic pathological findings of the child's hip – C. Malattia (Italy)
- ✓ 09.00-09.45: sonoanatomy, standardised scanning and basic pathological findings of the child's knee – V. Vlad (Romania)
- ✓ 09.45-10.30: sonoanatomy, standardised scanning and basic pathological findings of the child's ankle and foot – P. Collado (Spain)
- ✓ 10.30-11.00: coffee break
- ✓ 11.00-13.00: workshop (hands-on) with models for standardised scanning of the hip, knee, ankle and foot; basic pathological findings (patients)
- ✓ 13.00-14.30: lunch

### **14.30-19.15: Chairs - S. Magni-Manzoni (Italy) & F. Saraiva (Portugal)**

- ✓ 14.30-15.15: sonoanatomy, standardised scanning and basic pathological findings of the child's shoulder – M. Oliveira (Portugal)

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- ✓ 15.15-16.00: sonoanatomy, standardised scanning and basic pathological findings of the child's elbow F. Saraiva (Portugal)
- ✓ 16.00-16.45: sonoanatomy, standardised scanning and basic pathological findings of the child's wrist and hand – S. Magni-Manzoni (Italy)
- ✓ 16.45-17.15: coffee break
- ✓ 17.15-19.15: workshop (hands-on) with models for standardised scanning of the shoulder, elbow, wrist and hand; basic pathological findings (patients)

## **TUESDAY 4<sup>TH</sup> SEPTEMBER 2018**

### **09.00-12.45: Chairs – D. Fodor (Romania) & J. Vojinovic (Serbia)**

- ✓ 09.00-09.30: US-guided periarticular and intra-articular injections – J. Vojinovic (Serbia)
- ✓ 09.30-10.00: documentation of US images and report of US findings – D. Fodor (Romania)
- ✓ 10.00-10.30: coffee break
- ✓ 10.30-12.30: workshop (hands-on) for supervised scanning of children with rheumatic diseases
- ✓ 12.30-12.45: closing remarks – S. Magni-Manzoni (Italy), J. Vojinovic (Serbia), A. Iagnocco (Italy) & E. Naredo (Spain)

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# GENERAL INFORMATION

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## SCIENTIFIC SECRETARIAT



Sociedade Portuguesa de Reumatologia (Portuguese Society of Rheumatology)  
Av. de Berlim, 33 B  
1800-033 Lisbon, Portugal  
secretariado@spreumatologia.pt  
[www.spreumatologia.pt](http://www.spreumatologia.pt)

## COURSE VENUE

Hotel Tivoli Oriente Lisboa  
Av. D. João II - Parcela 1.14 Lote 3 Parque das Nações  
Lisbon, Portugal  
<http://tivoli-orientel.lisbon-hotel.org/en/>

## COURSE OPENING

Sunday, 2nd September 2018, 14.00h

## COURSE CLOSING

Tuesday, 4th September 2018, 12.45h

## PARTICIPANTS

The number of participants is limited to 50.

## LANGUAGE

The official language of the Course will be English.

## COURSE BADGES

A badge will be provided on-site together with the Course kit. Participants are kindly requested to always wear their name badge during the Course.

## REGISTRATION FEES

- REGISTRATION FEE (dinners and accommodation excluded): € 800,00
- FULL REGISTRATION FEE (dinners and accommodation included): € 1100,00

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**The registration fee includes:** participation in the scientific sessions, course kit, certificate of attendance, lunch, coffee breaks

**The full registration fee includes:** participation in the scientific sessions, course kit, certificate of attendance, lunch, coffee breaks, dinners and 2 nights' accommodation at Hotel Tivoli Oriente Lisboa

**The registration fee does not include travel expenses.**

## HOW TO REGISTER

Go to form registration:

[https://docs.google.com/forms/d/e/1FAIpQLSfP3s7d4vmXbQ7PFW06sX61MPvUpXayp\\_S11R0\\_7r6V4y09YA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfP3s7d4vmXbQ7PFW06sX61MPvUpXayp_S11R0_7r6V4y09YA/viewform)

An invoice will be issued as written confirmation of your registration by the Organizing Secretariat.

## PAYMENTS

### Bank Transfer

Please transfer the payment to: Sociedade Portuguesa de Reumatologia

Bank details: IBAN: PT50 0033 0000 0000 3291278 95

SWIFT: BC OM PT PL

Address: Av. 5 Outubro 60-68

1050-059 Lisbon – Portugal

The payment transfer form should clearly state the name of the delegate

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