

# 5<sup>th</sup> EULAR-PreS PAED MSUS Course

Denmark, Copenhagen

Monday, 30 May 2022 – Wednesday, 1 June 2022



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, JW, Conaghan PG, et al. Ann Rheum Dis 2008; 67:1017-22).

## ORGANISATION & COMMITTEE

### Scientific Organisers

- Magni-Manzoni, Silvia (Italy)
- Terslev, Lene (Denmark)
- Vojinovic, Jelena (Serbia)
- Windschall, Daniel (Germany)

### Faculty

- Collado, Paz (Spain)
- Høst, Christian (Denmark)
- Magni-Manzoni, Silvia (Italy)
- Malattia, Clara (Italy)
- Naredo, Esperanza (Spain)
- Rossi Semerano, Linda (France)
- Vojinovic, Jelena (Serbia)
- Windschall, Daniel (Germany)

### Local Organiser

- Ingels, Helene (Denmark)

### Organising Secretariat

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### EULAR Committee

EULAR Education Committee, Live Courses & Meetings Sub-Committee

## **COURSE DESCRIPTION**

The course will focus on learning ultrasound physics, image acquisition, normal sonoanatomy and the standardised examination method in children as well as the applications of MSUS in children with juvenile idiopathic arthritis.

### **Learning objectives**

- To learn the principles and applications of MSUS in children
- Ultrasound machine handling, setting optimization and identification of artefacts
- To learn the 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

# GENERAL INFORMATION

## Course venue

Tivoli Hotel & Congress Center

Arni Magnussons Gade 2, Copenhagen, 1577, Denmark

Web: <https://www.tivolihotel.com/meetings>

## Course dates

Monday, 30 May 2022 (Start at 14:00) – Wednesday, 1 June 2022 (End at 12:45)

## Official language

English

## Maximum participants

30

## Course fee

**1000 €** (VAT included), package includes:

Monday, 30 May 2022

- Full access to the 5th EULAR-PreS PAED MSUS Course
- Afternoon coffee break

Tuesday, 31 May 2022

- Full access to the 5th EULAR-PreS PAED MSUS Course
- Morning coffee break
- Lunch

Wednesday, 1 June 2022

- Full access to the 5th EULAR-PreS PAED MSUS Course
- Morning coffee break

**\*Note:** hotel/accommodation is not included in the course fee. EULAR will provide preferred rates for hotel/s.

## Certification

After the course, all participants who have successfully completed the course will receive a certificate of attendance on their EULAR School user account.

\*100% course attendance is required.

## REGISTRATION

### Application requirements / Target audience

No prerequisites. This is an educational activity targeting participants with no or little experience in MSUS in paediatric rheumatic and musculoskeletal diseases.

### Registration process

Online: [link to registration page](#)

Please login to your EULAR School of Rheumatology account to register. If you do not have a School account, you will need to create one before applying.

**Registration deadline:** 30 April 2022

Early registration is advisable. Number of participants is limited.

### Bursary

EULAR grants **5 bursaries** in the amount of **EUR 1000 each**. The amount of the bursary will be deducted from the course fee. Please apply with your motivation letter, CV and (if any) publication list within the registration system.

**Bursary application deadline:** 31 March 2021

**Notification:** mid-April 2021

# Detailed Programme

Day 1 - Monday, 30 May 2022

[paed]

Time	Type of session & Title	Speakers
12:00 – 14:00	Check In & Registration	
14:00 – 14:15	<b>Welcome and overview</b> Objectives and content of the course	S. Magni-Manzoni J. Vojinovic D. Windschall
<b>Chairs:</b> Jelena Vojinovic, and Daniel Windschall		
14:15 – 14:50	Basic grey-scale and Doppler principles, artifacts and pitfalls	E. Naredo
14:50 – 15:15	Application, indications and limitations of PedMSUS in pediatric rheumatology	J. Vojinovic S. Magni-Manzoni
15:15 – 15:50	Anatomic components, ultrasound pattern of musculoskeletal tissues in children and physiological vascularization of healthy joints in children	C. Malattia D. Windschall
15:50 – 16:20	COFFEE BREAK	
16:20 – 16:45	Standardized MSUS scanning approach in paediatric rheumatology, definition of basic pathological findings	J. Vojinovic S. Magni-Manzoni
16:45 – 17:00	MSUS of the child's entheses	L. Rossi-Semerano
17:00 – 19:00	<b>Workshop</b> (models) Supervised handling of the probe and optimisation of settings. US appearance of musculoskeletal tissues and structures in children (healthy children)	<u>Faculty</u>

Day 2 - Tuesday, 31 May 2022

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Time	Type of session & Title	Speakers
<b>Chairs:</b> Christian Høst and Clara Malattia		
09:00 – 09:30	Sonoanatomy, standardised scanning and basic pathological findings of the child's knee	D. Windschall
09:30 – 10:00	Sonoanatomy, standardised scanning and basic pathological findings of the child's ankle and foot	C. Malattia
10:00 – 10:30	Sonoanatomy, standardised scanning and basic pathological findings of the hip	C. Høst
10:30 – 11:00	<b>COFFEE BREAK</b>	
11:00 – 13:00	<b>Workshop (hands-on) with models for</b> Standardised scanning of the hip, knee, ankle and foot; basic pathological findings	Faculty
13:00 – 14:30	<b>LUNCH</b>	
<b>Chairs:</b> Paz Collado, and Linda Rossi-Semerano		
14:30 – 15:00	Sonoanatomy, standardised scanning and basic pathological findings of the child's shoulder	P. Collado
15:00 – 15:30	Sonoanatomy, standardised scanning and basic pathological findings of the child's elbow	L. Rossi-Semerano
15:30 – 16:00	Sonoanatomy, standardised scanning and basic pathological findings of the child's wrist and hand	S. Magni-Manzoni
16:00 – 16:30	<b>COFFEE BREAK</b>	
16:30 – 19:00	<b>Workshop (hands-on) with models for</b> Standardised scanning of the shoulder, elbow, wrist and hand; basic pathological findings	Faculty

**Day 3 - Wednesday, 1 June 2022**

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Time	Type of session & Title	Speakers
<b>Chairs:</b> Silvia Magni-Manzoni		
<b>09:00 – 09:40</b>	PedMSUS artefacts and pitfalls	L. Rossi-Semerano / C. Malattia
<b>09:40 – 10:00</b>	Documentation of US images and report of US findings	C. Høst
<b>10:00 – 10:30</b>	<b>COFFEE BREAK</b>	
<b>10:30 – 12:30</b>	<b>Workshop (hands-on) with models</b> Supervised scanning and Attendees' assessment of theoretical and practical skills on models	Faculty
<b>12:30 – 12:45</b>	<b>Closing Remarks</b>	S. Magni-Manzoni J. Vojinovic D. Windschall

*Any changes to the scientific programme or to the list of speakers are possible until the date of course. Further updates will be published on the [EULAR School of Rheumatology](#) homepage [link to registration page](#) *tba**