

2nd EULAR-PreS PAED MSUS Course – Basic

Madrid, Spain

Monday, 10th June – Wednesday, 12th June 2019



The courses are a combination of lectures and hands-on scanning of models (Basic course) or patients (Intermediate Course) 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).

ORGANISATION & COMMITTEE

Organisers

- Esperanza Naredo
- Paz Collado
- Jelena Vojinovic
- Silvia Magni-Manzoni

Faculty

Peter Balint, Hungary; **Paz Collado**, Spain; **Sandrine Jousse-Joulin**, France; **Silvia Magni-Manzoni**, Italy; **Clara Malattia**, Italy; **Viviana Ravagnani**, Italy; **Ana Rodriguez**, Spain; **Martina Steiner**, Spain; **Nikolay Tzaribachev**, Germany; **Jelena Vojinovic**, Serbia; **Daniel Windschall**, Germany.

Hands-on Tutors

Daniel Clemente, Spain; **Consuelo Modesto**, Spain; 3. **Alejandro Prada**, Spain; **Luis Sala**, Spain.

Organising secretariat

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GENERAL INFORMATION

Course venue and hotel

Hotel Meliá Avenida América

Calle Juan Ignacio Luca de Tena, 36, 28027 Madrid, Spain

T: +34914232400

F: +34913201440

<https://www.melia.com/en/hotels/spain/madrid/melia-avenida-america/index.htm>

Course dates

10th June (Start at 14:00), 11th June (full day), 12th June (End at 12:30)

Participants

- 30 participants maximum

Official language

- English

Application requirement(s)

No prerequisite.

Course fee

1400 € (VAT included), package includes:

Monday, 10th June 2019

- Full access to the Course
- 1-night accommodation at the Meliá Avenida América hotel in single room, breakfast included
- Afternoon coffee break
- Dinner

Tuesday, 11th June 2019

- Full access to the Course
- 1-night accommodation at the Meliá Avenida América hotel in single room, breakfast included
- Morning & Afternoon coffee breaks
- Lunch & Dinner

Wednesday, 12th June 2019

- Full access to the Course
- Morning coffee break

The course fee quoted is a package price; therefore, the usage of the accommodation is highly recommended. For participants who would prefer not to utilise the accommodation, a discount of 100 € will be given.

COURSE DESCRIPTION

The **BASIC COURSE** will focus on learning ultrasound physics, image acquisition, normal sonoanatomy and the standardised examination method in children as well as the main applications of MSUS in paediatric rheumatic and musculoskeletal diseases. Basic course is recommended for participants with little or no experience in paediatric MSUS.

Learning objectives

- To know the principles and applications of MSUS in children
- To learn ultrasound machine handling, grey-scale setting optimisation and artefacts
- To identify the sonographic pattern of musculoskeletal tissues in children
- To learn normal musculoskeletal sonoanatomy in children
- To learn the standardised ultrasound scanning of each musculoskeletal anatomic region in children
- To learn basic MSUS abnormalities in children.

Course certification

At the end of the course, all participants who have successfully completed the Basic course will receive a certificate:

- EULAR-PreS 2nd MSUS PAED in Rheumatology Course – Basic [Passed]

Detailed Programme

Day 1 – Monday, 10th June 2019

Time	Type of session & Title	Speakers	Room
12:00 – 14:00	Check In & Registration		Lobby
14:00 – 14:15	Welcome and overview <ul style="list-style-type: none"> Objectives and content of the course 	P. Collado S. Magni-Manzoni J. Vojinovic E. Naredo	Toledo (I)
14:15 – 14:50	Grey-scale and Doppler principles, settings and optimisation, and artefacts of MSUS *** Combined session with Intermediate Course	P. Balint Chairs: P. Collado & C. Malattia	Toledo (I)
14:50 – 15:20	Sonographic pattern and sonoanatomy of musculoskeletal tissues in children *** Combined session with Intermediate Course	C. Malattia Chairs: P. Collado & C. Malattia	Toledo (I)
15:20 – 16:10	Standardized MSUS scanning approach in pediatric rheumatology *** Combined session with Intermediate Course	J. Vojinovic Chairs: P. Collado & C. Malattia	Toledo (I)
16:10 – 16:30	Physiological vascularization of healthy joints in children *** Combined session with Intermediate Course	D. Windschall Chairs: P. Collado & C. Malattia	Toledo (I)
16:30 – 17:00	COFFEE BREAK		Toledo (I)

Day 1 – Monday, 10th June 2019 [continue]

Time	Type of session & Title	Speakers	Room
17:00 – 19:00	<p>Workshop [Models]</p> <ul style="list-style-type: none"> Supervised handling of the probe and optimisation of grey-scale settings. Supervised ultrasound appearance of musculoskeletal tissues and structures in children. 	Faculty & Tutors	Toledo (I)
18:30 – 19:30	Role of MSUS in paediatric clinical practice	P.Collado Chairs: D. Windschall	Toledo (I)
19:30	DINNER		Toledo (II + III)

Day 2 – Tuesday, 11th June 2019

Time	Type of session & Title	Speakers	Room
08:30 – 09:30	Sonoanatomy and standardised scanning of the child's knee. Basic pathological findings	M. Steiner Chairs: V. Ravagnani & M. Steiner	Toledo (I)
09:30 – 10:30	Sonoanatomy and standardised scanning of the child's ankle & foot. Basic pathological findings	V. Ravagnani Chairs: V. Ravagnani & M. Steiner	Toledo (I)
10:30 – 11:00	COFFEE BREAK		Toledo (I)
11:00 – 13:00	Workshop <ul style="list-style-type: none"> Supervised standardised scanning of the knee, ankle and foot 	Faculty & Tutors	Toledo (I)
13:00 – 14:30	LUNCH		Toledo (II + III)

Day 2 – Tuesday, 11th June 2019 [continue]

Time	Type of session & Title	Speakers	Room
14:30 – 15:00	Sonoanatomy and standardised scanning of the child's shoulder. Basic pathological findings	A. Rodriguez Chairs: V. Ravagnani & A. Rodriguez	Toledo (I)
15:00 – 15:30	Sonoanatomy and standardised scanning of the child's elbow. Basic pathological findings	N. Tzaribachev Chairs: V. Ravagnani & A. Rodriguez	Toledo (I)
15:30 – 16:30	Sonoanatomy and standardised scanning of the child's wrist & hand. Basic pathological findings	M. Steiner Chairs: V. Ravagnani & A. Rodriguez	Toledo (I)
16:30 – 17:00	COFFEE BREAK		Toledo (I)
11:00 – 13:00	Workshop [Model] <ul style="list-style-type: none">Supervised standardised scanning of the shoulder, elbow, wrist and hand	Faculty & Tutors	Toledo (I)
13:00 – 14:30	LUNCH		Toledo (II + III)

Day 3 – Wednesday, 12th June 2019

Time	Type of session & Title	Speakers	Room
08:30 – 09:00	Sonoanatomy and standardised scanning of the child's hip. Basic pathological findings	D. Windschall Chair: S. Magni-Manzoni	Toledo (I)
09:00 – 10:00	Workshop [Models] <ul style="list-style-type: none"> Supervised standardised scanning of the hip 	Faculty & Tutors	Toledo (I)
10:00 – 10:30	COFFEE BREAK		Toledo (I)
10:30 – 12:15	Workshop <ul style="list-style-type: none"> Video-demos of basic MSUS abnormalities in children 	Faculty & Tutors	Toledo (I)
12:15 – 12:30	Closing remarks	P. Collado S. Magni-Manzoni J. Vojinovic E. Naredo	Toledo (I)