

# 14<sup>th</sup> EULAR Ultrasound Trainers Course in Rheumatology [TTT] 2025

**Barcelona, Spain**

**Tuesday, 10 June 2025**



# ORGANISATION & COMMITTEE

## Scientific Organisers

- Ingrid Möller (Spain)

## Faculty Members

- Annamaria Iagnocco (Italy)
- Catherine Haines (United Kingdom)
- David Bong (Spain)
- Emilio Filippucci (Italy)
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## Organising Secretariat

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## EULAR Committee

EULAR Education Committee, Live Courses & Meetings Sub-Committee

## COURSE DESCRIPTION

**This course is designed for rheumatologists who would like:**

- To obtain a EULAR Teach-the-Teachers certification and advance to EULAR Competency Assessment in Musculoskeletal ultrasound (MSUS) in Rheumatology – Level 2.
- To organise basic MSUS courses scientifically endorsed by EULAR.

For more details on EULAR Competency Assessment in MSUS in Rheumatology – Level 2, please follow this link: <https://esor.eular.org/course/view.php?id=95>.

For more details on scientific endorsement by EULAR, please follow this link: <https://esor.eular.org/course/view.php?id=46>.

### Learning objectives

- **To teach:**
  - Skills for lectures and hands-on workshops.
  - Organisation of the educational and logistic aspects of MSUS courses.
  - Assessment of knowledge and skills of participants in MSUS courses.
- **To assess:**
  - The knowledge and skills in MSUS.
  - Teaching capabilities of future teachers in EULAR scientifically endorsed MSUS courses.

### Certification

Upon successful completion of the course, participants who meet all requirements, including both the practical and theoretical components of the MSUS assessments, will be awarded the following certifications:

- EULAR Certificate for Ultrasound Trainers in Rheumatology - Certificate of attendance.
- EULAR Competency Assessment in MSUS in Rheumatology - Level 2.

## GENERAL INFORMATION

### Course venue

Gran Via | Fira de Barcelona - Hall 8, Convention Centre (North Access),  
Carrer del Foc,  
08908, L'Hospitalet de Llobregar, Barcelona, Spain

[Website](#)

### Course dates

Tuesday, 10 June 2025

### Official language

English

### Maximum participants

30

## Course fee

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

#### Tuesday, 10 June 2025

- Full access to the course.
- Coffee breaks.
- Lunch.

**\*Note:** *accommodation is not included in the course fee.*

# REGISTRATION

## Application Requirements

- EULAR Competency Assessment in Musculoskeletal ultrasound (MSUS) in Rheumatology – Level 1.

**Online:** <https://esor.eular.org/course/view.php?id=509>

Please login to your EULAR School of Rheumatology account to register.

**Registration deadline:** Sunday, 6 April 2025.

\* Early registration is advisable. Number of participants is limited.

**Notification:** 2 – 3 weeks after the receipt of your application.

\* Your application will be reviewed by EULAR.

## Pre-course Assignment

### 1. Live demo – Short hands-on ultrasound demonstration

Participants should be prepared to conduct a 10-minute group teaching session on a randomly assigned anatomical area typically covered in rheumatological ultrasound courses (please refer to Appendix I).

The topic of this hands-on session will be assigned onsite.

#### Assessment of the live demo

**Round one – practice round:** The purpose is to help delegates become comfortable being recorded and collaborating in their groups, allowing them to accurately demonstrate their teaching skills in the second assessed round. Faculty may intervene as necessary to ensure effective hands-on teaching is being demonstrated.

Groups are also encouraged to discuss strategies for handling challenging situations.

**Round two – assessed round:** In this round, faculty members will take on the role of formal assessors and will only intervene at the end of each session to lead a brief summary and feedback discussion. Faculty should invite input from all delegates to highlight what is working well for the teacher and areas for development.

Assessors will take note of any concerns regarding a participant's demonstrated competency in teaching but will maintain an open mind until the session concludes.

### 2. Lecture – PowerPoint presentation on a randomly assigned topic

Participants should prepare a 10-minute lecture (PowerPoint presentation) on a topic assigned randomly by EULAR, which will be communicated via email after successful enrolment (please refer to Appendix II).

Participants will present their pre-prepared lecture onsite for mandatory assessment as part of the course.

#### Assessment of the lecture

Each participant must demonstrate sufficient competency to teach in future EULAR or EULAR-endorsed courses. Competence will be evaluated based on whether a participant is considered safe to continue gaining experience through teaching, showing evidence of meeting the minimum standards in the following areas:

- Producing their own teaching materials.
- Demonstrating understanding of ultrasound.
- Providing clear explanation.

## **Appendix I – Micro teaching session topics (Live Demo)**

1. Ultrasound scanning of the shoulder.
2. Ultrasound scanning of the elbow.
3. Ultrasound scanning of the wrist and hand.
4. Ultrasound scanning of the hip.
5. Ultrasound scanning of the knee.
6. Ultrasound scanning of the ankle and foot.

## **Appendix II – Micro teaching session topics (Lecture)**

1. Ultrasound pattern of the musculoskeletal tissues and basic abnormalities.
2. Application and limitations of MSUS in rheumatology.
3. MSUS artefacts. Image documentation and reporting MSUS findings.
4. Sonoanatomy, scanning technique and basic pathology of the shoulder.
5. Sonoanatomy, scanning technique and basic pathology of the elbow.
6. Sonoanatomy, scanning technique and basic pathology of the wrist and hand.
7. Sonoanatomy, scanning technique and basic pathology of the hip.
8. Sonoanatomy, scanning technique and basic pathology of the knee.
9. Sonoanatomy, scanning technique and basic pathology of the ankle and foot.
10. Doppler US applications and limitations in rheumatology.

# Detailed Programme

Day 1 – Tuesday, 10 June 2025 [TTT]

Time	Type of session & Title	Speakers
08:00 – 09:00	REGISTRATION	
09:00 – 09:15	<b>Welcome and overview</b> <ul style="list-style-type: none"> <li>Objectives and content of the course.</li> <li>EULAR Competency assessment in MSUS (Level 2).</li> </ul>	I. Möller D. Bong L. Coronel C. Haines
09:15 – 09:45	<b>Instructional techniques for ultrasound hands-on teaching</b>	W. Schmidt
09:45 – 10:00	COFFEE BREAK	
10:00 – 12:30	<b>Micro-teaching session – Live demo</b> <i>(5 – 6 participants per group; randomly assigned)</i> <ul style="list-style-type: none"> <li>Practical teaching of MSUS.</li> <li>Hands-on teaching session given by the participants. Each participant will give a 10-minute live demo.</li> <li>Faculty will provide assessment and comments on didactic, content, and technical aspects for each demo.</li> </ul> <p>*** For topics of the demo, please refer to Appendix I</p>	<b>Faculty</b> 1: two speakers per room 2: two speakers per room 3: two speakers per room 4: two speakers per room 5: two speakers per room 6: two speakers per room
12:30 – 13:30	LUNCH & GROUP PHOTO	
13:30 – 14:00	<b>How to prepare and deliver a power point presentation?</b> Didactic tricks and pitfalls, common mistakes.	C. Haines



<p><b>14:00 – 16:30</b></p>	<p><b>Micro-teaching session – Lecture</b> <i>(5 – 6 participants per group; randomly assigned)</i></p> <ul style="list-style-type: none"> <li>• Theoretical teaching of US.</li> <li>• Presentation of a pre-prepared lecture by the participants.</li> <li>• Each participant will give a 10-minute lecture.</li> <li>• Faculty will provide assessment and comments on didactic, content, and technical aspects for each lecture.</li> </ul> <p><i>*** For topics of pre-course assignment, please refer to Appendix II</i></p>	<p><b>Faculty</b></p> <p>1: two speakers per room 2: two speakers per room 3: two speakers per room 4: two speakers per room 5: two speakers per room 6: two speakers per room</p>
<p><b>16:30 – 17:00</b></p>	<p><b>NETWORKING COFFEE BREAK</b></p>	
<p><b>17:00 – 18:00</b></p>	<p><b>Roundtable discussion and closing</b></p>	<p>All faculty</p>
<p><b>18:00 – 19:00</b></p>	<p><b>FACULTY DISCUSSIONS</b> <i>*Only for faculty members</i></p>	<p>All faculty</p>

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](http://www.eular.org) homepage.