

## 9<sup>th</sup> Sonography Course – Ultrasound Trainers [Teach the Teachers, TTT]

**Bad Nauheim, Germany**

**Saturday, 30 May – Sunday, 31 May 2020**



# ORGANISATION COMMITTEE

## Scientific Organisers

- Ulf Müller-Ladner
- Sarah Ohrndorf
- Wolfgang Schmidt
- Catherine Haines

## Faculty

**Marina Backhaus**, Germany; **George AW Bruyn**, The Netherlands; **Maria Antonietta D'Agostino**, France; **Nemanja Damjanov**, Serbia; **Emilio Filippucci**, Italy; **Catherine Haines**, United Kingdom; **Annamaria Iagnocco**, Italy; **Ingrid Möller**, Spain; **Esperanza Naredo**, Spain; **Sarah Ohrndorf**, Germany; **Wolfgang Schmidt**, Germany; **Lene Terslev**, Denmark; **Richard J. Wakefield**, United Kingdom.

## Organising secretariat

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# GENERAL INFORMATION

## Course venue and hotel

Dolce Hotel Bad Nauheim

Elvis-Presley-Platz 1 (GPS: Terrassenstraße), 61231 Bad Nauheim, Germany

Tel.: +49 6032 3030

Email: [info@dolcebadnauheim.com](mailto:info@dolcebadnauheim.com)

Web: <https://www.dolcebadnauheim.com/en/>

## Course dates

Saturday, 30 May 2020 (Start at 13:00) – Sunday, 31 May 2020 (End at 13:00)

## Official language

English

## Participants

30 participants maximum

## APPLICATION REQUIREMENT(S)

### Regular participants

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

For more details on EULAR Competency Assessment in MSUS in Rheumatology – Level 1, please follow this link: <https://esor.eular.org/course/view.php?id=94>

### Special Admission

Interested participants without EULAR Competency Assessment – Level 1, we welcome you to send in your application with our registration template for this course via [education@eular.org](mailto:education@eular.org), your application will be assessed by EULAR course organisers and faculty and you will be timely informed if you can be accepted into this course. \*\*

*\*\* Additional practical exam will be required by these participants in order to pass this course.*

## Registration

Course registration page: <https://esor.eular.org/course/view.php?id=99>

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.

**Deadline for application:** 31 March 2020

## COURSE FEE

**1600 €** (VAT included), package includes:

Saturday, 30 May 2020

- Full access to the 9th EULAR Course for Ultrasound Trainers in Rheumatology
- 1-night accommodation at the Dolce Hotel Bad Nauheim in single room
- Afternoon coffee break
- Buffet Dinner

Sunday, 31 May 2020

- Full access to the 9th EULAR Course for Ultrasound Trainers in Rheumatology
- Morning coffee break
- Buffet Lunch

**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 50 EUR will be given.**

## 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

### Course assessment & certification

After the course, regular participants who have successfully passed the judgement of MSUS skills as well as teaching competencies assessed during the micro-teaching sessions on Saturday, 30th May 2020 by the course faculty; will be awarded the following certificates:

- EULAR Course for Ultrasound Trainers in Rheumatology [PASSED]
- EULAR Competency Assessment in MSUS in Rheumatology – Level 2

Participants [who are admitted into this course without EULAR Competency Assessment - Level 1 certificate] will be subjected additionally to attend a final practical exam on Sunday, 31 May 2020, in order to successfully complete the course and receive the same certification.

## DETAILED PROGRAMME

Day 1 – Saturday, 30 May 2020

Time	Type of session & Title	Speakers	Room
10:00 – 13:00	Check In & Registration	Organizers	Berlin I & II
13:00 – 13:15	<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>	W. Schmidt, S. Ohrndorf, C. Haines, U. Müller-Ladner	Berlin I & II
13:15 – 13:45	<b>Instructional techniques for ultrasound hands-on teaching</b>	W. Schmidt	Berlin I & II
13:45 – 16:15	<b>Micro-teaching session</b> (5 – 6 participants per group; randomly assigned) <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> *** For topics of the demo, please refer to Appendix I	Faculty	Berlin I & II
16:15 – 16:30	<b>COFFEE BREAK</b>		
16:30 – 17:00	<b>How to prepare and deliver a power point presentation?</b> Didactic tricks and pitfalls, common mistakes	C. Haines	Berlin I & II
17:00 – 17:15	<b>Group photo</b>		Berlin I & II
17:00 – 19:30	<b>Micro-teaching session</b> (5– 6 participants per group; randomly assigned) <ul style="list-style-type: none"> <li>Theoretical teaching of US.</li> <li>Presentation of a pre-prepared lecture (pre-course assignment, appendix II) 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> *** For topics of pre-course assignment, please refer to Appendix II	Faculty	Breakout rooms: Berlin I/II & Bad Nauheim I-IV
20:00	<b>DINNER</b>		
			Platanenhof Restaurant

## Day 2 – Sunday, 31 May 2020

Time	Type of session & Title	Speakers	Room
09:00 – 09:15	Practical information on how to organize a MSUS course	I. Möller	Berlin I & II
09:15 – 09:30	EULAR recommendations for conducting MSUS courses	E. Naredo	Berlin I & II
09:30 – 09:45	Assessment of theoretical and practical skills	C. Haines	Berlin I & II
09:45 – 10:00	Questions and discussion	I. Möller, E. Naredo, C. Haines	Berlin I & II
10:00 – 10:30	<b>COFFEE BREAK</b>		
10:30 – 12:00	<p><b>Parallel Sessions (7 patients needed)</b></p> <p><i>For participants who have already achieved EULAR COMPETENCY LEVEL 1:</i></p> <p>→ Microteaching in small groups (free topics; feedback from tutors, but no assessment)</p> <p><i>For participants who have not yet EULAR Competency Assessment - Level 1 certificate:</i></p> <p>→ Practical assessment of ultrasound performance and examination (EULAR COMPETENCY LEVEL 1). Each participant will perform a 20-minute MSUS examination of two different anatomic areas with abnormalities of two patients, supervised and assessed by two teachers, respectively.</p>	Faculty	Berlin I/II & Bad Nauheim I-IV
12:00 – 12:30	Formal closing of LEVEL 1 and LEVEL 2	W Schmidt, S. Ohrndorf, C. Haines	
12:30 – 13:00	<b>LUNCH</b>		<b>Platanenhof Restaurant</b>

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

Each participant will give a 10-minute live demo on practical teaching of US assessment of an anatomic area (i.e. shoulder, elbow, wrist/hand, hip, knee, ankle/foot). The live demo will be chosen onsite (appendix I). The teachers will provide feedback and assessment on each live demo onsite.

### **Appendix I. Topics of live demos**

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 (Lecture)**

The participants should prepare a 10-minute lecture (power point presentation) on the assigned topic which should be sent to the Faculty before the course. A lecture from appendix II will be randomly assigned to each participant before the course by the organisers.

The participants will receive feedback from the teachers before the course. The participants should deliver a part (10 minutes) of the pre-prepared lecture at the course. The teachers will also provide feedback and assessment on each lecture on-site.

### **Appendix II. Topics of lectures**

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