

MUSCULOSKELETAL ULTRASOUND in RHEUMATOLOGY

INTERMEDIATE COURSE

NEW

Rome, 4-6 December 2025

Course Chair: Annamaria Iagnocco

These courses are endorsed by





Faculty - Basic and Intermediate Course

Annamaria Iagnocco, Turin - IT

Ahmed Abogamal, Cairo - EG

George Bruyn, Lelystad - NE

Edoardo Cipolletta, Ancona - IT

Andrea Delle Sedie, Pisa - IT

Orazio De Lucia, Milan - IT

João Dias, Lisboa - PT

Christina Duftner, Innsbruck - AT

Maria Antonietta D'Agostino, Rome - IT

Emilio Filippucci, Jesi (AN) - IT

Dana Fodor, Cluj-Napoca - RO

Giasna Gioktis, Katerini - GR

Sarah Ohrndorf, Berlin - DE

Porin Peric, Zagreb - HR

Violeta Vlad, Bucharest - RO

Tutors - Basic and Intermediate Course

Alberto Batticciotto, Verese - IT

Marco Canzoni, Rome - IT

Claudio Cruciani, Turin - IT

Mirco Magnani, Bologna - IT

Gabriella Maioli, Milan - IT

Carlo Perricone, Perugia - IT

Garifallia Sakellariou, Pavia - IT

Nicolò Possemato, Pisa - IT





INTERMEDIATE COURSE PRESENTATION

Course Presentation

The Intermediate Course will focus on a wide spectrum of rheumatic and musculoskeletal pathologies.

It is designed for participants with previous performance of a minimum of 10 standardised MSUS examinations of each joint region (i.e., shoulder, elbow, wrist & hand, hip, knee, ankle & foot) and attendance to a basic MSUS course (either a EULAR MSUS Basic course, or a EULAR scientifically endorsed basic course, or a national MSUS Basic course).

This course is one of the criteria for EULAR Competency Assessment in MSUS in Rheumatology - Level 1:

- criterion 1, EULAR Online Introductory Ultrasound Course
- criterion 2, Basic EULAR MSUS Course
- criterion 3, Intermediate EULAR MSUS course
- criterion 4, Advanced EULAR MSUS course

(or other equivalent level of Basic/Intermediate MSUS courses by other national societies / EULAR scientifically endorsed MSUS Courses)

For more details, please follow this link: <https://esor.eular.org/course/view.php?id=94>

Chair

Prof. Annamaria Iagnocco

Professor of Rheumatology Università degli Studi di Torino-Turin, Italy


Local organizer: Dr. Marco Canzoni

Application for endorsement to this Course has been submitted to the Italian Society for Rheumatology.

Participants will give their formal evaluation of the course.

The sponsors will not have any influence on the programme, its content or speakers.

Learning Objectives

- To know the Doppler physics, technology, settings and artefacts.
 - To know the application, indications and limitations of Doppler in rheumatology.
 - To identify the spectrum of rheumatic and musculoskeletal abnormalities in each anatomic area (e.g. joint synovitis, tenosynovitis, enthesopathy, tendinosis, paratenonitis, tendon sub/luxation, tendon impingement, tendon tears, bone erosions, osteophytes, ganglia and cysts, articular cartilage lesions, peri- and intra-articular microcrystal deposit, soft tissue calcifications).
 - To detect and quantify synovial, tenosynovial, and enthesal inflammation.
 - To detect and quantify structural joint damage (i.e. bone, tendons, cartilage).
 - To perform sonographic-guided periarticular and intra-articular injections.
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INTERMEDIATE COURSE PRESENTATION

Application requirements

For registering to the Intermediate Level Course applicants are requested to provide:

- 6 PowerPoint files with 1 normal examination each of the following joint regions: shoulder, elbow, wrist & hand, hip, knee, ankle & foot (i.e., in total 6 normal examinations, one of each joint region).
AND:
- Certification proofs for either: Basic EULAR MSUS Course certificate OR Basic EULAR scientifically endorsed MSUS course attendance OR Other equivalent level of Basic MSUS course by other national societies.
- Completion of EULAR Online Introductory Ultrasound Course is highly recommended, but not mandatory for course participation. However, it is a requirement for EULAR Competency Assessment - Level 1.

For more details, please follow this link: <https://esor.eular.org/course/view.php?id=94>

CME Accreditation provided



INTERMEDIATE COURSE PROGRAMME

December 4th, 2025

11.30 - 12.30 **Registration**

12.30 - 12.35 **Introduction**

A. Iagnocco, Turin - IT

12.35 - 12.45 **EULAR Competency assessment in MSUS**

A. Iagnocco, Turin - IT

Chair: V. Vlad, Bucharest - RO

12.45 - 13.15 **Doppler physics and technology. Doppler setting optimisation. Doppler artefacts and pitfalls**

A. Delle Sedie, Pisa - IT

13.15 - 13.45 **Applications, indications, and limitations of Doppler in RMDs**

G. Bruyn, Lelystad - NE

13.45 - 14.15 **B-mode and Doppler synovitis and tenosynovitis: definition, detection, quantification and pitfalls**

M.A. D'Agostino, Rome - IT

14.15 - 15.45 **Workshop - Supervised practical handling of Doppler US machine settings and Doppler artefacts. Supervised hands-on scanning of patients with synovitis and tenosynovitis**

Faculty and tutors

Chair: G. Bruyn

15.45 - 16.15 **US tendon abnormalities (tendinosis, tears, sub/luxation, impingement, calcifications): definition, detection, quantification, and pitfalls**

G. Bruyn Lelystad - NE

16.15 - 16.45 Coffee break

16.45 - 17.15 **B-mode and Doppler enthesopathy, enthesitis, paratenonitis and dactylitis: definition, detection, quantification, and pitfalls**

A. Delle Sedie, Pisa - IT

17.15 - 18.45 **Workshop - Supervised hands-on scanning of patients with tendon abnormalities and dactylitis**

Faculty and tutors

18.45 - 19.15 **US bone abnormalities (bone erosions, osteophytes), ganglia and cysts: definition, detection, quantification, and pitfalls**

V. Vlad, Bucharest - RO



INTERMEDIATE COURSE PROGRAMME

December 5th, 2025

Chair: Sarah Ohrndorf, Berlin - DE

08.30 - 09.00 **US cartilage abnormalities: definition, detection, quantification, and pitfalls**

Sarah Ohrndorf, Berlin - DE

09.00 - 09.30 **US assessment of crystal arthropathies: definition, detection, quantification, and pitfalls**

E. Filippucci, Jesi (AN) - IT

09.30 - 10.45 **Workshop - Supervised hands-on scanning of patients with bone lesions, cartilage abnormalities and peri- and intra-articular microcrystal deposits**

Faculty and tutors

10.45 - 11.00 Coffee break

Chair: O. De Lucia

11.00 - 11.30 **US diagnosis of ankle and foot pathology**

O. De Lucia, Milan - IT

11.30 - 12.00 **US diagnosis of knee pathology**

A. Delle Sedie, Pisa - IT

12.00 - 12.30 **US diagnosis of hip pathology**

Sarah Ohrndorf, Berlin - DE

12.30 - 13.30 Lunch

13.30 - 15.00 **Workshop - Supervised hands-on scanning of patients with lower limb inflammatory and degenerative diseases**

Faculty and tutors

Chair: M.A. D'Agostino, Rome - IT

15.00 - 15.30 **US diagnosis of wrist and hand pathology**

M.A. D'Agostino, Rome - IT

15.30 - 16.00 **US diagnosis of elbow pathology**

Sarah Ohrndorf, Berlin - DE

16.00 - 16.15 Coffee break





INTERMEDIATE COURSE PROGRAMME

16.15 - 16.45 **US diagnosis of shoulder pathology**

O. De Lucia, Milan - IT

16.45 - 18.15 ***Workshop* - Supervised hands-on scanning of patients with upper limb inflammatory and degenerative diseases.**

Faculty and tutors



INTERMEDIATE COURSE PROGRAMME

December 6th, 2025

Chair: Edoardo Cipolletta, Ancona - IT

08.30 - 09.15 **US-guided periarticular and intra-articular fluid aspirations and injections**

Edoardo Cipolletta, Ancona - IT

09.15 - 9.45 **US-guided synovial biopsies**

M.A. D'Agostino, Rome - IT

09.45 - 11.15 ***Workshop* - Supervised US-guided procedures**

Faculty and tutors

11.15 - 11.45 Coffee break

Chair: A Iagnocco, Turin - IT

11.45 - 12.15 **How to write and publish a paper on MSUS?**

A. Iagnocco, Turin - IT

12.15 - 12.50 **Interactive discussion on normal and pathological Ultrasound images**

J. Dias, Lisboa - PT

12.50 - 13.00 **Closing remarks**

A. Iagnocco, Turin - IT

GENERAL INFORMATION

Organizing Secretariat



AIM Group International | Milan Office

Viale E. Forlanini 23

20134 Milan, Italy

Tel. +39 02 566011

mskrome@aimgroup.eu

Course Venue

Cavour Congress Center

Via Cavour, 50/A

00184 Rome, Italy

Registration Desk

The Organizing Secretariat will be available onsite as follows:

Thursday, December 4 11.30 - 19.30

Friday, December 5 08.00 - 19.30

Saturday, December 6 08.00 - 13.30

Language

The official language of the Course is English. Simultaneous translation will not be provided.

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: € 900,00

The registration fee includes:

participation in the scientific sessions, course kit, certificate of attendance, lunch breaks and coffee breaks.

Please note that enrollment in the intermediate course is subject to approval by the scientific committee. If your application is not accepted, you will receive a full refund. The organizing secretariat will confirm your participation within two weeks from your registration.

How to register

On the website <https://eventi2025.webaimgroup.eu/mskrome/> is available an "on line" registration form with payment by credit card in security certificate mode "Verisign" and "SSB". An invoice will be issued as written confirmation of your registration by the Organizing Secretariat.



GENERAL INFORMATION

Payments

All major credit cards are accepted (American Express, VISA, Eurocard/Master Card).

Bank Transfer

Please transfer the payment to: AIM Italy srl

Bank details: Intesa San Paolo-Filiale di Viale Conizugna 62 - Milano

IBAN: IT57D0306909457100000005623

swift/BIC: BCITITMM

The payment transfer form should clearly state the name(s) of the delegate(s) and should clearly state Rome Musculoskeletal.

Cancellation Policy

Notification of cancellation must be sent in writing to mskrome@aimgroup.eu.

Cancellations of registration will be accepted until the 5th of November 2025, subject to an administrative charge of 30% of the registration fee.

No refund on cancellations sent after 5th of November 2025.

Unexpected cancellation of the event or impossibility to hold it

In the unlikely case that the "Musculoskeletal Ultrasound in Rheumatology Basic Course" cannot be held in whole or in part due to any event beyond the Organisers' control or force majeure (such as riot, fire, explosion, accident, flood, earthquake, sabotage, strikes, acts of law or regulation by Italian or foreign Authorities, epidemic outbreak, sanitary emergency, etc) the Congress Organisers cannot be held liable for any damage, cost, or loss incurred, such as registration fee, transportation and accommodation costs, or any other direct or indirect loss or consequential damage.

