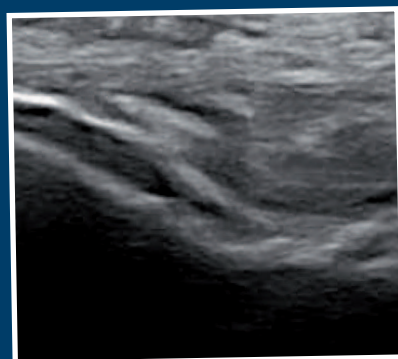


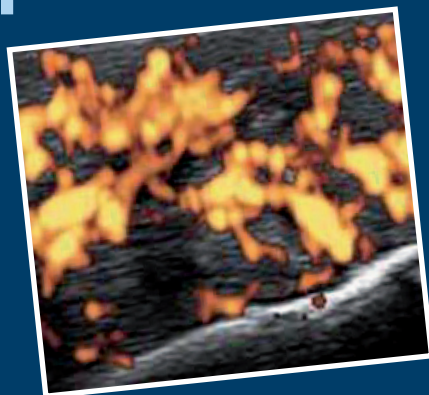
EDUCATIONAL COURSE



MUSCULOSKELETAL ULTRASOUND in RHEUMATOLOGY BASIC COURSE

Rome, March 2-4, 2017

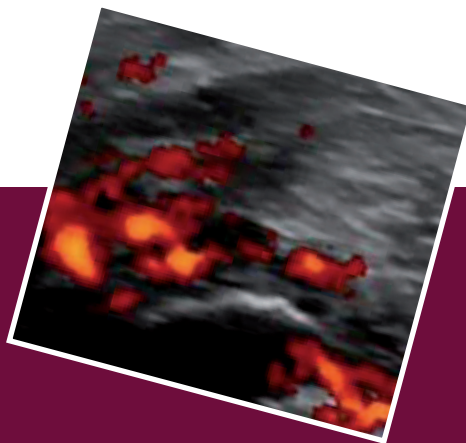
Course Coordinator
Annamaria Iagnocco



Scientific endorsement by

eular

fighting rheumatic & musculoskeletal
diseases together



Musculoskeletal ultrasound in rheumatology is a rapidly evolving imaging tool which has registered an increasing and widespread use over the last decades. Currently it is utilized for assessing different rheumatic pathologies and evaluating various abnormalities both in degenerative and inflammatory diseases. Due to its limited cost, wide equipment availability and feasibility it is used as a bedside procedure in the clinical rheumatology practice. Nonetheless the presence of a number of experts in the field, there are still many rheumatologists who are willing to learn the use and applications of musculoskeletal ultrasound in rheumatology with an increasing demand of attending ultrasound courses. The SIR Course in musculoskeletal ultrasound in rheumatology, which has the EULAR Scientific Endorsement, is an educational initiative which has the aim of assisting rheumatologists to learn ultrasound. The faculty of the Course in musculoskeletal ultrasound in rheumatology is represented by Italian experts in the field and by international speakers who are faculty members of the EULAR Sonography Courses.

*Annamaria Iagnocco
Course coordinator*

FACULTY

Annamaria Iagnocco, Roma - IT
Peter Vince Balint, Budapest - HU
George Bruyn, Lelystad - NL
Marco Amedeo Cimmino, Genova - IT
Nemanja Damjanov, Belgrade - SR
Salvatore D'Angelo, Potenza - IT
Andrea Delle Sedie, Pisa - IT
Georgios Filippou, Siena - IT
Emilio Filippucci, Jesi (AN) - IT
Walter Grassi, Jesi (AN) - IT
Zunaid Karim, Wakefield - UK
Pierluigi Macchioni, Reggio Emilia - IT
Peter Mandl, Wien - AU
Esperanza Naredo, Madrid - ES
Francesco Porta, Firenze - IT
Niccolò Possemato, Reggio Emilia - IT
Garifallia Sakellariou, Pavia - IT
Carlo Alberto Scirè, Milano - IT

SUPERVISORS

Antonella Adinolfi, Siena - IT
Alberto Batticciotto, Milano - IT
Marco Canzoni, Roma - IT
Luca Idolazzi, Verona - IT
Valentina Picerno, Siena - IT
Lucrezia Riente, Pisa - IT

Thursday, March 2

12.00 - 12.50 Registration

12.50 - 13.00 **Opening remarks**
A. Iagnocco, Roma - IT

Chair: A. Iagnocco, Roma - IT

13.00 - 13.25 **US in rheumatology**
W. Grassi, Jesi (AN) - IT

13.25 - 13.50 **Sonographic pattern of musculoskeletal tissues and correlations with anatomy and histology**
P.V. Balint, Budapest - HU

13.50 - 14.15 **Sonographic semiology (tendinosis, tenosynovitis, partial and complete tendon tear, entesopathy, bursitis, calcifications, articular cartilage lesions, cortical abnormalities and joint synovitis)**
A. Iagnocco, Roma - IT

14.15 - 14.40 **How to implement US in daily clinical practice**
P. Mandl, Wien - AU

14.40 - 15.05 **Applications and limitations of US in rheumatology**
G. Bruyn, Lelystad - NL

15.05 - 15.30 **Technical characteristics and setting of US equipment in rheumatology**
E. Naredo, Madrid - ES

15.30 - 15.55 **Doppler physics and techniques. Doppler setting and optimization. Color or power Doppler?**
G. Sakellariou, Pavia - IT

15.55 - 16.15 **Artifacts and misinterpretation in MSUS**
F. Porta, Firenze - IT

16.15 - 16.45 *Coffee Break*

16.45 - 18.30 **Workshop 1: Appropriate use of the US equipment. US settings and B-mode/Doppler optimization. Sonoanatomy: appropriate acquisition of the MSUS images in healthy individuals (muscles, tendons, bursae, ligaments, nerves, cartilage, joint space, joint recesses, joint capsule, cortical profile).**
Faculty and Supervisors

Chair: G. Filippou, Siena - IT

18.30 - 19.00 **US of the hip. Normal findings and basic US pathology**
Lecture: Z. Karim, Wakefield - UK
Live demo: A. Delle Sedie, Pisa - IT

19.00 - 20.30 **Workshop 2: Sonoanatomy and standard scans of the hip. How to perform an US examination in healthy subjects and obtain US images.**
Faculty and Supervisors

Friday, March 3

Chair: P.V. Balint, Budapest - HU

08.30 - 09.00 **US of the knee. Normal findings and basic US pathology**

Lecture: E. Filippucci, Jesi (AN) - IT

Live demo: C.A. Scirè, Milano - IT

09.00 - 10.30 **Workshop 3: Sonoanatomy and standard scans of the knee. How to perform an US examination in healthy subjects and obtain US images.**

Faculty and Supervisors

10.30 - 10.45 *Coffee Break*

Chair: E. Naredo, Madrid - ES

10.45 - 11.15 **US of the ankle and foot. Normal findings and basic US pathology**

Lecture: P. Macchioni, Reggio Emilia - IT

Live demo: N. Possemato, Reggio Emilia - IT

11.15 - 12.45 **Workshop 4: Sonoanatomy and standard scans of the ankle and foot. How to perform an US examination in healthy subjects and obtain US images.**

Faculty and Supervisors

12.45 - 13.45 *Lunch*

Chair: G. Bruyn, Lelystad - NL

13.45 - 14.15 **US of the shoulder. Normal findings and basic US pathology**

Lecture: A. Delle Sedie, Pisa - IT

Live demo: E. Naredo, Madrid - ES

14.15 - 15.45 **Workshop 5: Sonoanatomy and standard scans of the shoulder. How to perform an US examination in healthy subjects and obtain US images.**

Faculty and Supervisors

Chair: N. Damjanov, Belgrade - SR

15.45 - 16.15 **US of the elbow. Normal findings and basic US pathology**

Lecture: C.A. Scirè, Milano - IT

Live demo: Z. Karim, Wakefield - UK

16.15 - 16.30 *Coffee Break*

16.30 - 18.00 **Workshop 6: Sonoanatomy and standard scans of the elbow. How to perform an US examination in healthy subjects and obtain US images.**

Faculty and Supervisors

Chair: E. Filippucci, Jesi (AN) - IT

18.00 - 18.30 **US of the hand and wrist. Normal findings and basic US pathology**

Lecture: N. Possemato, Reggio Emilia - IT

Live demo: E. Filippucci, Jesi (AN) - IT

18.30 - 20.00 **Workshop 7: Sonoanatomy and standard scans of the hand and wrist. How to perform an US examination in healthy subjects and obtain US images.**

Faculty and Supervisors

Saturday, March 4

Chair: N. Damjanov, Belgrade - SR

- 08.30 - 08.55 **Basic skills in sonographic-guided procedures**
N. Damjanov, Belgrade - SR
- 08.55 - 09.20 **US in arthritis and OA: from inflammation to structural damage lesions**
P. Mandl, Wien - AU
- 09.20 - 09.45 **US findings vs Clinical findings: Who is the winner?**
G. Filippou, Siena - IT

Chair: A. Iagnocco, Roma - IT

- 09.45 - 10.10 **US or MRI?**
M.A. Cimmino, Genova - IT
- 10.10 - 10.30 *Coffee Break*
- 10.30 - 10.50 **Imaging of rheumatic diseases: spondyloarthritis and rheumatoid arthritis**
S. D'Angelo, Potenza - IT
- 10.50 - 11.10 **Imaging of Rheumatic diseases: osteoarthritis and crystal arthropathies**
G. Filippou, Siena - IT
- 11.10 - 13.00 **Workshop 8: Supervised hand-on-scanning of patients with different rheumatic diseases**
Faculty and Supervisors
- 13.00 - 13.10 **Final remarks**
A. Iagnocco, Roma - IT

Scientific Secretariat and Provider ECM



Società Italiana di Reumatologia
Via Turati, 40
20121 Milano
segreteria.sir@reumatologia.it
www.reumatologia.it

Course coordinator: Annamaria Iagnocco

The Course has been endorsed by the Italian Society for Rheumatology
Registration will be open to all EULAR Member Countries
Participants will give their formal evaluation of the course
The sponsors will not have any influence on the programme, its content or speakers

Accreditation

For the Italian participants the course will be accredited by the Italian Ministry of Health, in relation with the Italian Continuing Medical Educational program (ECM).

Objectives

- to learn the indications and limits of musculoskeletal (MS) ultrasound (US) in rheumatology
- to learn sonoanatomy and identify different musculoskeletal structures in healthy subjects by US
- to learn standard scans in different anatomic areas according to EULAR guidelines
- to learn ultrasound-detectable abnormalities in rheumatology

Main topics

Applications, indications and limits of MSUS in rheumatology; US physics and technology; US patterns of MS structures; MSUS artifacts; appropriate use and positioning of the probe; US settings and B-mode/Doppler optimization; standard scans of the shoulder, elbow, wrist, hand, hip, knee, ankle and foot; basic US pathology (tendinosis, tenosynovitis, tendon lesions, enthesopathy, enthesitis, bursitis, cortical abnormalities, calcifications, cartilage abnormalities, joint effusion, synovial hypertrophy, synovitis); interpretation of US images; US report and documentation; US diagnosis; basic skills in US-guided procedures.

Workshops (small groups, with supervisor)

- US Setting
- Sonoanatomy
- Standard scans of the shoulder, elbow, wrist, hand, hip, knee, ankle and foot in healthy subjects
- Training in elementary US basic lesions.

Organizing Secretariat



AIM Group International Milan Office

Via G. Ripamonti, 129
20141 Milano
Tel. +39 02 566011
Fax +39 02 70048578
corsisir2017@aimgroup.eu

Course Venue

Starhotels Metropole
Via Principe Amedeo, 3
00185 Roma - Italy

Registration Desk

The Organizing Secretariat will be available on-site from March 2 to March 4, as follows:

Thursday, March 2	13.00 - 20.30 hrs
Friday, March 3	08.00 - 20.00 hrs
Saturday, March 4	08.00 - 14.00 hrs

Language

The official language of the Course will be 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 FOR SIR MEMBERS DOCTORS (dinners and accommodation excluded): **€ 425,00**
- REGISTRATION FEE FOR NON-SIR MEMBERS AND FOREIGN DOCTORS (dinners and accommodation excluded): **€ 850,00**
- FULL REGISTRATION FEE FOR SIR MEMBERS DOCTORS: **€ 550,00**
- FULL REGISTRATION FEE FOR NON-SIR MEMBERS AND FOREIGN DOCTORS: **€ 1.100,00**
- FULL REGISTRATION FEE FOR ITALIAN TRAINEES IN RHEUMATOLOGY (free registrations are reserved for trainees attending the 3rd academic year only): **FREE**

The registration fee includes:

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

The full registration fee includes:

participation in the scientific sessions, course kit, certificate of attendance, lunch, coffee breaks, social dinner and 2 nights accommodation (double room for Italian Trainers, single room for SIR members, SIR NON-members and foreign).

The registration fee does not include travel expenses.

REGISTRATION FORM

MUSCULOSKELETAL ULTRASOUND IN RHEUMATOLOGY

Rome, March 2-4, 2017

Please complete in capital letters and return to the Organising Secretariat AIM Group International
Via G. Ripamonti 129 - 20141 Milan - Tel. 02.56601.1 - Fax 02 70048578 -
E-mail: corsisir2017@aimgroup.eu

For Italian trainees only: You are kindly requested to attach the University certificate (including your current academic year) as resident in training duly signed by the Chairman of your Department.

PERSONAL DETAILS (In capital letters):

Family Name/Surname

First Name

Address

City Postal Code/ZIP Country

Tel. Email

Fiscal Code/VAT

INVOICE DETAILS (If different from above):

Institution/Company

Address

City Postal Code/ZIP Country

Fiscal Code/VAT

Email

PURSUANT INFORMATION ON LAW 196/2003

AIM Congress S.r.l., as data controller and/or processor, informs you that any personal data you provide, or any data received by third parties, will be used in connection to your participation to the Congress and/or to provide you with information regarding any other compatible activities organized by any other company affiliated to the group (the "AIM Group"), to which AIM Congress Srl itself is affiliated, and which are also located in other European countries. Data treatment shall mean any operation, or set of operations, carried out with or without the help of electronic or automated means, and must guarantee the confidentiality and security of your personal data. AIM Congress S.r.l., as data controller and/or processor may avail itself or any other company affiliated to the AIM Group, also located in other European countries, to carry out any of the following procedures: press releases, communications to clients, data processing and computer-based consultation. The data can be communicated to scientific associations, relative public or private agencies related to CME, financial and banking intermediaries, as well as companies participating in the Congress with promotional functions compatible with the purposes for which the data has been collected. The provision of your personal data for purposes related to the execution of tasks relating to your participation in the Congress is obligatory, but refusal will prevent your participation to the Congress. Otherwise, said provision aimed at sending free documentation for other initiatives of AIM Congress S.r.l. or other companies affiliated to the AIM Group is optional, but failure will not be informed on future CME training events conducted by the AIM Group. Under section 7 of the Legislative Decree no. 196 of 30 June 2003 you have the right to object to the processing of your personal data for the purposes relevant to the collection, for purposes of sending advertising materials or direct selling or else for the performance of market or commercial communication surveys. Any requests can be addressed to: AIM Group - AIM Congress S.r.l. - Rome office, Via Flaminia, 1068 - 00189 Rome, Italy.

I authorize the treatment and communication of my personal data as described above

Date

Signature

MUSCULOSKELETAL ULTRASOUND IN RHEUMATOLOGY

Rome, March 2-4, 2017

Registration Fee (VAT 22% included):

- | | |
|---|------------|
| <input type="checkbox"/> Registration fee for SIR members doctors | € 425,00 |
| <input type="checkbox"/> Registration fee for non-SIR members and foreign doctors | € 850,00 |
| <input type="checkbox"/> Full registration fee for SIR members doctors | € 550,00 |
| <input type="checkbox"/> Full registration fee for non-SIR members and foreign doctors | € 1.100,00 |
| <input type="checkbox"/> Full registration fee for Italian trainees in rheumatology
<i>(free registrations are reserved for trainees attending the 3rd academic year only)</i> | € FREE |

For Italian trainees only: You are kindly requested to attach the University certificate (including your current academic year) as resident in training duly signed by the Chairman of your Department.

Bank transfer:

TO

AIM Italy srl – Milan Office

BANK

Banca INTESA-SANPAOLO

Viale Coni Zugna 62 – Milano

IBAN IT57D 03069 09457100000005623 - BIC: BCITITMM

REASON OF PAYMENT

Course SIR Roma Musculoskeletal

Please send the copy of bank transfer by email to: corsisir2017@aimgroup.eu

Credit Card details

Holder

Number

Date of expiry

CVC

Scientific Secretariat and Provider ECM



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Organising Secretariat



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