



# Rheumatologic Semeiotics 2.0

Imaging implementation in Clinical Practice

With the Patronage

Collegio  
Reumatologi Italiani  
**CRel**

**SI**  
Società Italiana  
di Reumatologia

MILAN  
22-23 February 2024

Under the aegis of



International Society for  
**Ultrasound in Rheumatology**  
[www.rheumaultrasound.org](http://www.rheumaultrasound.org)

IRCCS Ospedale Galeazzi - Sant' Ambrogio  
Via Cristina Belgioioso 173

Chairs of the course:  
*Georgios Filippou, Piercarlo Sarzi Puttini*

Under the aegis of



International Society for  
Ultrasound in Rheumatology  
[www.rheumaltrasound.org](http://www.rheumaltrasound.org)



# Rheumatologic Semeiotics 2.0

Ultrasound (US) has demonstrated to play an important role in the diagnosis and follow up of patients with musculoskeletal diseases but its applications in the rheumatological field are rapidly expanding also beyond the strict use for the assessment of joint and periarticular disorders, moving to the assessment of extra-articular involvement (for example salivary gland damage) and vascular inflammation.

This imaging tool can be used directly by rheumatologists during patient evaluations, as a real-time “bedside” approach, thereby enhancing diagnostic accuracy and reducing the time between diagnosis and the initiation of appropriate treatment, that is crucial for most of the rheumatological diseases.

However, the implementation of US in daily clinical practice is still limited mainly due to the lack of trained personnel.

Moreover, due to physical and technical limitations US cannot provide adequate information on every clinical question. Integrated imaging (MRI, CT and conventional radiography) should be chosen in those cases in order to add to the clinical puzzle the missing pieces.

This course is designed to deliver a cutting-edge update on the applications of US and integrated imaging in Rheumatology, targeting both rheumatologists with ultrasound expertise and those without, providing pragmatic guidance on how to optimize the use of ultrasound and imaging for the clinical evaluation of rheumatologic patients. It encompasses a comprehensive examination of both inflammatory and non-inflammatory rheumatologic conditions and includes practical imaging sessions, that should increase confidence for the use of US (and integrated imaging) in daily clinical practice and for research purposes.

# FACULTY

## Chairs of the Course:

*Georgios Filippou, Milano*  
*Piercarlo Sarzi Puttini, Milano*

## Scientific Secretariat:

*Silvia Sirotti, Milano*  
*Francesco Porta, Pistoia*  
*Florentin Vreju, Craiova*

*Antonella Adinolfi, Milano*  
*Domenico Albano, Milano*  
*Xenofon Baraliakos, Bochum*  
*Fabio Becce, Losanna*  
*Roberto Caporali, Milano*  
*Christian Dejaco, Bolzano*  
*Maria Antonietta D'Agostino, Roma*  
*Emilio Filippucci, Jesi*  
*Peter Mandl, Vienna*

*Ingrid Moller, Barcellona*  
*Esperanza Naredo, Madrid*  
*Goran Radunovic, Belgrado*  
*Wolfgang Schmidt, Berlino*  
*Carlo Alberto Scirè, Milano*  
*Luca Maria Sconfienza, Milano*  
*Lene Terslev, Copenhagen*  
*Alen Zabotti, Udine*

# DAY 1 22 February 2024

08.45 Welcome coffee and course presentation  
R. Crugnola G. Filippou, P. Sarzi Puttini

## OPENING LECTURE

09.00 How and why Imaging can change your (rheumatological) life: my experience with an evidence based approach  
X. Baraliakos

## MICROCRYSTALLINE ARTHRITIS AND OSTEOARTHRITIS

Chairs: F. Becce, G. Filippou

09.30 Gout and CPPD: classification criteria and criticisms - S. Sirotti

09.50 CPPD: challenges from diagnosis to follow up and added value of US - G. Filippou

10.10 DISCUSSION

10.20 COFFEE BREAK

10.40 Gout: challenges from diagnosis to follow up and added value of US - E. Filippucci

11.00 Gout and CPPD: traditional imaging and advanced imaging - What's new - F. Becce

11.20 DISCUSSION

11.30 TRAINING SESSION US (HANDS-ON)  
Diagnosis and monitoring of patients with microcrystalline arthritis - G. Filippou, E. Filippucci, S. Sirotti

13.00 LUNCH

13.50 Diagnosis and treatment of Osteoarthritis: from guidelines to real life - F. Vreju

14.10 US guided procedures for the treatment of axial pain in OA. Techniques and medications - F. Porta

14.30 DISCUSSION

## EXTRA-ARTICULAR INVOLVEMENT IN RHEUMATIC DISEASES AND IMAGING

Chairs: L. Terslev, L.M. Sconfienza

14.40 Sjogren's syndrome - L. Terslev

15.00 Large Vessel Vasculitis - W. Schmidt

15.20 Polymyalgia Rheumatica - C. Dejaco

15.40 Pain in Rheumatic diseases: where imaging fails - P. Sarzi Puttini

16.00 DISCUSSION

16.15 TRAINING SESSION (PLENARY)  
challenging cases of LVV and optimising imaging for diagnosis and follow up - W. Schmidt

16.45 COFFEE BREAK

## ROUND TABLE AND HAPPY HOUR

Chairs: F. Vreju, E. Naredo

17.00 Implementation of US for diagnosis in daily clinical practice. The RADIAL study - A. Adinolfi

17.20 Patients perception of the utility of US in Rheumatology - E. Naredo

17.40 Organisation models for the implementation of US in outpatients and inpatients clinics - G. Radunovic

18.00 PLENARY DISCUSSION

18.15 Conclusions Day 1



## CHRONIC INFLAMMATORY ARTHRITIS

**Chairs:** R. Caporali, P. Sarzi Puttini

- 09.00 Diagnosis, treatment and monitoring of Rheumatoid Arthritis and Psoriatic Arthritis: guidelines update - R. Caporali
- 09.20 Rheumatoid Arthritis: Added value of US in diagnosis and monitoring - E. Naredo
- 09.40 Psoriatic Arthritis: Added value of US in diagnosis and monitoring - M.A. D'Agostino
- 10.00 Monitoring of structural damage with imaging in RA and PsA - P. Mandl
- 10.20 **DISCUSSION**
- 10.35 **COFFEE BREAK**
- 10.55 Spondyloarthritis: understanding enthesitis and dactylitis - I. Moller
- 11.15 **DISCUSSION**
- 11.20 **TRAINING SESSION US (HANDS-ON)**  
US for diagnosis and monitoring of RA and PsA  
A. Adinolfi, G. Filippou, S. Sirotti
- 13.00 **LUNCH**

**Chairs:** G. Filippou, F. Porta

- 14.00 Difficult to treat RA: PROs, clinimetrics and imaging - C. Scirè
- 14.20 Early Spondyloarthritis and very Early PsA: implications in clinical practice - A. Zabotti
- 14.40 Imaging in the diagnosis and follow up of axial involvement - L.M. Sconfienza
- 15.00 **DISCUSSION**
- 15.15 **TRAINING SESSION (PLENARY)**  
Axial imaging in SpA (including differential diagnosis and monitoring)  
D. Albano, L.M. Sconfienza
- 16.30 Conclusions and closing remarks

## VENUE

IRCCS Ospedale Galeazzi - Sant'Ambrogio  
Via Cristina Belgioioso 173 - 20161 Milano (MI)

PROVIDER ECM (ID N. 275)  
E SEGRETERIA ORGANIZZATIVA

## ECM - Educazione Continua in Medicina

ID E.C.M. n° 275-398367 Ed. 1  
Crediti Formativi E.C.M.: n. 13

Professione: MEDICO CHIRURGO

Discipline: Reumatologia, Allergologia e Immunologia Clinica, Medicina Fisica e Riabilitazione, Medicina Interna, Ortopedia e Traumatologia, Radiologia, Radiodiagnostica

Numero massimo dei partecipanti: 30

Durata formativa: 13 ore

Obiettivo formativo: 3 - Documentazione clinica.

Percorsi clinico-assistenziali diagnostici e riabilitativi, profili di assistenza - profili di cura.

**info  
&med**  
informazione &  
formazione &  
medicina

Via San Gregorio, 12  
20124 MILANO (Italy)  
Tel. +39 02 83524005  
annamaria.murro@infomed-online.it  
www.infomed-online.it

## Registrations

All costs +VAT 22%

### REGISTRATION FEES

▪ **Specialist Physician** € 250,00

▪ **Fellows in rheumatology**  
▪ **General practitioners** € 100,00

**with Hotel accomodation** € 1.000,00

### The fees include:

- Registration for the conference  
- Conference kit  
- Coffee breaks and lunch

- Registration for the conference  
- Conference kit  
- Coffee breaks and lunch  
- n. 2 nights type: Dus - Hotel 4\* - (In: 21/02 Out: 23/02)  
- n. 1 social dinner

\* Travel and transfer not included (to be quoted)

Frame the QRcode to proceed with the request register  
or connect to the following link:

<https://infomed-ecm.it//event/565/showCard>



Con il contributo non condizionante di

abbvie

accord  
We make it better

Biogen

Galápagos  
Pioneering for patients

Janssen  
PHARMACEUTICAL COMPANIES OF  
Johnson & Johnson

LABOREST® Lilly

NOVARTIS

SAMSUNG

SANDOZ

ucb Inspired by patient  
Driven by science

Si ringrazia per la fornitura degli ecografi

**SAMSUNG**