



**MUSCULOSKELETAL ULTRASOUND COURSE FOR RHEUMATOLOGISTS**  
**BASIC LEVEL**  
**BUCHAREST, ROMANIA**  
**27-29.APRIL.2017**

**COURSE DIRECTORS:**

Annamaria Iagnocco

Mihai Bojinca

**VENUE AND DATES:**

**Double Tree by Hilton**

Nerva Traian Bd., 3A, Sector

031041, Bucharest, Romania

Between the 27<sup>th</sup> and 29<sup>th</sup> of April 2017

Course opening: Thursday, 27<sup>th</sup> April 2017 at 12:45 hrs

Course closing: Saturday, 29<sup>th</sup> April 2017 at 18:00 hrs

**OFFICIAL LANGUAGE:**

English

This course is endorsed by

**eular**  
fighting rheumatic & musculoskeletal  
diseases together

**FACULTY:**

Prof. Dr. Annamaria Iagnocco (Italy) – Faculty member of EULAR MSUS courses

Prof. Dr. Peter Balint (Hungary) – Faculty member of EULAR MSUS courses

Prof. Dr. Nemanja Damjanov (Serbia) – Faculty member of EULAR MSUS courses

Dr. Emilio Filippucci (Italy) – Faculty member of EULAR MSUS courses

Dr. Georgios Filippou (Italy) – Faculty member of EULAR MSUS courses

Dr. Francesco Porta (Italy) – Faculty member of EULAR MSUS courses

Dr. Zunaid Karim (Great Britain) - Faculty member of EULAR MSUS courses

Dr. Violeta Vlad – TTT (Romania), tutor in EULAR MSUS courses

Dr. Mihaela Micu – TTT (Romania), tutor in EULAR MSUS courses

Dr. Florin Vreju – TTT (Romania), tutor in EULAR MSUS courses

Dr. Mihai Bojinca – TTT (Romania)

Dr. Teodora Serban – TTT (Romania)

Dr. Iulia Satulu – TTT (Romania)

**CONTACT PERSON:**

Teodora Serban

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+40744421985

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**PRESENTATION:**

Ultrasonography gained an important role in the current rheumatologic practice. It is clear now that ultrasonography is an indispensable tool for rheumatologists. It is also clear that the first steps in learning ultrasonography are the steps that define the further evolution of a rheumatologist in this field. This is why we propose a Basic Ultrasonography Course with renowned experts to train you in the fascinating field of ultrasonography. This is also a mandatory step for you to evolve in this field. So we are looking forward to seeing you in this course!

## **OBJECTIVES:**

This Basic Ultrasonography Course aims to give the participants the opportunity to learn the ultrasound scanning technique, sonoanatomy and the basic MSUS lesions and abnormalities. This will happen under the close supervision and guidance of rheumatology ultrasound experts.

## **WORKSHOPS:**

The theoretical sessions will be accompanied by live demonstrations of the informations presented during the sessions. They will also be followed by sessions of hands-on training in which expert sonographers will train the participants in obtaining the best results and reporting them.

## **PARTICIPANTS:**

We are expecting a minimum of 30 participants, while limiting the number to 60 participants.

For the practical sessions the participants will be divided in small groups (no more than 6 persons/group).

Participants have to meet the EULAR criteria for attending Basic MSUS courses – previous completion of the EULAR Online Introductory US course is mandatory.

The course will be opened for registration for all EULAR member countries.

The certificate for attending the EULAR Online Introductory US course will be sent to Teodora Serban (e-mail: [teodoramazdrag@yahoo.com](mailto:teodoramazdrag@yahoo.com)) prior to the registration for the course.

## **COURSE EVALUATION:**

At the end of the course all the participants will be asked to fill in an evaluation form regarding the educational content, teaching capability, course organization and venue.

## **ACCREDITATION PROCESS:**

This course will be accredited with 12 EMC points by the Health Council of Romania.

**SPONSORSHIP:**

The course will be sponsored by pharmaceutical companies. Ultrasound manufacturers will provide the necessary equipment for the course, free of charge. Neither the pharmaceutical companies nor the US manufacturers will interfere with the course's program, content or speakers.

**REGISTRATION:**

**Participation fee:** 800 EURO

Fee includes participation tax and access to all coffee brakes and lunches for the duration of the course.

**Registration, booking and payment:**

Should be made through the execution of the travel agency:

**ROMANIA TRAVEL PLUS**

Address: 56 Tudor Stefan Street, district 1, Bucharest, 011658

Phone: 0040 21 230 42 82

Fax: 0040 21 230 50 42

Mobile: 0040 723 516 906

Email: [marina@rotravelplus.com](mailto:marina@rotravelplus.com)

Website: <http://www.rotravelplus.com/>

**Bank details:**

ING Bank

IBAN RON: RO80 INGB 0001 0001 3596 8946

IBAN EUR: RO46 INGB 0001 0001 3596 0731

SWIFT (BIC): INGBROBU

## **PROGRAM:**

### **27 APRIL 2017**

12:45-13:00 – Official opening

13:00-13:30 – History, application, indications and limitations of MSUS in rheumatology  
– Mihai Bojinca

13:30-14:00 – Ultrasound physics, technology, artefacts and pitfalls – Violeta Vlad

14:00-14:30 – Holding the probe and optimizing the gray-scale settings – Nemanja Damjanov

14:30-15:00 – Coffee break

15:00- 15:30 – Sonoanatomy of normal musculoskeletal tissue: bone, cartilage, ligament, tendon, muscle, adipose tissue and skin – Iulia Satulu

15:30-16:00 – Basic MSUS abnormalities (OMERACT definition) and appearance – Annamaria Iagnocco

16:00-16:15 – Coffee break

16:15-16:45 – Image documentation and reporting ultrasound findings – Mihaela Micu

16:45-18:00 – Practical: setting up/normal MSUS, supervised handling of the probe, machine settings – All Faculty

### **28 APRIL 2017**

09:00-09:45 – Sonoanatomy, standardized scan and basic pathology: shoulder – Georgios Filippou (+live demo – Emilio Filippucci)

09:45-11:15 – Practical: shoulder – All Faculty

11:15-11:30 – Coffee break

11:30-12:00 – Sonoanatomy, standardized scan and basic pathology: elbow – Teodora Serban (+live demo – Iulia Satulu)

12:00-13:15 – Practical: elbow – All Faculty

13:15-14:15 – Lunch

14:15-15:00 – Sonoanatomy, standardized scan and basic pathology: hand and wrist – Francesco Porta (+live demo – Georgios Filippou)

15:00-16:30 – Practical: hand and wrist – All faculty

16:30-16:45 – Coffee break

16:45-17:15 – Sonoanatomy, standardized scan and basic pathology: hip – Emilio Filippucci (+live demo – Zunaid Karim)

17:15-18:30 – Practical: hip – All Faculty

## **29 APRIL 2017**

08:30-09:30 – Sonoanatomy, standardized scan and basic pathology: knee – Zunaid Karim (+live demo – Francesco Porta)

09:30-11:00 – Practical: knee – All Faculty

11:00-11:30 – Coffee break

11:30-12:30 – Sonoanatomy, standardized scan and basic pathology: ankle and foot – Florin Vreju (+live demo – Teodora Serban)

12:30-14:00 – Practical: ankle and foot – All Faculty

14:00-15:00 – Lunch

15:00-16:00 – Clinical application of MSUS in various arthritides – Peter Balint

16:00-16:15 – Coffee break

16:15-18:00 – Practical: scanning patients of basic pathology (synovitis, synovial hypertrophy, effusion, tenosynovitis, bursitis) – All Faculty