1st Rheumaultrasound Hands-on Sonography Course – MSUS First Level

Craiova, ROMANIA

13 – 15 October 2022

Our Partners:

ORGANISATION & COMMITTEE

Scientific Organisers

- Florentin Vreju (Romania)
- Francesco Porta (Italy)
- Emilio Filippucci (Italy)

Faculty Members

- Claudiu Avram (Romania, Timisoara)
- Florian Berghea (Romania, Bucharest)
- Mihai Bojinca (Romania, Bucharest)
- Stefan Dinescu (Romania, Craiova)
- Georgios Filippou (Italy, Milano)
- Emilio Filippucci (Italy, Ancona)
- Daniela Fodor (Romania, Cluj Napoca)
- Razvan Ionescu (Romania, Bucharest)
- Peter Mandl (Austria, Wien)
- Anca Musetescu (Romania, Craiova)
- Ionut Pintilie (Romania, Piatra Neamt)
- Francesco Porta (Italy, Florence)
- Simona Rednic (Romania, Cluj Napoca)
- Nicolae Rednic (Romania, Cluj Napoca)
- Goran Radunovic (Serbia, Belgrade)
- Plamen Todorov (Bulgaria, Plovdiv)
- Florentin Vreju (Romania, Craiova)

COURSE DESCRIPTION

The **First Level Course** will focus on a wide spectrum of each joint region (i.e. shoulder, elbow, wrist & hand, hip, knee, ankle& foot)

For more details, please follow this link: https://www.rheumaultrasound.org/
More information will be available soon.

Learning objectives

- To understand the ultrasonography (US) physics, technology, settings and artefacts.
- To know the application, indications and limitations of US in Rheumatology.
- To identify the structures in anatomic areas (e.g. shoulder, elbow, wrist & hand, hip, knee, ankle& foot).

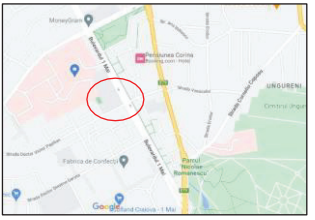
To note: during workshops, all 42 participants will be involved in supervised hands-on sessions, in 6 stations.

GENERAL INFORMATION

Course venue

UMF Craiova – Research Centre for Rheumatology

Bld 1 Mai, nr 66



Course dates

13-15 October 2022

Official language

English

Maximum participants

42

Certification

After the course, all participants who have successfully completed the course will receive a certificate of attendance. 100% course attendance is required.

Detailed Programme

Day 1 – 13th October 2022 [First Level]

Time	Lectures/ Workshops	Faculty
11:00 – 13:00	Check In & Registration	
13:00 – 14:30	LUNCH	
14:30 – 15:00	**Welcome and overview** • Role of ultrasound in rheumatology (15 min) • Objectives and content of the course (15 min)	Simona Rednic F. Vreju, F Porta
	Chairs: Goran Radunovic, Florian Berghea	
15:00 – 15:15	**History, development, and physics of MSUS** • Technical characteristics of US equipments appropriate for rheumatic and musculoskeletal Diseases Holding the probe. B-mode settings optimization. B-mode artefacts and pitfalls	Goran Radunovic
15:15 – 15:40	**US appearance of the musculoskeletal structures** • Tendons, muscles, ligaments, nerves, articular cartilage, joint space, joint recesses, joint capsules, and bone profile	Florian Berghea
15:40 – 16:10	COFFEE BREAK	
16:10 – 17:40	**Workshop [Models] – all 42 participants** • Supervised handling of the probe • US appearance of structures (i.e. tendons, muscles, ligaments, nerves, articular cartilage, joints, and bone profile). • B-mode artefacts and pitfalls	Faculty & tutors 1) M Bojinca 2) R Ionescu 3) C Avram 4) F Porta 5) A Musetescu 6) S Dinescu
19:30	**Dinner – Ramada Hotel**	

International Society for Ultrasound in Rheumatology

Societatea Română de Reumatologie

Centrul de Artrită Precoce Craiova

Day 2 - 14th October 2022 [First Level]

Time	Type of session & Title	Speakers
	Chairs: Georgios Filippou, Mihai Bojinca	
08:30 – 09:15	**Basic abnormalities -** joint effusion and synovial hypertrophy, tenosynovitis, enthesopathy, tendon rupture,bursitis, calcifications, bone abnormalities, cartilage damage)	Nicolae Rednic
09:15 – 09:45	**Application, indications, and limitations of MSUS** in rheumatic and musculoskeletal diseases **Lecture**	Mihai Bojinca
09:45 – 10:20	• Msk anatomy of the **shoulder** (15min) • Standardised scanning of the **shoulder** (20 mins)	Claudiu Avram Georgios Filippou
10:20 – 10:50	COFFEE BREAK	
10:50 – 12:10	**Workshop – all 42 participants** • Supervised standardised scanning of the **shoulder** (models)	Faculty &Tutors 1) M Bojinca 2) P Mandl 3) E Filippucci 4) G Filippou 5) N Rednic 6) F Vreju
12:10 – 13:30	LUNCH	
	Chairs: Emilio Filippucci, Florentin Vreju	
13:30 – 14:00	**Lecture** • Msk anatomy of the **elbow** and standardised scanning of the **elbow** (30 mins)	Florentin Vreju
14:00 – 14:40	**Lecture** • Msk anatomy of the **wrist & hand** (20 mins) • Standardised scanning of the **wrist & hand** (20 mins)	Razvan Ionescu Emilio Filippucci
14:40 – 15:10	COFFEE BREAK	

15:10 – 16:30	**Workshop – all 42 participants** • Supervised standardised scanning of the **elbow** (models)	Faculty & Tutors 1) F Vreju 2) P Todorov 3) R Ionescu 4) F Porta 5) G Filippou 6) P Mandl
16:30 – 17:50	**Workshop – all 42 participants** • Supervised standardised scanning of the **wrist & hand** (models)	Faculty & Tutors 1) E Filippucci 2) N Rednic 3) F Porta 4) G Filippou 5) F Vreju 6) S Dinescu
20:00	**Dinner – Galaxy Restaurant**	

Day 3 - 15th October 2022 [First Level]

Time	Type of session & Title	Speakers
	Chairs: Peter Mandl, Francesco Porta	
08:30 – 09:05	**Lecture** • Msk anatomy of the **ankle and foot** (15 mins) • Standardised scanning of the **ankle and foot** (20 mins)	Ionut Pintilie Peter Mandl
09:05 – 09:40	**Lecture** • Msk anatomy of the **knee** (15 mins) • Standardised scanning of the **knee** (20 mins)	Anca Musetescu Francesco Porta
09:40 – 10:10	COFFEE BREAK	

10:10 – 11:30	**Workshop – all 42 participants** • Supervised standardized scanning of **ankle and foot** (models)	Faculty & Tutors 1) E Filippucci 2) G Radunovic 3) C Avram 4) A Musetescu 5) I Pintilie 6) P Mandl
11:30 – 12:50	**Workshop – all 42 participants** • Supervised standardized scanning of the **knee** (models)	Faculty & Tutors 1) R Ionescu 2) G Radunovic 3) F Berghea 4) A Musetescu 5) G Filippou 6) P Mandl
	Chairs: Plamen Todorov, Razvan Ionescu	
12:50 – 13:10	**Lecture** • Msk anatomy of the hip and standardised scanning of the **hip** (20 mins)	Daniela Fodor
13:10 – 13:50	**Workshop – all 42 participants** • Supervised standardized scanning of the **hip** (models)	Faculty &Tutors 1) I Pintilie 2) M Bojinca 3) E Filippucci 4) F Porta 5) F Berghea 6) P Todorov
13:50 – 14:20	**Lecture** • Msk anatomy of the spine and standardised scanning of the **spine** (20 mins) • Live demo	Plamen Todorov
14:20 – 14:30	Closing Remarks	
14:30 – 15:30	LUNCH	