



Musculoskeletal Imaging Techniques - Ongoing Sonography
A task force for Greek Rheumatologists

Under the Auspices of



Greek Society of Rheumatology
and Professional Association of Greek Rheumatologists

1st International Musculoskeletal Ultrasound Course - basic level

6 - 8 November, 2014
Royal Olympic Hotel
Athens, Greece

scientific
program

Scientifically Endorsed by

eular

1st MUSCULOSKELETAL SONOGRAPHY COURSE FOR RHEUMATOLOGISTS - BASIC LEVEL

Athens, November 6th- 8th, 2014

Musculoskeletal sonography course for rheumatologists, Athens 2014 intends to be a combination of lectures and practical sessions. It is going to be an one-level course - the basic one - consisting of the theoretical talks and supervised hands-on scanning of healthy persons and/or patients with musculoskeletal disorders.

Sponsorship: ABBVIE, UCB, MSD, PFIZER, GE, ESAOTE, SIEMENS, PHILIPS. Total amount of sponsorship will not exceed 40% of total cost for the Course. General Electric Health Care, Esaote, Siemens and Philips will provide ultrasound equipment free of charge. Sponsorships will cover part of travel and accomodation expences for the faculty, Course venue and organization costs. Sponsors will not have any influence on the course program, scientific and other content, or spekers in any way.

The course will be granted with **12 CME-CPD credits** according to the PANHELLENIC MEDICAL ASSOCIATION.

Registration is intended to be opened to all EULAR member countries. Participants registering for the basic MSUS course endorsed by EULAR will have priority if they have already participated in the **EULAR Online Introductory US course**.

Participation & Accommodation fees

This 3-day Course fee will be **800 euros** per participant (covers admission to all conference sessions, conference kit, conference session materials, certificate of attendance and certificate of 12 CME credits, coffee breaks, as specified in the program, 3 light lunches, 2 dinners). If accommodation is needed, the total course price will be increased by **100 euros** per day for a single room or **150 euros** for a double occupancy room, including Breakfast.

ORGANIZATION AND COMMITTEE

Scientific Director

Prof. Annamaria Iagnocco

Rheumatology Unit,

Dipartimento di Medicina Interna e Specialità Mediche,

Sapienza Università di Roma, Roma, Italy

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Local Organizer:

M.I.T.O.S. (Musculoskeletal Imaging Techniques:

Ongoing Sonography- a Task Force for Greek Rheumatologists)

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Scientifically Endorsed by

The European League Against Rheumatism (**EULAR**)

Under the Auspices of

Greek Society of Rheumatology and Professional Association of Greek
Rheumatologist

GENERAL INFORMATION

- Course opening** Thursday, November 6th, 2014- h 12.00
Course closing Saturday, November 8th, 2014- h 16:30
Participants The number of participants is limited to 48
Official language The Course's Official language is English
- Congress Venue** Hotel Royal Olympic
28-34 Ath. Diakou, 117 43, Athens, Greece

Contact and Secretariat:

Professional Conference Organizer (P.C.O.),
Destination Management Company (D.M.C.)

KEGM: Congress world

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115 28 Athens,Greece

Phone: +30 210 7210001; +30 210 72 10 052

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web: <http://www.congressworld.gr>

Entering test of knowledge and final test of knowledge will be performed. Formal evaluation of the course will be performed by all attendees at the end of each course day.

The speakers will come from major European musculoskeletal ultrasound research centers and are rheumatologists mostly involved in previous EULAR courses. The contacted faculties are:

Faculty:

Esperanza Naredo, Spain
Peter Balint, Hungary
Nemanja Damjanov, Serbia
Annamaria Iagnocco, Italy
Francesco Porta, Italy
Dimitris Karokis, Greece
Ioannis Raftakis, Greece
Georgios Kampakis, Greece
Spyros Nikas, Greece
Amalia Raptopoulou, Greece
Caterina Siagkri, Greece
Giasna G. Kakavouli, Greece

Instructors:

Francesco Porta, Italy
Slavica Prodanović, Serbia
Goran Radunović, Serbia
Dimitris Karokis, Greece
Ioannis Raftakis, Greece
Spyros Nikas, Greece
Georgios Kampakis, Greece
Amalia Raptopoulou, Greece
Caterina Siagkri, Greece
Giasna G. Kakavouli, Greece

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BASIC LEVEL

OBJECTIVES:

- To learn technical characteristics and setting of ultrasound equipment for rheumatology.
- To learn the systematic standardized sonographic scanning method of each anatomical region, according to the EULAR guidelines.
- To learn basic normal musculoskeletal ultrasonographic (MSUS) anatomy.
- To learn basic pathological MSUS findings.

MAIN TOPICS:

- Ultrasound physics and technology, technical characteristics of ultrasound equipments in rheumatology, applications, indications and limitations of MSUS.
- MSUS anatomy, artifacts and misinterpretation in MSUS.
- Standardized sonographic scanning method of each anatomical region (shoulder, elbow, wrist and hand, hip, knee, ankle and foot) according to the EULAR guidelines.
- Basic pathological sonographic findings (tendinosis, tenosynovitis, partial and complete tendon tear, entesopathy, bursitis, calcifications, articular cartilage lesions, cortical abnormalities, erosions and joint synovitis).
- Reporting MSUS findings and diagnosis.

WORKSHOPS:

- Practical handling of the ultrasound machine settings.
- Supervised identification of musculoskeletal sonoanatomy.
- Supervised standardized sonographic scanning of the shoulder, elbow, wrist and hand, hip, knee, ankle and foot.
- Supervised hands-on scanning of patients with basic musculoskeletal lesions.

SCIENTIFIC PROGRAM

Thursday, November 6th, 2014

- 12:00-14:00 **Registration**
- 12:00-13:50 **Lunch**
- 13:50-14:00 **Opening Speech**
S. Aslanidis, *President of the Greek Society of Rheumatology*
- 14:00-14:15 **Welcome**
A. Iagnocco, E. Naredo, D. Karokis, DM. Boumpas
- 14:15-14:30 Entering test of knowledge.
S. Nikas
Chairpersons: **A. Iagnocco, A. Raptopoulou**
- 14:30-15:00 History and basic physics of MSUS
A. Raptopoulou
- 15:00-15:30 Technical characteristics and setting of ultrasound equipment for Rheumatology
A. Iagnocco
- 15:30-15:45 **Coffee break**
Chairpersons: **P. Balint, E. Naredo**
- 15:45-16:20 Normal tissue and joint anatomy. US and correlative anatomy and histology
P. Balint
- 16:20-16:45 Basic US lesions: synovitis, bony cortex and cartilage. Definition, detection and quantification
E. Naredo
- 16:45-17:15 Artifacts and misinterpretation in MSUS
F. Porta
- 17:15-18:45 **Workshop**
Supervised practical handling of the ultrasound machine settings. Normal MSUS anatomy
Chairpersons: **E. Naredo, D. Karokis**
- 18:45-19:15 Doppler physics and techniques. Color and Power Doppler settings and its optimization
E. Naredo
- 19:15-20:45 **Workshop**
Hands - on session. The Doppler basics -application
- 21:00 **Dinner**

Friday, November 7th, 2014

Chairpersons: **N. Damjanov, G.G. Kakavouli**

09:00-09:30 Sonographic semiology (tendinosis, tenosynovitis, partial and complete tendon tear, entesopathy, bursitis, calcifications, articular cartilage lesions, cortical abnormalities, erosions and joint synovitis)

N. Damjanov

09:30-10:00 Enthesitis and enthesopathy

P. Balint

10:00-10:30 **Coffee break**

Chairpersons: **A. Iagnocco, C. Siagkri**

10:30-11:00 Standardized scanning of shoulder normal and basic pathological findings

C. Siagkri

11:00-13:00 **Workshop**

**Supervised scanning technique of shoulder.
Normal and basic pathological findings**

Chairpersons: **E. Naredo, J. Raftakis**

13:00-13:30 Standardized scanning of the elbow: normal and basic pathological findings

J. Raftakis

13:30-14:45 **Workshop**

Supervised scanning technique of elbow. Normal and basic pathological findings

14:45-15:45 **Lunch**

Chairpersons: **N. Damjanov, D. Karokis**

15:45-16:15 Standardized scanning of the wrist and hand: normal and basic pathological findings

D. Karokis

16:15-18:30 **Workshop**

**Supervised scanning technique of wrist and hand.
Normal and basic pathological findings**

21:00 **Dinner party**

Saturday, November 8^h, 2014

Chairpersons: **J. Kampakis, P. Balint**

09:00-09:30 Standardized scanning of the hip: normal and basic pathologic findings

G. Kampakis

09:30-10:00 Standardized scanning of the knee: normal and basic pathological findings

G.G. Kakavouli

10:00-11:45 **Workshop**

**Supervised scanning technique of hip and knee.
Normal and basic pathological findings**

11:45-12:15 **Coffee break**

Chairpersons: **G.G. Kakavouli, F. Porta**

12:15-12:45 Standardized scanning of the ankle and foot: normal and basic pathological findings

F. Porta

12:45-13:45 **Workshop**

**Supervised scanning technique of ankle and foot.
Normal and basic pathological findings**

Chairpersons: **A. Iagnocco, N. Damjanov**

13:45-14:15 US Application in Rheumatology

A. Iagnocco

14:15-14:45 Basic skills in sonographic guided arthrocentesis

N. Damjanov

14:45-15:30 **Workshop**

Basic skills in sonographic-guided arthrocentesis

15:30 -15:45 Exit test of knowledge

S. Nikas

15.45-16:30 **Lunch and certificate issuing**

APPLICATION FORM

1st MUSCULOSKELETAL SONOGRAPHY COURSE (Basic level), Athens, November 6th - 8th, 2014

Surname			
First name			
Gender	male <input type="checkbox"/>	female	<input type="checkbox"/>
Date of Birth			
Medical Specialty			
Country			
Contact phone number			
Fax number			
Mobile phone number			
e-mail			
Institution (name and address)			
License Number			
Sponsor contact details (if applicable)			
Please tick appropriately			
<input type="checkbox"/>	REGISTRATION FEE ONLY		
	ACCOMMODATION		
Single room <input type="checkbox"/>	2 nights, arrival 6th- departure 8th of November		<input type="checkbox"/>
Double room <input type="checkbox"/>	1 night, arrival – departure of November		<input type="checkbox"/>

Applicant's Signature

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Application form should be signed and sent by **fax:** +30 210 72 10051
Or scanned and sent by **e-mail:** info@congressworld.gr, reception@congressworld.gr



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