



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

Under the auspices of



Greek Society of Rheumatology
and Professional Association of Greek Rheumatologist

2nd International Musculoskeletal Ultrasound Course

17-19 December 2015
Royal Olympic Hotel

Athens
Greece

General information
and
Course program

Scientifically Endorsed by

eular



2nd MUSCULOSKELETAL SONOGRAPHY COURSE FOR RHEUMATOLOGISTS – BASIC LEVEL

Athens, December 17th- 19th, 2015

Musculoskeletal sonography course for rheumatologists, Athens 2015 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 accommodation expenses for the faculty, Course venue and organization costs. Sponsors will not have any influence on the course program, scientific and other content, or speakers in any way.

The course will be granted with 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

The basic registration fee of 200 euros includes admission to all Conference Sessions, Workshops, Conference kit, Conference session materials, Certificate of Attendance.

If accommodation and meals needed, the total course price will be increased up to 500 euros.

ORGANIZATION AND COMMITTEE

Scientific Director:

Prof. Annamaria Iagnocco

Rheumatology Unit,
Dipartimento di Medicina Interna e Specialità Mediche,
Sapienza Università di Roma, Roma, Italy
e-mail: annamaria.iagnocco1@gmail.com

Local Organizer:

**M.I.T.O.S. (Musculoskeletal Imaging Techniques:
Ongoing Sonography- a Task Force for Greek Rheumatologists)**

FACULTY

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

Faculties:

Esperanza Naredo, Spain

Annamaria Iagnocco, Italy

Peter Balint, Hungary

Nemanja Damjanov, Serbia

Francesco Porta, Italy

Dimitris Karokis, Greece

Ioannis Raftakis, 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

GENERAL INFORMATION

Course opening	Thursday, December 17 th , 2015- h 12.00
Course closing	Saturday, December 19 th , 2014- h 16:30
Participants	The number of participants is limited to 48
Official language	English
Congress Venue:	Hotel Royal Olympic 28-34 Ath. Diakou, 177 43 Athens, Greece

M.I.T.O.S. GROUP

mitos.greek.rheum.us@gmail.com

Address: Caterina Siagkri,
51 Mitropoleos, Thessaloniki – 54623, Greece
e-mail: caterinasiagkri@hotmail.com
phone: +306945776417; +302310250720

Giasna G. Kakavouli,
10 Solomou Street, Katerini – 60100, Greece
e-mail: giasnagiokic@gmail.com
phone: +306944443326; +302351079839

Course Secretariat Synthesis Group S.A.

31 Ag. Varvaras Str.
164 52 Argyroupoli
Athens, Greece
T+ 30 210 9609400,
F+ 30 210 4190905
M+ 30 6937 052 259
Email: tzombola@synthesis-group.gr
Web site: www.synthesis-group.com

**2nd MUSCULOSKELETAL SONOGRAPHY COURSE
FOR RHEUMATOLOGISTS – BASIC LEVEL-**

Athens, December 17th- 19th, 2015

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, December 17th, 2015

- 12:00-14:00 **Registration**
- 12:00-14:00 **Lunch**
- 14:00-14:10 **Opening Speech**
P. Trontzas, President of the Greek Society of Rheumatology
- 14:10-14:25 **Welcome**
A. Iagnocco, E. Naredo, D. Karokis, DM. Boumpas
- 14:25-14:45 Entering test of knowledge
I. Raftakis
Chairpersons: **I. Iagnocco, G.G. Kakavouli**
- 14:45-15:15 History and basic physics of MSUS
S. Nikas
- 15:15-15:45 Technical characteristics and setting of ultrasound equipment for Rheumatology
A. Iagnocco
- 15:45-16:00 **Coffee break**
Chairpersons: **P. Balint, D. Karokis**
- 16:00-16:30 Normal tissue and joint anatomy. US and correlative anatomy and histology
P. Balint
- 16:30-17:00 Basic US lesions: synovitis, bony cortex and cartilage. Definition, detection and quantification
E. Naredo
- 17:00-17:30 Artifacts and misinterpretation in MSUS
F. Porta
- 17:30-19:00 **Workshop:** Supervised practical handling of the ultrasound machine settings, normal MSUS anatomy
Chairpersons: **E. Naredo, I. Raftakis**
- 19:00-19:30 Doppler physics and techniques. Color and Power Doppler settings and its optimization
E. Naredo
- 19:30-21:00 **Workshop:** Hands - on session. The Doppler basics -application
- 21:30 – **Dinner**

SCIENTIFIC PROGRAM

Friday, December 18th, 2015

- 09:00-09:30 Chairpersons: **N. Damjanov, F. Porta**
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 entesopathy
P. Balint
- 10:00-10:30 **Coffee break**
- 10:30-11:00 Chairpersons: **A. Iagnocco, D. Karokis**
Standardized scanning of shoulder normal and basic pathological findings
D. Karokis
- 11:00-13:00 **Workshop:** Supervised scanning technique of shoulder. Normal and basic pathological findings
Chairpersons: **N. Damjanov, A. Raptopoulou**
- 13:00-13:30 Standardized scanning of the elbow: normal and basic pathological findings
A. Raptopoulou
- 13:30-14:45 **Workshop:** Supervised scanning technique of elbow. Normal and basic pathological findings
- 14:45-15:45 **Lunch**
- 15:45-16:15 Chairpersons: **E. Naredo, G. G. Kakavouli**
Standardized scanning of the wrist and hand: normal and basic pathological findings
G. G. Kakavouli
- 16:15-18:30 **Workshop:** Supervised scanning technique of wrist and hand. Normal and basic pathological findings
- 21:00 - **Dinner**

SCIENTIFIC PROGRAM

Saturday, December 18th, 2015

- 09:00- 09:30 Chairpersons: **F. Porta, P. Balint**
Standardized scanning of the hip: normal and basic pathologic findings
F. Porta
- 09:30- 10:00 Standardized scanning of the knee: normal and basic pathological findings
I. Raftakis
- 10:00-11:45 **Workshop:** Supervised scanning technique of hip and knee.
Normal and basic pathological findings
- 11:45-12:15 **Coffee break**
- 12:15-12:45 Chairpersons: **E. Naredo, C. Siagkri**
Standardized scanning of the ankle and foot: normal and basic pathological findings
C. Siagkri
- 12:45-13:45 **Workshop:** Supervised scanning technique of ankle and foot.
Normal and basic pathological findings
- 13:45-14:15 Chairpersons: **A. Iagnocco, G.G. Kakavouli**
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
I. Raftakis
- 15.45 -16:30 **Lunch and certificate issuing**

APPLICATION FORM

2nd MUSCULOSKELETAL SONOGRAPHY COURSE
(Basic Level), Athens, December 17th - 19th, 2015

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	
Single room <input type="checkbox"/>	ACCOMMODATION 2 nights, arrival 17 th - departure 19 th of December 2015 <input type="checkbox"/>
Double room <input type="checkbox"/>	2 nights, arrival 17 th – departure 19 th of December 2015 <input type="checkbox"/>

Applicant's Signature

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Application form should be signed and sent by **fax**: +30 210 4190905
Or scanned and sent by **e-mail**: tzombola@synthesis-group.gr



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