

# Basic and Intermediate Levels

## 6<sup>th</sup> International Musculoskeletal UltraSound Course

28 - 30 Nov 2019  
Athens, Greece



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

[www.synthesispco.com/mitoscourse2019](http://www.synthesispco.com/mitoscourse2019)

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fighting rheumatic & musculoskeletal  
diseases together



## SCIENTIFIC PROGRAM

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**Thursday - November 28<sup>th</sup>, 2019**

- 12:00 - 14:00 **Registration**
- 12:00 - 13:30 **Lunch**
- 13:30 - 13:45 **Welcome**  
**A. Iagnocco, G.G. Kakavouli, D. Boumpas, D. Vasilopoulos**
- 13:45 - 14:00 Entering test of knowledge - Basic Level  
**J. Raftakis**  
Chairpersons: **A. Iagnocco, J. Raftakis**
- 14:15 - 14:45 Technical characteristics and setting of ultrasound equipments for Musculoskeletal diseases  
**J. Raftakis**
- 14:45 - 15:00 **Mini break - hall changing**  
Chairpersons: **F. Porta, A. Bachta**
- 15:00 - 15:25 History and basic physics of MSUS  
**A. Bachta**
- 15:25 - 16:00 Musculoskeletal anatomy. Sonographic pattern of the musculoskeletal tissues  
**P Mandl**
- 16:00 - 16:30 Artifacts and misinterpretation in MSUS  
**F. Porta**
- 16:45 - 17:00 **Coffee break**
- 17:00 - 18:00 **Workshop:** Supervised use of the US equipment and settings
- 18:00 - 19:00 **Workshop:** Supervised Ultrasound assessment of the normal musculoskeletal tissues  
Chairpersons: **A. Iagnocco, D. Karokis**
- 19:00 - 19:30 Application of US in the management of Musculoskeletal Diseases  
**A. Iagnocco**
- 19:30 - 21:00 **Workshop:** Supervised ultrasound scanning in people with Musculoskeletal Diseases
- 21:00 **Dinner**

## SCIENTIFIC PROGRAM

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**Friday, November 29<sup>th</sup>, 2019**

Chairpersons: **A. Iagnocco, G.G. Kakavouli**

- 09:00 - 09:30 Sonographic semiology: US and correlative anatomy and histology: articular cartilage lesions, cortical abnormalities; Basic pathology of tendons and ligaments (tendinosis, calcifications, tears)  
**N. Damjanov**  
**Live demo - A. Delle Sedie**
- 09:30 - 10:00 Basic synovial US lesions: synovitis, synovial hypertrophy, tenosynovitis and bursitis; Definition, detection and quantification  
**A. Iagnocco**
- 10:00 - 10:30 Basic synovial US lesions: Enthesitis and enthesopathy  
**P. Balint**
- 10:30 - 11:00 **Coffee break**
- 11:00 - 12:45 **Workshop:** US semiology: normal and basic pathological findings (abnormalities of hyaline cartilage, cortical bone, synovial membrane, tendons, ligaments, bursae)  
Chairpersons: **N. Damjanov, C. Siagkri**
- 12:45 - 13:15 Standardized scanning of the shoulder normal and basic pathological findings  
**C. Siagkri**  
**Live demo - N. Damjanov**
- 13:15 - 13:45 Standardized scanning of the elbow: normal and basic pathological findings  
**A. Raptopoulou**  
**Live demo - N. Damjanov**
- 13:45 - 14:30 **Lunch**
- 14:30 - 17:00 **Workshop:** Supervised scanning of the shoulder and the elbow. Normal and basic pathological findings  
Chairpersons: **P. Balint, D. Karokis**
- 17:00 - 17:30 Standardized scanning of the wrist and hand: normal and basic pathological findings  
**D. Karokis**  
**Live demo - P. Balint**
- 17:30 - 18:00 Standardized scanning of the hip: normal and basic pathologic findings  
**G. Kampakis**  
**Live demo - P. Balint**
- 20:00 **Dinner**

## SCIENTIFIC PROGRAM

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**Saturday, November 30<sup>th</sup>, 2019**

- 09:00 - 10:45 **Workshop:** Supervised Ultrasound scanning of the hand, wrist and hip.  
Normal and basic pathological findings.
- 10:45 - 11:00 **Coffee Break**  
Chairpersons: **A. Iagnocco, S. Prodanovic**
- 11:00 - 11:30 Standardized scanning of the knee: normal and basic pathological findings  
**J. Raftakis**  
**Live demo - A. Delle Sedie**
- 11:30 - 12:00 Standardized scanning of the ankle and foot: normal and basic  
pathological findings  
**S. Prodanovic**  
**Live demo - A. Delle Sedie**
- 12:00 - 12:30 Image documentation; reporting of US findings  
**G. Radunovic**
- 12:30 - 13:30 **Light lunch**
- 13:15 - 14:45 **Workshop:** Supervised ultrasound scanning of the knee, ankle and foot.  
Normal and basic pathological findings.  
Chairpersons: **G.G. Kakavouli, N. Damjanov**
- 14:45 - 15:15 Basic skills in sonographic guided arthrocentesis  
**N. Damjanov**
- 15:15 - 16:15 **Workshop:** Basic skills in sonographic-guided arthrocentesis
- 16:15 - 16:30 Exit test of knowledge
- 16:30 - 16:45 Closing remarks and certificate issue

## Scientific Director

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## Local Organizer



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## Conference Secretariat:



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