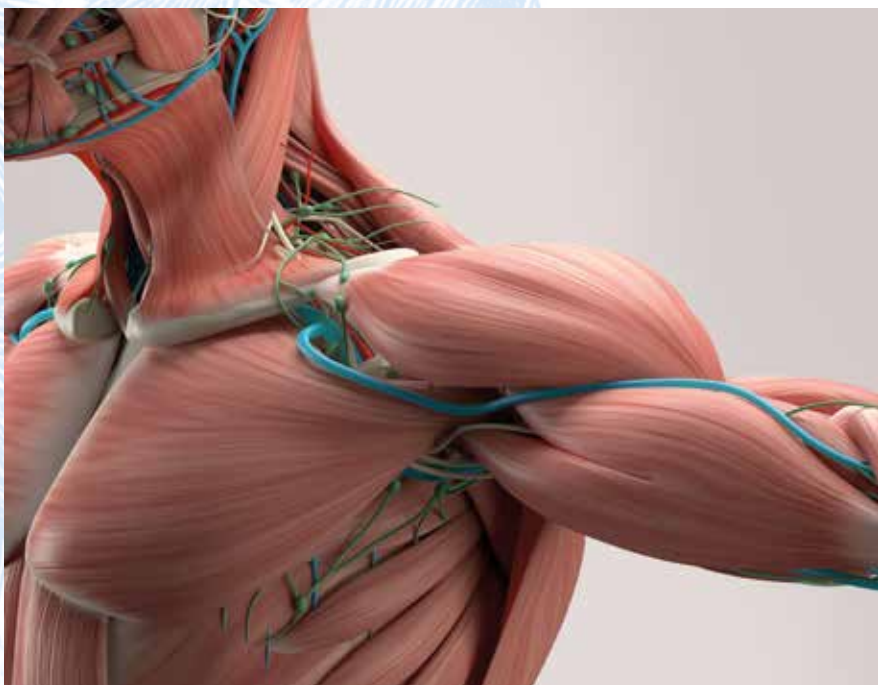


# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

Barcelona,  
September 12-14, 2018



# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## COURSE PRESENTATION

A new concept of interactive, dynamic and multidisciplinary of two-and-a-half-day course for musculoskeletal specialist where workshops represent more than 70% of the learning process. Face to face with the best specialists in new diagnostic and therapeutical techniques.

International faculty from different disciplines interact with participants so that they acquire the following skills:

- Recognize the anatomical structures that are essential for diagnostic and therapeutic interventionism in musculoskeletal conditions
- Perform joint and periarticular soft tissue diagnostic techniques such as biopsy or synovial fluid study
- Perform the local techniques for the treatment of musculoskeletal diseases both at the spinal and peripheral levels

## EDUCATIONAL OBJECTIVES

- Musculoskeletal anatomy and sonoanatomy
- Ultrasound (US)-guided diagnostic and therapeutical musculoskeletal procedures
- Synovial fluid analysis

The focus will be on the following US-guided procedures

- Joints: wrists, MCPJ, IPJ, elbow, shoulder, ankle, knee, hip, MTPJ, sacroiliac, facets, subtalar joint
- Periarticular: bursas, tendons, entheses, fascias
- Botulinum for muscles and Raynaud phenomenon (nerves)
- Nerve blocks
- Calcifications and crystal deposits
- Synovial biopsy

# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## FACULTY

### Steering Committee

Nemanja Damjanov, *Serbia*  
Ingrid Möller, *Spain*  
Esperanza Naredo, *Spain*

### International Board

Carmen Ho, *Hong Kong*  
Maritza Quintero, *Venezuela*

### Course Board

David Bong, *Spain*  
Javier de la Fuente, *Spain*  
Tomas Domingo, *Spain*  
Hilde Berner Hammer, *Norway*  
Stephen Kelly, *UK*  
Juhani Koski, *Finland*  
Peter Mandl, *Austria*  
Victor Mayoral, *Spain*  
Mihaela Micu, *Romania*  
Maribel Miguel, *Spain*  
Alejandro Ortega, *Spain*  
Jordi Palau, *Spain*  
Eliseo Pascual, *Spain*  
Carles Pedret, *Spain*  
Roberta Ramonda, *Italy*  
Lena Terslev, *Denmark*  
Jacqueline Uson, *Spain*

*Invited speakers to be confirmed*



# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## PRELIMINARY PROGRAMME

Wednesday, September 12, 2018

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- 12.30-13.30 **Registration**
- 13.30-14.00 **Opening remarks**
- 14.00-14.30 **US-guided synovial biopsy**  
S. Kelly, UK
- 14.30-18.00 **Workshops on rotation basis:**  
**Synovial biopsy in wrist, elbow, MCPJ/IPJ, knee, MTPJ**  
D. Bong, Spain - N. Damjanov, Serbia - H.B. Hammer, Norway -  
S. Kelly, UK - J. Koski, Finland - P. Mandl, Austria -  
M. Micu, Romania, I. Möller, Spain - E. Naredo, Spain -  
E. Pascual, Spain - L. Terslev, Denmark
- 18.00-19.30 **Analysis of synovial fluid**  
E. Pascual, Spain - R. Ramonda, Italy
- 16.30-17.00 *Coffee break*



# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## PRELIMINARY PROGRAMME

Thursday, September 13, 2018

Morning

- 08.30-10.00 **Anatomy and sonoanatomy of the upper extremity**  
Shoulder: M. Miguel, *Spain* - E. Naredo, *Spain*  
Hand: J. Palau, *Spain*  
Elbow: D. Bong, *Spain* - I. Möller, *Spain*
- 10.00-10.30 **Specific US-guided procedures of the upper extremity: suprascapular and axilar nerve blocks, crystal deposit removal techniques (tendons, bursae), dry-needling procedures (entheses), PRP injections (tendons, joints, ligaments)**  
J. De La Fuente, *Spain* - C. Pedret, *Spain*
- 10.30-11.00 **US-guided microsurgery in upper extremity: carpal tunnel and finger pulleys**  
J. de la Fuente, *Spain*
- 11.00-11.30 *Coffee break*
- 11.30-14.00 **Workshop on upper extremity: detailed anatomy and sonoanatomy; Specific US-guided procedures; US-guided procedures of complex anatomical region; US-guided microsurgery**  
D. Bong, *Spain* - J. De La Fuente, *Spain* - H.B. Hammer, *Norway*  
C. Ho, *Hong Kong* - J. Koski, *Finland* - P. Mandl, *Austria*  
M. Micu, *Romania* - M. Miguel, *Spain* - C. Pedret, *Spain*  
M. Quintero, *Venezuela*
- 14.00-15.00 *Lunch*

# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## PRELIMINARY PROGRAMME

Thursday, September 13, 2018

Afternoon

- 15.00-15.30 **Anatomy and sonoanatomy of the lower extremity**  
Knee: N. Damjanov, *Serbia* - M. Miguel, *Spain*  
Foot and ankle: D. Bong, *Spain* - M. Miguel, *Spain* - I. Möller, *Spain*  
Hip: D. Bong, *Spain* - M. Miguel, *Spain* - I. Möller, *Spain*
- 15.30-16.00 **Specific US-guided procedures of the lower extremity: fascia and muscle hematoma removal, crystal deposit removal techniques (trochanteric), PRP injections (tendons, joints, ligaments)**  
J. de la Fuente, *Spain* - C. Pedret, *Spain*
- 16.00-16:30 **US-guided procedures of complex anatomical region in lower extremity: ankle joint, subtalar joint, knee, hip, tendon sheaths, small joints**  
J. De La Fuente, *Spain* - H.B. Hammer, *Norway* - P. Mandl, *Austria*  
M. Micu, *Romania* - C. Pedret, *Spain* - J. Uson, *Spain*
- 16.30-17.00 *Coffee break*
- 17.00-19.00 **Workshop on lower extremity: Detailed anatomy and sonoanatomy; Specific US-guided procedures; US-guided procedures of complex anatomical region**  
D. Bong, *Spain* - H.B. Hammer, *Norway* - C. Ho, *Hong Kong* -  
J. Koski, *Finland* - P. Mandl, *Austria* - M. Micu, *Romania* -  
M. Miguel, *Spain* - C. Pedret, *Spain*



# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## PRELIMINARY PROGRAMME

Friday, September 14, 2018

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- 08.30-09.00 **Anatomy and sonoanatomy of the spine**  
M. Miguel, *Spain* - A. Ortega, *Spain*
- 09.00-09.30 **US-guided procedures of the spine and pelvis: indications, drug selection and injection technique**  
T. Domingo, *Spain* - V. Mayoral, *Spain* - A. Ortega, *Spain*
- 09.30-10.00 *Coffee break*
- 10.00-13.00 **Workshops on US-guided procedures of the spine and pelvis: Anatomy and sonoanatomy; Lumbar facets; Sacroiliac joints; Pelvic muscle analgesia and botulinum; Paravertebral muscle analgesia and botulinum; Nerve blocks by Transversus Abdominal Plane (TAP) and other techniques**  
T. Domingo, *Spain* - V. Mayoral, *Spain* - A. Ortega, *Spain*
- 13.00-14.00 *Lunch*
- 14.00-14.30 **Anatomy and sonoanatomy of the peripheral nerves**  
D. Bong, *Spain* - M. Miguel, *Spain* - I. Möller, *Spain*
- 14.30-15.00 **US-guided pain related procedures: neurolysis of the osteoarthritic IPJ, nerve block of the subsartorial and obturator nerves for knee pain, nerve block of the femoral and obturator nerve for painful hip**  
T. Domingo, *Spain* - V. Mayoral, *Spain* - A. Ortega, *Spain*
- 15.00-18.00 **Workshops on pain related procedures: IPJ, knee, hip**  
T. Domingo, *Spain* - V. Mayoral, *Spain* - A. Ortega, *Spain*
- 16.30-17.00 *Coffee break*
- 18.00-18.10 **Final remarks**

# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## GENERAL INFORMATION

### ORGANISING SECRETARIAT



AIM Group International - Milan Office

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20141 Milano

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Fax +39 02 70048578

[sonoguidecourse@aimgroup.eu](mailto:sonoguidecourse@aimgroup.eu)

[www.sonoguidecourse.com](http://www.sonoguidecourse.com)

### COURSE VENUE

University of Barcelona

Faculty of Medicine and Health Sciences - Campus Bellvitge

Servei de Donants de Cos i Sala de Dissecció

Feixa Llarga, s/n

08907 L'Hospitalet de Llobregat

Barcelona, Spain

Tel. +34 93 403 57 30

### LANGUAGE

The official language of the Course will be English.

Simultaneous translation will not be provided.

### COURSE BADGES

A badge will be provided on-site together with the Course kit.

Participants are kindly requested to always wear their name badge during the Course.



# Course on Sonoguide Interventions and Procedures in Musculoskeletal Diseases

## GENERAL INFORMATION

### REGISTRATION FEE

The cost of the registration fee is € 3.500,00 VAT included and includes:

- participation in the scientific sessions
- course kit
- certificate of attendance
- lunches
- coffee breaks
- dinners
- 2 nights accommodation

*The registration fee does not include travel expenses.*

**The course will not take place if the minimum number of 30 participants will not be reached.**

### Name changes

After August 1, 2018 the participants who wish to make name changes will be charged of an handling fee of € 50,00 (VAT 21% included) per name change. A new registration form for each replacement participant will be required before the name change can be processed. Individuals may make name changes only in exceptional cases.

### Cancellation policy

Notification of cancellation must be sent in writing to:

***sonoguidecourse@aimgroup.eu***

Cancellations will be accepted until July 3, 2018 with a refund of all prepaid fees expect for a 30% administration charge.

No refunds will be made for cancellations received after this date.

**Registration is available online at [www.sonoguidecourse.com](http://www.sonoguidecourse.com)**

