



UNIVERSITAT DE BARCELONA



**Musculoskeletal Ultrasound Of The
Complex Areas Of The Elbow, Forearm
And Hand.**

**(Including special workshops on synovial
biopsy and FAST)**

“Perform an autopsy on your MSUS skills”

SCIENTIFIC ORGANIZERS

Ingrid Möller

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Johan Michaud

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FACULTY

Albert Arman, Marina Backhaus, Peter Balint, Ramón Balias, Hilde Berner-Hammer, Michael Benjamin, Marc Blasi, David Bong, George Bruyn, Alessandra Bruns, Maria Antonieta D'Agostino, Javier De La Fuente, Tomas Domingo, Annamaria Iagnocco, David Kane, Stephen Kelley, Joanne Kitchen, Juhani Koski, Martin Lamontaigne, Peter Mandl, Carlo Martinoli, Lucia Mayordomo, Johan Michaud, Maribel Miguel, Ingrid Möller, Esperanza Naredo, Jordi Palau, Carles Pedret, Philip Peetrons, Wolfgang Schmidt, Lene Terslev.

eular scientific endorsement

A course of the EFSUMB Euroson School

Declarado de interés científico por:

 **Sociedad Española de
Reumatología**

PRESENTATION

Successful training in MSUS requires a deep knowledge of anatomy. Although there are many books on anatomy, direct visualization of anatomical structures can improve the skills for ultrasonographic scanning and the comprehension of images.

This is especially the case with complex areas of the upper extremity region. In addition, improving our knowledge and ultrasound scanning skills in interventional skills is important.

This course is designed to give participants an opportunity to examine the upper extremity region using cadaver specimens and healthy models.

The course will also include hands-on advanced interventional techniques in anatomic specimens. A guide for detecting abdominal, pleural and pericardial pathology in rheumatology is included in the workshops.

The participants will be able to practise under the guidance of expert MSUS sonographers and University professors of anatomy.

The course also comprises lectures about the most important topics related to advanced upper extremity interventions.

International course

- Language: English

VENUE AND DATES

Department of Dissection Rooms and Body Donors - University of Barcelona, Spain.
2 day programme, February 12-13, 2015.

February 12th 8:30 - 19:00. Lectures and Workshops

February 13th 8:30 - 19:00. Lectures and Workshops

Registration: sandra.jimenez@ser.es

CONTENTS

1. Lectures and hands-on musculoskeletal ultrasonography (MSUS)
2. Workshops **involving complex areas of upper extremity and advanced interventional techniques**
3. Simultaneous comparison between the MSUS scans and the corresponding anatomy in the cadaver.

Full Programme

February 12th

Lectures and Workshops: Hand, forearm and elbow

08.00-08.30 Registration

08.30-09.15 "Principles of anatomy as seen in the hand" Prof M. Benjamin

09.15-09.45 Sonoanatomy of the hand and finger. Prof M.Miguel-I.Möller

09.45-10.05 The joints of the hand and wrist. Dr Jordi Palau

10.05-10.30 Ligament injuries of the hand and wrist Dr P. Peetrons

10.30-11.00 Coffee break

11.00-13.30 Workshops

13.30-14.30 *Lunch*

14.30-15.00 Guided procedures in the upper extremity below the shoulder. Dr. P. Peetrons

15.00-18.45 Workshops

February 13th

Lectures and Workshops: Hand, forearm and elbow.

08.30-09.00 Fibrocartilage in tendons and ligaments. Prof. M Benjamin

09.00-09.20 Sonoanatomy of the intrinsic muscles of the hand Dr.D Bong

09.20-09.40 Distal bicipital tendon. Dr. Javier de la Fuente

09.40- 10.00 Small nerves of the forearm and hand. Dr.J Palau

10.00-10.20 Ligament pathology of the elbow.Dr. R Balias C Pedret

10.30-11.00 *Coffee Break*

11.00-13.30 Workshops

13.30-14.30 *Lunch*

14.30-15.00 Guided procedures in the upper extremity below the shoulder. ll. Dr.J de la Fuente

15.00-15.30 “FAST “– simple guide for detecting abdominal, pleural and pericardial pathology in rheumatology Prof.W Schmidt

15.30-18.30 Workshops