

Basic Musculoskeletal Ultrasound (MSUS) Course

Madrid, Spain, 26th-28th November 2015



ORGANISER

Universidad Complutense de Madrid, Cátedra Prof Luis Carreño

SCIENTIFIC DIRECTORS

Ingrid Möller (Spain)

Jacqueline Uson (Spain)

Scientific endorsement by

eular



EFSUMB

ORGANISING SECRETARIAT

G.S.M. Coach & Event (Great Spider Management)

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VENUE

Hotel NH La Habana.
Paseo de la Habana, 73, 28036 Madrid, Spain

COURSE OPENING

Thursday, November 26th 2015 at 14:00

COURSE CLOSING

Saturday, November 28th 2015 at 14:00

PARTICIPANTS

The number of participants is limited to 60.

OFFICIAL LANGUAGE

English

DESCRIPTION

This course will focus on learning ultrasound physics, image acquisition, normal sonoanatomy, the standardised examination techniques and ultrasound findings in basic pathology.

REGISTRATION

Registration is intended to be opened for all EULAR member countries.

This course is recommended for participants with little or no experience in musculoskeletal ultrasound. Successful completion of the EULAR online Introductory Ultrasound is highly recommended (please see EULAR Competency Assessment in Musculoskeletal Ultrasound, www.eular.org).

Applications should be e-mailed to the G.S.M. Coach & Event, s.l.

e-mail: gsm@gsmce.es

After acceptance, please mail or fax the Registration Form to:

G.S.M. Coach & Event, s.l.

310 Galileo Street – entlo 2^a

08028 Barcelona (Spain)

Fax : +34.93.430.61.93

Payment instructions will be given by the G.S.M. Coach & Event, s.l.

FACULTY

Carlos Acebes (Spain)

Maria Antonietta D'Agostino (France)

Nemanja Damjanov (Serbia)

Annamaria Iagnocco (Italy)

Peter Mandl (Austria)

Ingrid Möller (Spain)

Esperanza Naredo (Spain)

Ana Rodríguez (Spain)

Jacqueline Uson (Spain)

Esther Vicente (Spain)

HANDS ON TUTORS

Carlos Acebes (Spain)

Maria Alcalde (Spain)

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Iustina Janta (Romania)
Peter Mandl (Hungary)
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Esperanza Naredo (Spain)
Diana Pietado (Spain)
Ana Rodríguez (Spain)
Jacqueline Uson (Spain)
Esther Vicente (Spain)

LEARNING OBJECTIVES

- To know the application, indications and limitations of musculoskeletal ultrasound in rheumatology.
- To know the ultrasound physics and technology.
- To identify the sonographic patterns of the different musculoskeletal tissues.
- To recognize musculoskeletal artefact and pitfalls.
- To hold the probe, to optimize B-mode settings of the ultrasound equipment and to acquire ultrasound images.
- To identify normal sonographic anatomy of each major anatomic area (i.e. shoulder, elbow, wrist and hand, hip, knee, ankle and foot).
- To learn the systematic standardised scanning technique for each major anatomic area (i.e. shoulder, elbow, wrist and hand, hip, knee, ankle and foot).
- To document images and to report ultrasound findings and diagnosis.
- To identify basic musculoskeletal abnormalities (e.g. joint effusion and synovial hypertrophy, tenosynovitis, enthesopathy, complete tendon tear, bursitis, bone erosions and osteophytes).

COURSE CERTIFICATION

A certificate of attendance will be supplied.

COURSE EVALUATION

The course will be evaluated with respect to educational content, course organisation and venue.

REGISTRATION FEE

We offer two options for registration fee:

Option A; course, educational material, lunches and coffee breaks- Fee: 1,150 euros

Option B; course, accommodation (2 nights in hotel NH Habana, breakfast included), educational material, lunches and dinners and coffee breaks- Fee: 1,350 euros

PROGRAMME

Thursday 26th November 2015

12.30 - 14.00	Registration	
14.00-14.15	Welcome – Introduction	J. Uson, I. Möller, L. Carreño
14.15-14.45	Ultrasound machine settings, image optimization, probe handling, and image acquisition	J. Uson
14.45-15.15	MSUS tissues and basic MSUS semiology	I. Moller
15.15 -15.30	Coffee break	
15.30-16.00	Clinical applications of MSUS	E. Naredo
16.00-16.30	History and development of MusculoSkeletal UltraSound (MSUS). US physics and techniques, artefacts and limitations of MSUS	N. Damjanov
16.30 -18.00	knobology, probe handling and tissue sonoanatomy	HandsOn
18.00 -18.30	MSUS in Rheumatoid Arthritis and Spondyloarthritis. Validity and Clinical use	MA. D'Agostino
18.30 -19.00	MSUS in Osteoarthritis. Validity and Clinical use.	A Iagnocco
19.00-20.00	Workshop: scan patients with RA, SpA and OA	
20.00 Dinner		

Friday 27th November 2015

08.30-09.15	Standardised scanning of the Wrist and Hand . Basic pathological findings	J.Uson
	Live demo with normal model	MA. D'Agostino
09.15-10.45	Supervised US scanning of the Wrist and Hand	HandsOn
10.45-11.00	Coffee break	
11.00-11.30	Standardised scanning of the Hip .Basic pathological findings	I. Möller
	Live demo with normal model	I. Möller
11.30-12.45	Supervised US scanning of the Hip	HandsOn
12.45-14.00	Lunch	
14.00-14.45	Standardised scanning of the Knee .Basic pathological findings	I. Möller
	Live demo with normal model	A.Rodríguez
14.45-16.30	Supervised US scanning of the Knee	HandsOn
16.30-16.45	Coffee break	
16.45-17.30	Standardised scanning of the Shoulder .Basic pathological findings	C. Acebes
	Live demo with normal models	E. Vicente
17.45-19.30	Supervised US scanning of the Shoulder	HandsOn
20.00	Dinner	

Saturday 28th November 2015

08.30-09.15	Standardised scanning of the Ankle and Foot . Basic pathological findings	P. Mandl
	Live demo with normal models	E. Naredo
09.15-09.45	Standardised scanning of the Elbow . Basic pathological findings	J. Uson
09.45-10.00	Coffee break	
10.00-12.45	Supervised US scanning of the Ankle and Foot and Elbow	HandsOn
12.45-13.45	Education in MSUS	N. Damjanov
	Reporting Ultrasound findings and diagnosis. (Technical aspects) and (Clinical aspects)	N. Damjanov
13:45	Closing remarks	J. Uson, I. Möller, L. Carreño
14.00	Lunch	