



19th EULAR SONOGRAPHY COURSE

Basic, Intermediate and Advanced
Musculoskeletal Ultrasound in Rheumatology

June 3rd - 6th, 2012
Berlin, Germany



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INTRODUCTION TO THE COURSE AND EDUCATIONAL OBJECTIVES

INTRODUCTION

The 19th EULAR Course “Basic, Intermediate and Advanced Musculoskeletal Ultrasound in Rheumatology” will take place in Berlin, Germany, directly before the EULAR annual congress. It is intended to be a combination of lectures and practical sessions. Fifty to 60% of the time will consist of practical scanning of healthy persons and / or patients with rheumatic diseases. Hand-on scanning groups will have 1 teacher and a maximum of 6 participants. As in the past years, participants can sign in either to the basic, the intermediate, or the advanced course.

The basic-level course is aimed for beginners with no experience with ultrasound. It will focus on examination technique and will include some basic pathology.

Previous performance of 100 or more musculoskeletal ultrasound scans is strongly recommended before participating in the intermediate-level course. *The intermediate course* will focus on a wide spectrum of rheumatologic pathology.

The advanced-level course aims at colleagues who have performed 300 or more musculoskeletal ultrasound scans. It will focus on current ultrasound research in rheumatology, new technological developments, uncommon pathological findings in rheumatology, pathological findings in other specialties such as nerve, ligament, muscle lesions, and sport related lesions.

EDUCATIONAL OBJECTIVES

Basic Course:

- Identify normal musculoskeletal sonoanatomy
- Perform systematic ultrasound scanning of shoulders, elbows, hands, hips, knees and feet
- Know the basic pathological sonographic findings

Intermediate Course:

- Identify frequent musculoskeletal abnormalities in rheumatology with ultrasound
- Apply power Doppler ultrasound in inflammatory rheumatic diseases
- Perform ultrasound guided injections

Advanced Course:

- Diagnose rheumatologic, degenerative and traumatic musculoskeletal lesions with ultrasound
- Identify sonographic abnormalities in pediatric rheumatology, vasculitis and connective tissue diseases
- Discuss new ultrasound technological developments in rheumatology

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