

2008 WORLD CONGRESS ON OSTEOARTHRITIS
 SEPTEMBER 18-21, 2008 - ROME MARRIOTT PARK HOTEL - ROME, ITALY

PRE-CONGRESS WORKSHOPS MUSCULOSKELETAL ULTRASOUND

**Musculoskeletal
 Ultrasound
 in OA**

Osteoarthritis


Changes in all the **SOFT TISSUES** of the joint

- Articular Cartilage
- Joint Capsule
- Synovial membrane
- Synovial Fluid

Changes in the **BONE PROFILE**

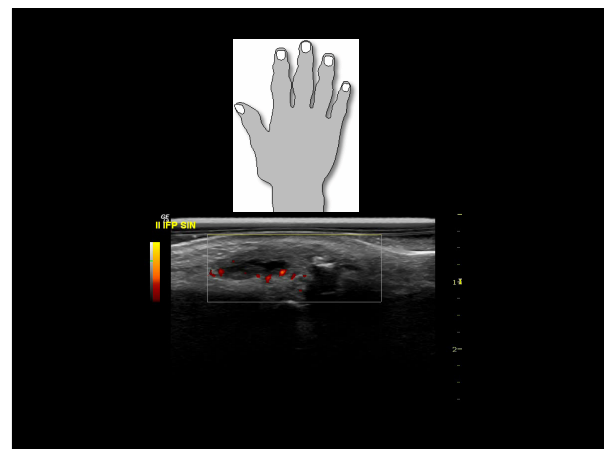
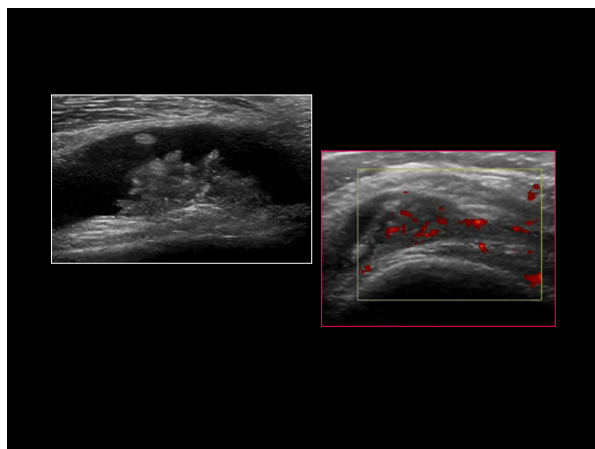
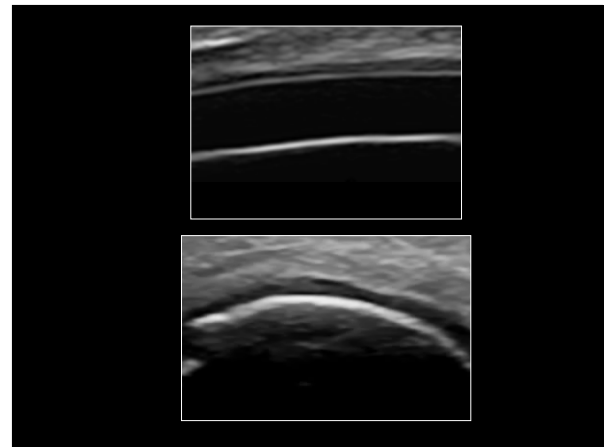
- Joint Margins

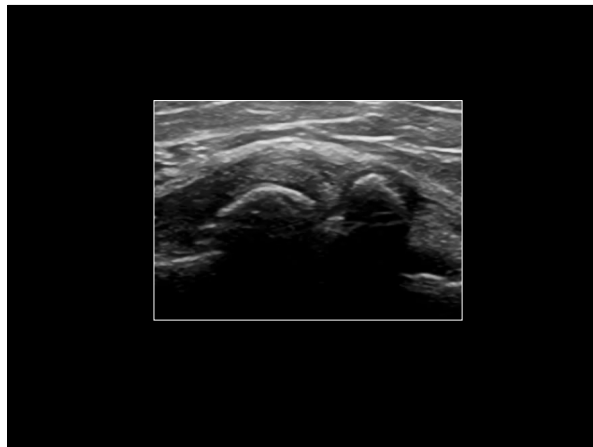
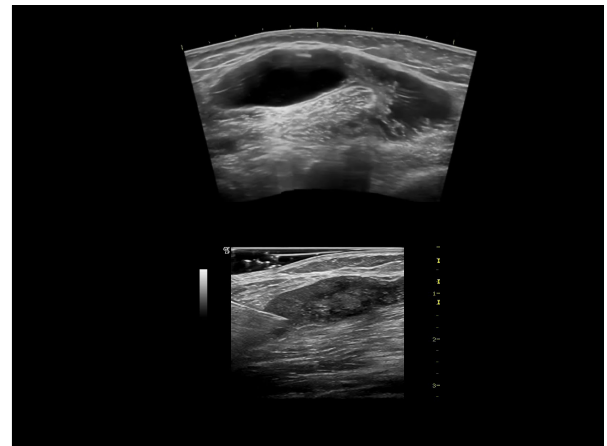
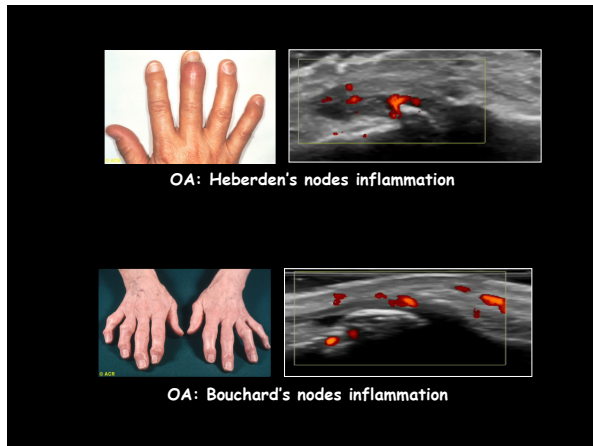
Sonography of Osteoarthritic Joint



- Articular cartilage
- Synovial membrane
- Synovial fluid
- Joint capsule
- Bursae

- Joint margins
- Bone profile
- Joint space





US & OA

LITERATURE

- US is an interesting imaging tool for the evaluation and monitoring of the osteoarthritic joint
- US complements both the clinical examination and radiological imaging by allowing the rheumatologist to study the bony profile and the soft tissues
- Systematic US scanning following established guidelines can demonstrate even minimal abnormalities of articular cartilage, bony cortex and synovial tissue
- US is extremely sensitive in the detection of the synovial proliferation and joint effusion
- Monitoring changes in osteoarthritic joints may be potentially useful in the selection of patients for clinical investigation and for assessing their response to therapeutic interventions

[Millet J, Bana D, Naredo E, Filippucci E, Carrasco A, Macromini C, Iagnocco A. Ultrasound in the study and monitoring of osteoarthritis. Osteoarthritis Cartilage. 2008 Aug 27. \[Epub ahead of print\]](#)

2008 WORLD CONGRESS ON OSTEOARTHRITIS
SEPTEMBER 18-20, 2008 - ROMA ARGENTINI PALAZZO - ROMA, ITALY

PRE-CONGRESS WORKSHOPS

MUSCULOSKELETAL
ULTRASOUND

Introduction to the US Workshop - Annamaria Iagnocco, Italy

I Part
Ultrasound scanning methods according to EULAR guidelines, main pathological findings in OA and guidance of injections

Upper limb
 SHOULDER - Esperanza Naredo, Spain
 ELBOW - Jonathan Samuels, USA
 WRIST - Carlos Pineda, Mexico
 HAND - Maria Antonietta D'Agostino, France

Lower limb
 HIP - Ingrid Moller, Spain
 KNEE - Annamaria Iagnocco, Italy
 ANKLE - Helen Keen, Australia
 FOOT - Wolfgang Schmidt, Germany

II Part
Supervised hand-on scanning of patients with OA involving different joints