

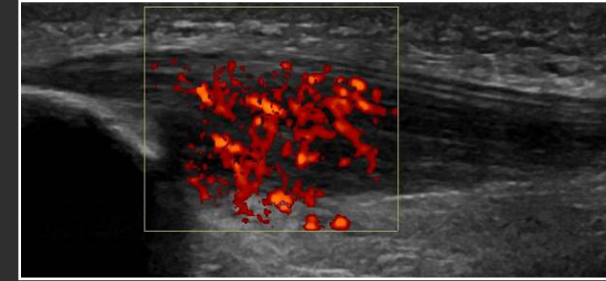
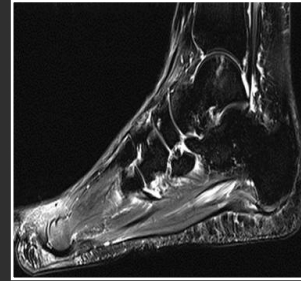
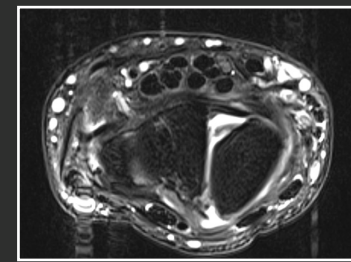
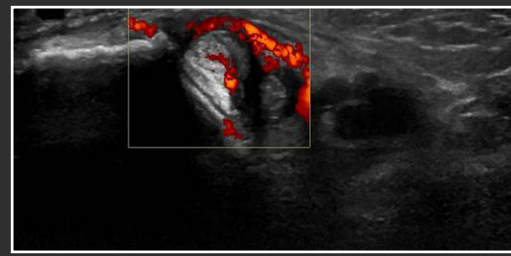
## FOR MORE INFORMATION AND REGISTRATION:

- **Jan L. Gielen, MD PhD**  
Department Vice-chairman Department of Radiology  
Musculoskeletal and Sports Radiology  
Coordinator Department of Sports Medicine

Tel: + 32 3 821 35 32

Fax: + 32 3 821 45 32

Email: [jan.gielen@uza.be](mailto:jan.gielen@uza.be)



## OTHER INSTRUCTORS:

- **Pieter Van Dyck, MD PhD**  
Department of Radiology  
University Hospital of Antwerp

- **Jan Veryser, MD**  
Department of Radiology  
OLV Ter Linden, Knokke



This event is organized in collaboration with GE Healthcare.

# INVITATION MSK COURSES 2019-2020

Universiteit Antwerpen  
&  
Universitair Ziekenhuis Antwerpen



# INTRODUCTION

Dear Colleague,

Please find an overview of the MSK courses at University hospital of Antwerp or Antwerp University.

The ultrasound guided musculoskeletal interventions course and the MSK MRI course is organized for the 10th time. The intensive course MSK US is in its 17th year. The courses are updated every year, the actual courses are intensively updated regarding muscle trauma, nerve lesions and superficial skin lesions. Belgian (European) radiology CME credits are granted. The courses are accredited for the ESSR diploma musculoskeletal radiology.

## MRI MSK

*One course of four Saturdays in fall 2019 - Lectures language Dutch*

The MRI MSK course is organized in two major parts. The first general part discusses technical MRI principles and not-topographic pathology (muscle sprain, tendon lesions, tumor lesions), the second specific part is topographically organized. The specific part consists of 6 modules (finger-hand-wrist, elbow and forearm, shoulder girdle-upper arm, thoraco-abdominal wall-hip-trochanter and groin, knee and upper leg, lower leg ankle and foot). The course includes anatomy, positioning and sequences and MRI semiology including case discussions.

The sessions are scheduled on Saturdays 8.30-11.45 and 12.15-16.30, at the department of radiology University hospital Antwerp on:

- **September 28 (introduction, MTU, bone and soft tissue tumors)**
- **November 9 (wrist-hand and knee)**
- **November 23 (hip and shoulder)**
- **December 7 (Elbow and foot-ankle)**

Teachers are Pieter Van Dyck, Jan Veryser and Jan Gielen. Belgian radiology CME credits are requested in rubric 3, for a total of 28CP. ESSR MSK diploma accreditation is requested. The number of participants is restricted to 40 to promote interaction and training.

A high quality color syllabus with table of contents will be available.

## GLOBAL COURSE AND HANDS-ON TRAINING MUSCULOSKELETAL ULTRASOUND

*Four Saturdays in 2019/2020 - Lectures language Dutch*

*Subscription for individual day is possible*

This global course focuses on advanced radiologists as well as starters in MSK US. The two main parts of the course cover an introduction followed by specialized topographic knowledge. In the introduction aspects and evolution of ultrasound technology are discussed as well as global anatomy, lesion semiology, pathophysiology and evolution (tendinosis, paratenonitis, ligament strain, muscle sprain and tear, arthritis, subcutaneous lesions...). The specialized part consists of 6 modules that are topographically organized (finger-hand-wrist, elbow-lower arm with nerve lesions, shoulder girdle – upper arm including brachial plexus, thoraco-abdominal wall –hip -trochanter and groin, knee and upper leg, lower leg ankle and foot). A 7th module covers pathophysiology and imaging of peripheral nerves upper and lower limb and its lesions. The last 8th module focuses on focal skin lesions.

The topographic areas are discussed theoretically (1.5h), followed by hands-on training (1.5h). The theoretical part includes topographic anatomy; specific semiology with MRI correlation, lesion prevalence and review of recent literature. Special interest for staging of lesions and its clinical relevance. A high quality color syllabus with table of contents will be available.

The sessions are scheduled on Saturdays 8:30-11:45 and 12:15-16:00, at the department of radiology University hospital Antwerp.

### **Series 1 fall 2019:**

September 7 (Introduction, MTU, Shoulder), September 21 (Hand, Elbow), October 5 (Skin, Hip, Knee), October 19 (Foot-ankle, Nerves).

### **Series 1 winter 2020:**

January 25 (Introduction, MTU, Shoulder), February 8 (Hand, Elbow), March 7 (Skin, Hip, Knee), March 21 (Foot-ankle, Nerves).

The number of participants is restricted to 28 to promote interaction and hands on training in small groups. Teachers are Jan Veryser and Jan Gielen. Belgian (European) radiology CME credits are requested in rubric 3, for a total of 24CP. ESSR MSK diploma accreditation is requested.