



MUSCULOSKELETAL ULTRASOUND COURSE

University Hospital Dubrava, Zagreb, Croatia
Croatian Society of Ultrasound in Medicine and Biology
Croatian Society of Radiologists

Friday, May 16th – Saturday, May 17th, 2025

Dear colleagues,

We are pleased to inform you about the upcoming Musculoskeletal Ultrasound Course, which will take place on May 16th and 17th at University Hospital Dubrava in Zagreb. The course is organized under the auspices of the Croatian Society of Ultrasound in Medicine and Biology and the Croatian Society of Radiologists.

The program consists of a series of lectures covering all joints, including their anatomy, pathology, and interventional techniques. Following the lectures, hands-on workshops will be held, providing you with the opportunity to learn the fundamentals of joint imaging under the guidance of experienced experts in musculoskeletal radiology.

We look forward to welcoming you!

Course organizers:

Prof.dr.sc. Gordana Ivanac
Dr.sc.Eugen Divjak

Faculty:

Keivan Daneshvar, Bern, Swiss
Eugen Divjak, Zagreb, Croatia
Gordana Ivanac, Zagreb, Croatia
Suren Armeni Jengojan, Vienna, Austria
Vladka Salapura, Ljubljana, Slovenia
Žiga Snoj, Ljubljana, Slovenia
Danijela Veljković Vujaklija, Rijeka, Croatia



PROGRAMME

FRIDAY, MAY 16th

08.00-08.55 REGISTRATION

08.55 WELCOME INTRODUCTION

09.00-10.30 SHOULDER

1. Functional anatomy of rotator cuff and technique of US examination

E. Divjak

2. Rotator cuff pathology

E. Divjak

3. US approach for shoulder interventions: calcific tendinopathies

D. Veljković Vujaklija

10.30-11.00 Coffee break

11.00-11.40 ELBOW

1. Functional anatomy of elbow and technique of US examination

V. Salapura

2. US approach for elbow interventions: joint, bursae, distal biceps tendinopathy

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11.40-12.40 WRIST

1. Functional anatomy of wrist and technique of US examination

E. Divjak

2. Tunnel syndromes: carpal and Guyon

S. Jengojan

3. US approach to wrist interventions

S. Jengojan

12.40-13.30 NEUROPATHIC PAIN TREATMENT

1. What to consider in MSK therapeutic injections

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2. Minimally invasive image guided therapeutic interventions in neuropathic pain

S. Jengojan

3. Pelvic neuropathies and therapeutic injections

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13.30-14.30 LUNCH

WORKSHOP DAY 1:

14.30–17.30 US practical course on upper extremity



SATURDAY, MAY 17TH

09.00-10.00 HIP

1. Functional anatomy of hip joint and technique of US examination

V. Salapura

2. Pathology of bursae, tendons and ligaments

D. Veljković Vujaklija

3. US approach for hip interventions: trochanteric pain syndrome, iliopsoas bursae

V. Salapura

10.00 – 10.30 Coffee break

10.30 -12.00 KNEE

1. Functional anatomy of knee and technique of US examination. Pathology of tendons and ligaments

G. Ivanac

2. Pathology of menisci and cartilage: how much does the US see?

E. Divjak

3. Dynamic ultrasound exam of the knee in popliteal artery entrapment syndrome (PAES)

K. Daneshvar

12.00 – 13.00 ANKLE AND FOOT

1. Functional anatomy of ankle and foot and technique of US examination

G. Ivanac

2. Pathology of tarsal tunnel

E. Divjak



3. US approach for ankle and foot interventions

S. Jengojan

13.00-14.00 LUNCH

WORKSHOP DAY 2:

14.00–17.00 US practical course on lower extremity