

**Intermediate Musculoskeletal Sonography Course - Day 1 – Thursday, September 21<sup>st</sup>, 2023**

11.00-12.15	Registration – Welcome Reception	
12.15-12.30	Welcome – Introduction	Annamaria Iagnocco Simona Rednic
12.30-12.45	Entering test of knowledge - Intermediate Level	Daniela Fodor
12.45-13.15	Technical characteristics and setting of sonography equipment and sonographic pattern of musculoskeletal tissues	Annamaria Iagnocco
13.15 -14.00	Doppler physics, technology and artefacts, setting optimization, indications and limitations in Musculoskeletal Disorders	Nemanja Damjanov
14.00 -14.30	<b>Coffee break</b>	
14.30 -15.30	<b>Workshop</b> Supervised practical US machine settings, correct acquisition of images in normal musculoskeletal structures (muscles, tendons, bursae, ligaments, nerves, articular cartilage, joint space, joint recesses, joint capsules, and bony profile). Color and Power Doppler settings, its optimization., and Doppler artefacts.	Faculty & Tutors
15.30 -16.00	B-mode and Doppler synovitis. Definition, detection, quantification and pitfalls	Annamaria Iagnocco
16.00-16.30	B-mode and Doppler tenosynovitis. Definition, detection, quantification and pitfalls	Geroge A. Bruyn
15.00 -16.00	<b>Workshop</b> Supervised hands-on scanning of patients with synovitis and tenosynovitis. Detection, quantification and pitfalls	Faculty & Tutors
16.00 -16.30	B-mode and Doppler enthesopathy and enthesitis, tendinosis and tendon tear - definition, detection, quantification and pitfalls	Annamaria Iagnocco
16.30 -17.00	Validity and role of US in crystal-related arthropathies	Hilde Berner Hammer
17.00 -17.30	<b>Coffee break</b>	
17.30 - 19.00	<b>Workshop</b> Supervised hands-on scanning of patients with enthesopathy/enthesitis, tendinosis and tendon tear, and crystal-related arthropathies	Faculty & Tutors

**Intermediate Musculoskeletal Sonography Course - Day 2 – Friday, September 22<sup>nd</sup>, 2023**

08.00 - 08.40	US diagnosis of Hip pathology, with live demo	Christian Dejaco
08.40 - 09.20	US diagnosis of Knee pathology, with live demo	Mihaela Micu
9.20 – 11.00	<b>Workshop</b> <b>Supervised hands-on scanning of patients with inflammatory and degenerative disorders of Hip and Knee</b>	<b>Faculty &amp; Tutors</b>
<b>11.00 - 11.15</b>	<b>Coffee break</b>	
11.15 – 12.00	US diagnosis of Shoulder pathology, <b>With live demo</b>	Violeta Vlad
12.00 - 13.00	<b>Workshop</b> <b>Supervised hands-on scanning of patients with inflammatory and degenerative disorders of Ankle and Foot</b>	<b>Faculty &amp; Tutors</b>
<b>13.00 – 14.00</b>	<b>Lunch break</b>	
14.30 - 15.10	US diagnosis of Ankle and Foot pathology with live demo	Joan Dias
15.10 – 15.50	US diagnosis of Elbow pathology, with live demo	Mihaela Micu
<b>15.50 - 16.20</b>	<b>Coffee break</b>	
16.20 - 18.20	<b>Workshop</b> <b>Supervised hands-on scanning of patients with inflammatory and degenerative disorders of Shoulder and Elbow</b>	<b>Faculty &amp; Tutors</b>
18.20 - 18.50	Documentation of US images and report of US findings	Giasna Giokis Kakavouli

**Intermediate Musculoskeletal Sonography Course - Day 3 – Saturday, September 23<sup>rd</sup>, 2023**

08.00 - 08.40	US diagnosis of Wrist and Hand pathology, with live demo	Daniela Fodor
08.40 – 10.00	<b>Workshop</b> Supervised hands-on scanning of patients with inflammatory and degenerative disorders of Wrist and Hand	<b>Faculty &amp; Tutors</b>
<b>10.00 - 10.15</b>	<b>Coffee break</b>	
10.15 - 11.00	Sonographic-guided periarticular and articular injections	Nemanja Damjanov
11.00 - 12.30	<b>Workshop</b> Supervised sonographic-guided injections	<b>Faculty &amp; Tutors</b>
12.30-12.45	Exit test of knowledge	
<b>12.45 – 13.00</b>	<b>Closing Remarks</b>	
<b>13.00 - 14.00</b>	<b>Lunch</b>	