

<b>REMUS - Renal Expert in Medical Ultrasound (July – December 2022)</b>		
<b>WEB LECTURES</b>	<b>TEACHER</b>	<b>University</b>
Physical principles of ultrasound and device setting	J. Malík	Prague
Ultrasound artifacts, instruments, transducers and terminology	D. Ključevšek	Ljubljana
Principles of Color-Doppler	M. Forcella	Bari
Ultrasound anatomy of kidney and urinary tract	J. Gubenšek	Ljubljana
Pelvis-ureteric dilatation and nephrolithiasis	Y. Battaglia	Bari (ext. faculty)
US pathologic features of lower urinary tract	C. Kalogeropoulou	Patras
Ultrasound in acute and chronic kidney failure	J. Ibeas	Barcelona
CEUS in the characterization of cystic and solid renal lesions	M. Prencipe	Bari
Point-of-Care UltraSound (POCUS) in Nephrology	P. Kitrou	Patras
Ultrasonographic features of kidney transplants and their complications	A. Granata	Bari (ext. faculty)
Thoracic ultrasound and assessment of hydration in uremic patient	J. Malík, A.Valerianova, T. Pelcl	Prague
Eco-Color-Doppler of supra-aortic trunks and lower extremity arteries	J. Vallespin	Barcelona
Eco-Color-Doppler of abdominal aorta and renal vessels	J. Guitart, E. Criado. A. Gelabert (tbd)	Barcelona
Eco-Color-Doppler in peritoneal dialysis	M. Zeiler	Bari (ext. faculty)
Ultrasound of parathyroid glands in CKD with secondary hyperparathyroidism	P. Lentini	Bari (ext. faculty)
<b>HANDS ON TRAINING</b>	<b>TUTOR(S)</b>	
<b>Basic Level - US examinations on healthy subjects (2 days, 16 hours)</b>		
Program:		
- US machine setting, artifacts, transducers and US terminology		
- Abdominal US examination: US anatomy of main organs		

<ul style="list-style-type: none"> <li>- Color-Doppler principles and its applications</li> <li>- Arterial and venous eco-color-Doppler examination</li> </ul>		
Bari Hospital will host 10 trainees	M. Forcella	M. Prencipe A. Granata M. Zeiler
General University Hospital Prague will host 10 trainees	J. Malik	A. Valeriánová, Z. Krupičková
University Medical Center Ljubljana will host 10 trainees	J. Ponikvar	M. Arno J. Pajek J. Gubenšek
University Hospital of Patras will host 10 trainees	G. Goumenos	E. Papachristou M. Papisotiriou D. Karnabatidis K. Katsanos P. Kitrou S. Kakkos
<p><b>Advanced Level - US examinations on real patients (3 days. 24 hours)</b></p> <p>Program:</p> <ul style="list-style-type: none"> <li>- US and Color-Doppler assessment in acute and chronic failure, peritoneal dialysis patient, ADPKD, diabetic patient, CKD patient with secondary hyperparathyroidism</li> <li>- Doppler-Ultrasonography of kidney graft</li> <li>- Doppler-Ultrasonography of supra-aortic trunks, abdominal aorta and lower extremity arteries</li> </ul>		
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The program may vary slightly  
Update in August 2022