

Basic Course in Vascular Ultrasound**26th to 28th November 2025**

Serbian Society for Cardiovascular Surgery, Belgrade, Serbia

**Programme**

	Day 1	Day 2	Day 3
09:00		Good morning again. Possibility for questions and reflection from yesterday.	Good morning again. Possibility for questions and reflection from yesterday.
09:15		Lect 3: Physics in detail, Grey-scale imaging, acoustic impedance, attenuation, image resolution, Doppler and hemodynamics, spectral analysis, waveform patterns. <i>By Nicola Aleksic</i>	Lect 6: Varicose veins, augmentation and reflux, DVT and compression-test. And ultrasound guided puncture <i>By Ramon Vila</i>
09:30			
09:45		Lect 4: Carotid arterial duplex, scan position, ultrasound anatomy, differentiation between ICA and ECA, exclusion of stenosis. <i>By Sandra Radak</i>	Lect 7: A-V Fistula <i>By Tamara Jemcov</i>
10:00			
10:15			
10:30		Coffee break and patient preparation	Lect 8: Contrast-enhanced ultrasound: Basic principles by <i>S Duvnjak</i>
10:45		Hands-on session Carotid (rot 1)	
11:00			Patient preparation
11:15		Hands-on session Carotid (rot 2)	H-on session Venous duplex and A-V Fistula (rot 1).
11:30	Welcome and registration		
11:45	Introduction, presentation of faculty and participants, practical information, online evaluation and running-score (monkey survey), hands-on session and team number, location of course dinner.	Hands-on session Carotid (rot 3)	H-on session Venous duplex and A-V Fistula (rot 2)
12:00			

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12:15	Lect 1: Clinical application of vascular ultrasound. Crash-course in ultrasound physics and "buttonology". Choice of transducer and pre-setting. B-mode setting, Colour Doppler control and spectral analysis performance. <i>By Kim Bredahl</i>	Hands-on session Carotid (rot 4)	H-on session Venous duplex and A-V Fistula (rot 3)
12:30			
12:45		Lunch 12:45 - 13:45	H-on session Venous duplex and A-V Fistula(rot 4)
13:00	Coffee break		
13:15	Hands-on 1		Lecture 8: Quality assessment, what to do next, CCVUS exam, other ESVS courses, and advanced US course. Evaluation. <i>By Ramon Vila</i>
13:30	buttonology. Participants scan each others carotids or limbs or medical students. Rotation = 2.		
13:45		Lect 5: Lower limb arterial duplex ultrasound <i>By Nicolaos Rousas</i>	Conclusion, see you at upcoming Annual ESVS meeting for the CCVUS exam. Hand-out bag incl. Sandwich and beverage. Hand-out bag with sandwich+beverage delivery
14:00			
14:15	Hand-out bag incl.	Patient preparation	
14:30	Sandwich and beverage	Hands-on session PAD (rot 1)	
14:45	Lect 2: AAA-surveillance, detection and extension and true diameter <i>By Dragan Vasic</i>		
15:00		Hands-on session PAD (rot 2)	
15:15	Patient preparation		
15:30	Hands-on AAA (rot 1)	Hands-on session PAD (rot 3)	
15:45			
16:00	Hands-on AAA (rot 2)	Hands-on session PAD (rot 4)	
16:15			
16:30	Hands-on AAA (rot 3)	Wrap up for today	
17:00			
17:15	Wrap up for today		
19:00	Bus transfer to restaurant		

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19:30 Networking Dinner