

# Advanced Vascular Ultrasound Course

4 - 6 November 2026

Department of Vascular Surgery, Rigshospitalet, Denmark  
Copenhagen Academy for Medical Education and Simulation, Denmark



## Programme

	Wednesday 4 th nov	Tuesday 5th nov	Friday 6th Nov
08:45 - 09:00		Coffee	Coffee
09:00 - 09:45		<b>4 Ultrasound physics I</b> Physical principles of vascular ultrasound - from waves to image, harmonic imaging, and pitfalls. S Rogers	<b>9 Ultrasound physics II</b> Vascular Physiology and degree of stenosis and contrast-enhanced ultrasound S Rogers
09:45 - 10:00		Coffee	Coffee
10:00 - 10:30		<b>5 Vascular access</b> pre-scan, volume measurement, intra- and post-operative ultrasound and hand acc time. B Gonzalo	<b>10 Carotid and upper limb</b> CEA without angiogram, degree of stenosis and 3D imaging, a. vertebralis and upper limb B Sandholt
10:30 - 11:00		<b>6 Ultrasound guided intervention</b> B Pedersen	Walk to outpatient clinic
10:45 - 11:00		Coffee	
11:00 - 11:15		<b>7 Mesenteric and renal artery</b> SMA, coeliac trunk stenosis and renal resistance index J Eiberg	<b>Hands-on</b> carotid and upper limb All faculty
11:30 - 12:00	<b>1 Registration:</b> Sandwich, coffee. Introduction. K Bredahl		
12:00 - 12:45	<b>2 Lower limb Bypass</b> without angiogram - calf scan, arterial mapping and pedal acceleration time. J Eiberg	11:45 - 12:15: Lunch <b>12:15: 8 EVAR-surveillance</b> endoleak detection, 3D and contrast enhanced ultrasound K Bredahl	<b>Hands-on</b> carotid and upper limb All faculty
12:45 - 13:00		Walk to outpatient clinic	
13:00 - 13:45	<b>3 Lower limb</b> Intravascular ultrasound A Patel	<b>Hands-on</b> Vascular Access, EVAR/CEUS, mesenteric artery All faculty	<b>Miscellaneous</b> Lunch/hand-bags, education and certification, evaluation, sandwich, coffee and goodbye :). Finish before 14:00
13:45 - 14:00	Walk to outpatient clinic		

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14:00 - 14:45	<b>Hands-on</b> Lower limb All faculty	<b>Hands-on</b> Vascular Access, EVAR/CEUS, mes/renal artery - All faculty	
14:45 - 15:00		Coffee	
15:00 - 15:50	<b>Hands-on</b> Lower limb All faculty	<b>Hands-on</b> Vascular Access, EVAR/CEUS, mes/renal artery All faculty	
	Coffee		
16:00 - 16:45	<b>Hands-on</b> Lower limb All faculty		
17:00 - 17:45			
18:30	Networking Dinner		