

# ESVS 2019 Basic Course in Vascular Ultrasound

Department of Vascular Surgery  
Rigshospitalet, University of Copenhagen, Denmark



Hours	Thursday 17. January	Friday 18. January	Saturday 19. January
08:45 - 09:00		Coffee	Coffee
09:00 - 09:45		<b>Ultrasound Physics</b> in detail: From sound to B-mode image, colour duplex, spectral analysis and waveforms J Eiberg	<b>Varicose veins</b>  L Klitfod
10:00 - 10:45			<b>Deep venous thrombosis</b> incl. patient demo. and vein quiz R Broholm
10:45 - 11:00		Coffee	Coffee
11:00 - 11:45		Basic <b>carotid ultrasound</b> incl. patient demo. L Urbak	<b>Hands-on</b> varicose veins and DVT patients (5 min/participant).
11:45 - 12:00		Lunch (11:45 -12:15)	
12:00 - 13:00	12:00 - 12:30 Registration, welcome and sandwich 12:30 - 13:00 <b>Introduction</b> and historic perspective H Sillesen	12:15 - 13:25 AAA surveillance, iliac and lower limb.  K Bredahl, Q Ghulam	<b>Hands-on</b> varicose veins and DVT patients (5 min/participant).  12:45 Working lunch in auditorium
	Short 5 min. Break		
13:00 - 13:45	<b>Getting started</b> Buttons and ultrasound physics at a glance  K Bredahl	13:25 Ultrasound guided access and quiz  M Lawaetz	<b>Miscellaneous</b> Minimum training, quality control, equipment , online evaluation, advanced course K Bredahl, J Eiberg, Q Ghulam
13:45	Coffee	Return no later than 13:55	Goodbye
14:00 - 14:45	<b>Interactive cases</b> - the clinical value of ultrasound J Eiberg, K Bredahl	<b>Hands-on</b> carotid, AAA, PAD patients (5 min/participant)	
		Coffee	
15:00 - 15:50	<b>Tutor demonstration</b> (10 min) followed by <b>hands-on</b> (10 min/participant) on medical students Coffee	<b>Hands-on</b> carotid, AAA, PAD (5 min/participant).  Coffee	
16:00 - 16:45	<b>Hands-on</b> continued (10 min/participant)	<b>Hands-on</b> carotid, AAA, PAD (5 min/participant).	
17:00 - 17:45	<b>Hands-on</b> continued (10 min/participant)		
19:00	Course dinner		