

Basic Course in Vascular Ultrasound

27. – 29. January 2022

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

Convenors

Kim Kargaard Bredahl, MD, PhD, clin. Lecture, Dept. Vasc. Surg and CAMES.,
Rigshospitalet, Denmark. (convenor)

Qasam Ghulam, MD, Dept. Vasc. Surg., Rigshospitalet, Denmark

Faculty

Jonas Eiberg, Professor, Dept. Vasc. Surg. and CAMES, Rigshospitalet, Denmark

Lærke Urbak, MD, PhD, Dept. Vasc. Surg., Rigshospitalet, Denmark

Jette Bang Støvring, MD, PhD, clin. Lecture, Dept. Vasc. Surg., Rigshospitalet, Denmark

Rikke Broholm, MD, PhD, Dept. Clin-Phys., Bispebjerg Hospital, Denmark

Martin Lawaetz, MD, Dept. Vasc. Surg., Rigshospitalet, Denmark

Venue

Auditorium and direction how to get there will be announced in welcome letter.

Copenhagen Academy for Medical Education and Simulation (CAMES).

Department of Vascular Surgery, Rigshospitalet,

Blegdamsvej 9, 2100 Copenhagen, Denmark.

Dates

Thursday 27 -29 January 2022 (12:00) to Saturday 29 January 2022 (14:00).

Objective

Vascular ultrasound is an important imaging modality in vascular surgery. The objective with this course is to teach the participants to be able to perform some of the most *basic vascular ultrasound* examinations: abdominal aorta, femoral arteries, peripheral bypasses, basic carotid ultrasound, percutaneous access, deep venous thromboses and varicose veins.

Participants will have the opportunity to practice their skills under supervision during the course. This course corresponds to the curriculum of the theoretical part of EFSUMB Level 1 in Vascular Ultrasound (European Federation of Societies for Ultrasound in Medicine and Biology). Online quizzes and tests will be conducted regularly during the course and the faculty underlines that attendance in the entire course is mandatory in order to receive course certificate and CME points.

Participants' qualifications

The course is designed for vascular surgeons, vascular surgeons in training and vascular nurses and technologist. No prior ultrasound experience is required but basic knowledge of vascular anatomy and physiology is expected.

CME-points

ESVS will apply the CME committee of UEMS for CME-points.

Registrations fee

€ 1050 for ESVS members and € 1200 for non-members. The fee includes course material, and lunch. Transport, accommodation and additional meals are not included.

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Registration

For registration and logistic info please contact the ESVS training office:
training@esvs.org / Website: <http://www.esvs.org/education/>

Please notice that the course completion depend on appropriate entry. Whether the course will be conducted is announced no later than one month before course start. Travel and accommodation must therefore not be made until this message is given and ESVS is not financially responsible if this is done anyway

Questions

Questions regarding course content, qualifications etc. can be addressed to
kim.kargaard.bredahl@regionh.dk

Suggested nearby accommodation (not included)

Walking distance 10 minutes:

Hotel Rye

Ryesgade 115, 2100 København Ø

Phone: +45 35265210

E-mail: rye@hotelrye.dk / <https://rye115.com/>

Hotel Nora Copenhagen

Nørrebrogade 18 B, DK-2200 København N

Phone (+45) 35 37 20 21

E-mail: nora@hotelnora.dk / www.hotelnora.dk

Walking distance 20 minutes:

Hotel Kong Arthur

Nørre Søgade 11, 1370 København K

Tlf. (+45) 33 11 12 12

E-mail: kongarthur@arthurhotels.dk / www.arthurhotels.dk

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Programme			
Hours	Thursday 27. January	Friday 28. January	Saturday 29. January
08:45 - 09:00		Coffee	Coffee
09:00 - 09:45		Ultrasound Physics in detail: From sound to B-mode image, colour duplex, spectral analysis and waveforms	Varicose veins J Støvring
10:00 - 10:45		J Eiberg	Deep venous thrombosis incl. patient demo. and vein quiz R Broholm
10:45 - 11:00		Coffee	Coffee
11:00 - 11:45		Basic carotid ultrasound incl. patient demo. L Urbak	Hands-on 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 Introduction and historic perspective J Eiberg	12:15 - 13:25 AAA surveillance, iliac and lower limb. K Bredahl, Q Ghulam	Hands-on varicose veins and DVT patients (5 min/participant). 12:45 Working lunch in auditorium
	Short 5 min. Break		
13:00 - 13:45	Getting started Buttons and ultrasound physics at a glance K Bredahl	13:25 Ultrasound guided access and quiz M Lawaetz	Miscellaneous Minimum training, quality control, equipment , online evaluation, advanced course K Bredahl, Q Ghulam
13:45	Coffee	Coffee	Goodbye
14:00 - 14:45	Interactive cases - the clinical value of ultrasound J Eiberg, K Bredahl	Hands-on carotid, AAA, PAD patients (5 min/participant)	
15:00 - 15:50	Tutor demonstration (10 min) followed by hands-on (10 min/participant) on medical students Coffee	Hands-on carotid, AAA, PAD (5 min/participant). Coffee	
16:00 - 16:45	Hands-on continued (10 min/participant)	Hands-on carotid, AAA, PAD (5 min/participant).	
17:00 - 17:45	Hands-on continued (10 min/participant)		
19:00	Course dinner		