



Basic Course in Vascular Ultrasound

19–21. January 2011

Rigshospitalet, University of Copenhagen, Denmark

Course convenor:

Jonas Eiberg, MD, PH.D. University of Copenhagen, Rigshospitalet, Denmark

Course directors:

Henrik Sillesen, MD, DMSc. University of Copenhagen, Rigshospitalet, Denmark.

Torben Schroeder, MD, DMSc. University of Copenhagen, Rigshospitalet, Denmark.

Leif Panduro Jensen, MD. University of Copenhagen, Rigshospitalet, Denmark.

Faculty:

Torben Lorentzen, MD, PH.D. Herlev Hospital, Denmark.

Niels Bækgaard, MD, University of Copenhagen, Gentofte Hospital, Denmark.

Charlotte Strandberg, MD, University of Copenhagen, Gentofte Hospital, Denmark.

Venue:

Department of Vascular Surgery 3111, Rigshospitalet

Blegdamsvej 9, 2100 Copenhagen, Denmark.

Dates:

Wednesday, 19. January 2011 (12:00) to Friday 21. January 2011 (15:00 app.)

Objective:

Vascular ultrasound is a rapidly developing modality in vascular surgery. The objective with this course is to make the participants able to perform some of the most *basic vascular ultrasound* examinations: duplex ultrasound of peripheral bypass's, abdominal aorta, iliac and femoral arteries and varicose veins. Other more *advanced vascular ultrasound* examinations will be covered more *superficially* in order to make the participants acquainted with the examinations: duplex ultrasound of the carotid artery and deep venous thromboses.

Participants will have an opportunity to practice their skills under supervision during the course.

This course corresponds to the theoretical part of EFSUMB Level 1 in Vascular Ultrasound (European Federation of Societies for Ultrasound in Medicine and Biology).

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 to vascular anatomy and physiology is expected.

Registrations fee:

€ 725 for ESVS members, € 825 for non-members. The fee includes course material and lunch.

Transport, accommodation and additional meals are not included.

Registration:

ESVS Office, Linda Nielsen

Frydendalsvej 3, 1st floor, 1809 Frederiksberg, Denmark

Tel: +45 2681 6186 / Fax: +45 3332 1390 / Email: Administration@esvs.org

Basic Course in Vascular Ultrasound

19–21. January 2011

Rigshospitalet, University of Copenhagen, Denmark

Hours	Wednesday 19 January	Thursday 20 January	Friday 21 January
0845 - 0900		Coffee	Coffee
0900 - 0945		Ultrasound and Doppler physics 1 Torben Lorentzen	Varicose veins Niels Bækgaard
0945 - 1000		Pause	Pause
1000 - 1045		Ultrasound and Doppler physics 2 Torben Lorentzen	Deep venous thrombosis (iliac-femoral segment) Charlotte Strandberg
1045 - 1100		Pause	Pause
1100 - 1145		Aorta and Iliac arteries Jonas Eiberg	Hands-on 3.1 <u>On patients</u>
1145 - 1200		Pause	Pause
1200 - 1245	Registration and welcome. Jonas Eiberg, Henrik Sillesen Sandwich and coffee	Femoral arteries and bypasses Jonas Eiberg	Hands-on 3.2 <u>On patients</u>
1300 - 1345	Vascular physiology and haemodynamics Torben Schroeder	Lunch	Lunch
1345 - 1400	Pause		
1400 - 1445	The clinical application of basic vascular ultrasound. Henrik Sillesen	Hands-on 2.1 <u>On patients</u>	Multiple choice test Miscellaneous: - Minimum training requirements - Quality control - Choice of equipment - Intro. to advanced vascular ultrasound Result of test Evaluation
1445 - 1500	Pause	Pause	
1500 - 1545	Hands-on 1.1 <u>On course participants</u> (Buttons, knobs, transducers, programs, clinical applications, hemodynamic measurements etc.)	Hands-on 2.2 <u>On patients</u>	
1545 - 1600	Pause	Pause	
1600 - 1630	Hands-on 1.2 <u>On course participants</u>	Hands-on 2.3 <u>On patients</u>	