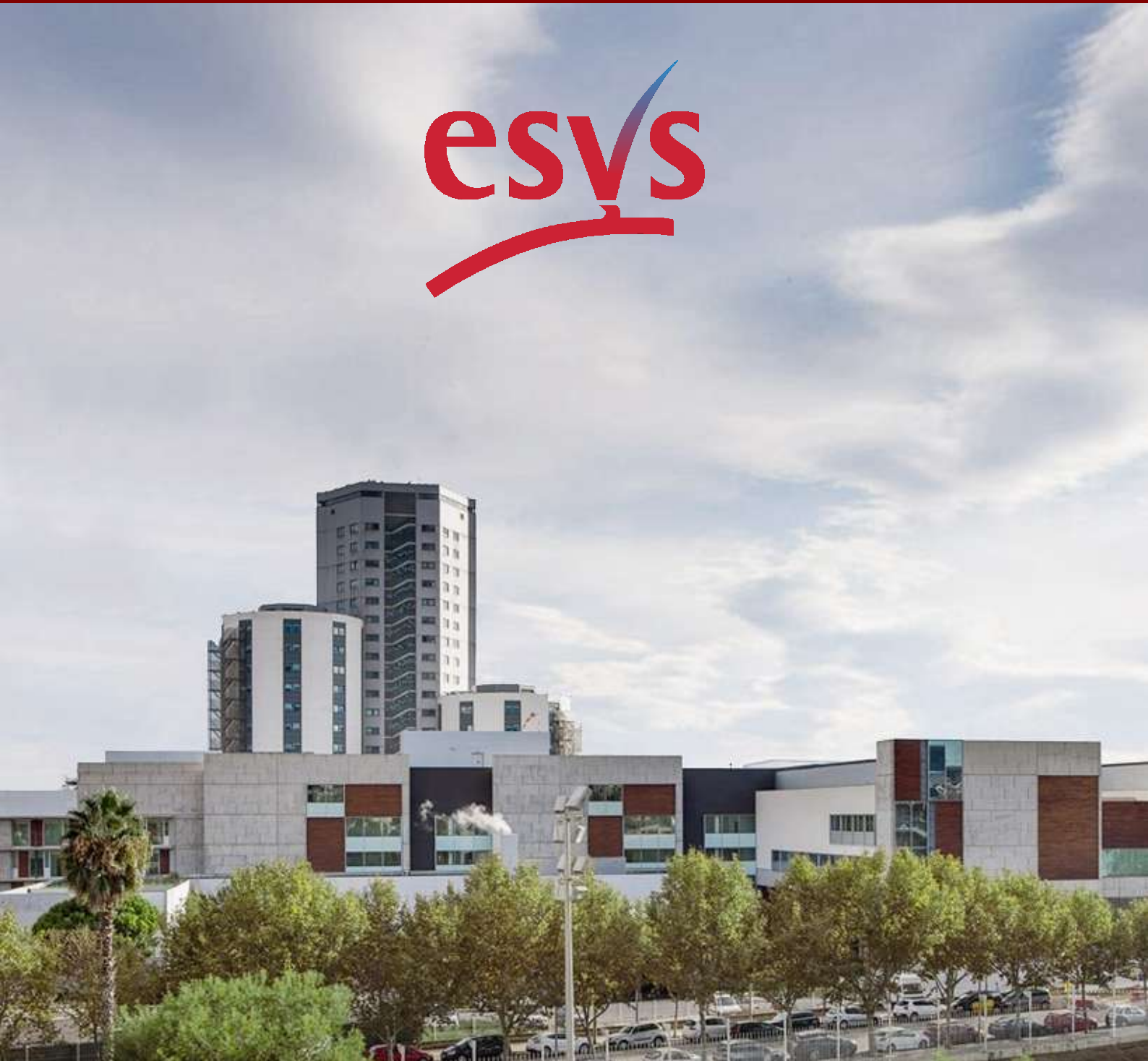


HANDS-ON WORKSHOP IN VASCULAR ULTRASOUND

Bellvitge University Hospital, BARCELONA (Spain)
2 - 4 May 2018

 **esvs**



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AIM

The objective of this course is to make the participant aware of the science behind, technical and practical aspects of some of the most common vascular ultrasound examinations, including arteries of lower limbs, carotid and vertebral arteries, veins, bypasses, EVAR surveillance and US guided puncture. It is addressed mainly to the novice trainees and will allow them to gain in depth and up to date knowledge of vascular ultrasound examinations. The course is preceded by an on-line blended learning module that will introduce the participants to the basic knowledge of ultrasound and the standards of the different examinations. Most prominent topics and all presentations will be available on-line to enable participants to prepare for the hands-on workshop. During the course, participants will be presented to an intensive series of short lectures focussed on technical aspects of the different US examinations, commenting them while performing one in the same room on selected patients. After the break, participants will have the opportunity to practice their skills under supervision (4 participants /1 tutor/ station) on patients and silicone models for US guided puncture. Hands-on sessions will take 5 hours each day.

VENUE

The course will be held at the University Building and the Vascular Lab of Hospital Universitari de Bellvitge, Barcelona (Spain). The course will be in English.

http://www.bellvitgehospital.cat/en_gettohospital.html

FACULTY

Convenors:	Ramon Vila MD. Head Vascular Surgery Dept. Hospital Universitari de Bellvitge
	Jonas Eiberg MD. PhD, Ass. Prof., Dept. Vasc Surg, Rigshospitalet, Copenhagen, Denmark
Tutors:	M. Angeles Menéndez MD. Vascular Surgeon Hospital Central de Asturias (Oviedo)
	Antoni Romera MD. PhD. Vascular Surgeon Hospital Universitari Bellvitge
	José Escribano MD. PhD. Vascular Surgeon Hospital Vall d'Hebron (Barcelona)
	Elena Iborra MD. PhD. Vascular Surgeon Hospital Universitari Bellvitge
	F. Xavier Marti MD. PhD. Vascular Surgeon Hospital Universitari Bellvitge
	Carles Martinez Rico MD. Vascular Surgeon Hospital Universitari Bellvitge
	Jorge Cuenca MD. Vascular Surgeon Hospital Clínico San Cecilio (Granada)
	Begoña Gonzalo MD. Vascular Surgeon Hospital Universitari de Bellvitge
BLM Tutor :	Gaspar Mestres MD. PhD. Vascular Surgeon Hospital Clínic (Barcelona)

REGISTRATION

The registration fee is €700 for ESVS members and €750 for non-members. It includes course material, coffees, lunch and course dinner (3rd May). Transport, accommodation and additional meals are not included. To register please click the link below

<http://www.esvs.org/event/esvs-hands-on-course-in-vascular-ultrasound>

PROGRAMME

ON-LINE BLENDED LEARNING MODULE

Starts	Monday 16 April	Ends	Monday 30 April
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CLASSROOM & HANDS-ON COURSE

Time	Wednesday 2 May	Time	Thursday 3 May	Friday 4 May
8:00	Registration & Welcome			
8:30	Introduction to the course R. Vila	8:30	Arterial physiology & hemodynamics J. Escribano	Bypass & stent follow-up <i>Theory & demo</i> C.Martinez
8:40	Principles & instruments of doppler ultrasound J. Eiberg	9:00	Carotids & carotid stent E.Iborra	EVAR follow-up J. Cuenca
9:40		9:30	AAA & Aortoiliac mapping J. Eiberg	AV fistula planning & follow-up <i>Theory & demo</i> B. Gonzalo
10:00		10:00	Infrainguinal mapping X. Marti	Miscelaneous <i>Diagnostic & follow-up algorithms</i> <i>Minimum training requirements</i> <i>Choice of equipment</i>
10:00	Varicose veins <i>Theory & demo</i> M.A. Menendez	10:00		
10:30	Deep Venous Thrombosis <i>Theory & demo</i> A. Romera	10:30	US guided porcedures C.Martinez	Evaluation <i>Multiple choice test</i> <i>Results of test</i>
11:00	<i>Walk to Outpatient clinic & coffee break</i>	11:00	<i>Walk to Outpatient clinic & coffee break</i>	Course Ends
11:30	Hands-on 1 <i>on course participants</i> Buttons, knobs, transducers & settings	11:30	Hands-on 4 Arterial <i>on patients</i>	
13:00	Lunch	13:00	Lunch	
14:30	<i>Walk to Outpatient clinic</i>	14:30	<i>Walk to Outpatient clinic</i>	
15:00	Hands-on 2 Venous <i>on patients</i>	15:00	Hands-on 5 Arterial <i>on patients</i>	
16:30	<i>Pause</i>	16:30	<i>Pause</i>	
16:45	Hands-on 3 Venous <i>on patients</i>	16:45	Hands-on 6 Arterial <i>on patients</i>	
18:30		18:30		

20:00

Course Dinner