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East of England Level 1 Echo Course Programme



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Date:	4th November 2023
Venue:	Churchill College, Cambridge.
Organised by:	Echo Quality Solutions LTD.
Sponsored by:	Philips Echocardiography Intelligent Ultrasound
Course Director:	Dr Mark Belham
Faculty:	Tiago Marta Bruno Matos Emma Morgan Beatriz Vasquez

This course has been designed to introduce delegates to focused echocardiography and will cover the majority of the British Society of Echocardiography (BSE) level 1 syllabus. It is particularly relevant for doctors involved in the care of acutely ill patients who wish to develop focussed bedside echocardiography skills; most especially doctors specialising in emergency medicine, acute medicine, anaesthetics and cardiology. It would also be suitable for junior physiologists/ healthcare scientists. It will help prepare those delegates who are considering starting the BSE accreditation process and will consolidate the knowledge and expertise of those who have already begun it.

The course consists of a pre-recorded lecture series followed by an in-person hands-on interactive teaching day.

The lecture series covers the assessment of cardiac size and function, valvular disease, volume status and the pericardium. Delegates will have access to this material for 2 weeks before and 2 weeks after the in person teaching day.

The in-person teaching day consist of lectures on machine optimisation and the physics of ultrasound followed by case-based discussions (classroom based) and small group (3 - 4 delegates per station), supervised, hands-on echo scanning (stations include live models and simulators).

Programme for in-person teaching day:

08.30 - 09.00	Registration
09.00 - 09.30	Welcome and Introduction to BSE Level 1 Echocardiography Mark Belham
09.30 - 10.00	Imaging physics, instrumentation, image optimisation & Doppler Sueli Gomes (Cardiac Ultrasound Applications Specialist, Philips UK)





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10.00 - 10.30	Tea/Coffee
10.30 - 11.30	Group A Case Based Discussions Group B Hands-on echo scanning
11.30 - 12.30	Group B Case Based Discussions Group A Hands-on echo scanning
12.30 - 13.30	Lunch
13.30 - 15.00	Group A Case Based Discussions Group B Hands-on echo scanning
15.00 - 15.30	Tea/Coffee
15.30 - 17.00	Group B Case Based Discussions Group A Hands-on echo scanning
17.00 - 17.15	Closing remarks

Please note that Echo Quality Solutions LTD reserves the right to make minor alterations to the programme, speakers, or venue of any of our courses.