

BASIC ECHO 2024 programme

23-24 September, Norton House, Edinburgh

Day 1

0830 - 0900	Registration Tea / coffee, fruit, pastries	
0900 - 0910	Introduction and welcome	Stephen Glen
0910 - 0950	Normal views <i>Step by step approach to a normal study with tips to optimise image acquisition and how to identify normal cardiac structures</i>	Joanne Cusack
0950 - 1030	Interactive case reviews - left ventricular function <i>Ejection fraction (HFrEF, HFpEF), global and regional abnormalities, contrast, strain</i>	Stephen Glen
1030 - 1120	Mitral valve <i>Normal structure, stenosis, regurgitation, quantification of regurgitant volume including PISA</i>	Chris Gingles
1120 - 1140	Tea / coffee	
1140 - 1230	Aortic valve and aorta <i>Normal aortic valve, congenital abnormalities, stenosis and regurgitation, continuity equation, thoracic aorta including dissection and coarctation</i>	Fiona Shearer
1230 - 1300	Physics <i>Interactive tips to improve image quality and to help with common exam questions</i>	Stephen Glen
1300 - 1400	Lunch	
1400 - 1500	Adult congenital heart disease <i>Step by step approach to situs, common congenital abnormalities including atrial, ventricular and atrioventricular septal defects, post correction appearances including Tetralogy of Fallot, univentricular heart.</i>	Joanne Cusack
1500 - 1550	Practical scanning session or Video exam 1	
1550 - 1610	Tea / coffee	
1610 - 1700	Practical scanning session or Video exam 1	
1830	Welcome reception	
1900	Dinner	

Day 2

0830 – 0900	Registration Tea / coffee, fruit, pastries	
0900 - 0930	Complications of myocardial infarction <i>Ventricular septal defect, flail mitral valve, left ventricular thrombus, shock</i>	Alistair Cormack
0930 - 1000	Diastolic function <i>Step by step approach to diastolic function including mitral inflow, hepatic and pulmonary venous Doppler, non-invasive estimation of left atrial filling pressure.</i>	Stephen Glen
1000 – 1040	Right heart <i>Assessment of filling pressures, pulmonary hypertension and acute pulmonary embolism, tricuspid and pulmonary valve dysfunction</i>	Joanne Cusack
1040 - 1100	Tea / coffee	
1100 – 1140	Prosthetic valves and cardiac devices <i>Common mechanical and bioprosthetic valve appearances, prosthetic dysfunction</i>	Anne Scott
1140 – 1220	Cardiac masses <i>Primary and secondary cardiac tumours, thrombus, endocarditis, foreign bodies.</i>	Stephen Glen
1220 – 1300	Cardiomyopathies and diseases of the pericardium <i>Hypertrophic, dilated, infiltrative patterns, non-compaction, restriction versus constriction, cardiac tamponade, pericardiocentesis</i>	Crawford Halliday
1300 – 1400	Lunch	
1400 – 1500	Practical scanning session or Mock video exam 2	
1500 – 1520	Tea / coffee / snack	
1520 – 1620	Practical scanning session or Mock video exam 2	
1620	Accreditation <i>BSE and EACVI accreditation pathways, exam and logbook tips, mentoring</i>	Joanne Cusack
1630	Summary and feedback on course	Stephen Glen