

# BASIC ECHO 2024 programme

## 4 – 5 November, Norton House, Edinburgh

### Day 1

0830 - 0900	<b>Registration</b> Tea / coffee, fruit, pastries	
0900 – 0910	<b>Introduction and welcome</b>	Stephen Glen
0910 – 0950	<b>Normal views</b> <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	<b>Interactive case reviews - left ventricular function</b> <i>Ejection fraction (HFrEF, HFpEF), global and regional abnormalities, contrast, strain</i>	Stephen Glen
1030 – 1120	<b>Mitral valve</b> <i>Normal structure, stenosis, regurgitation, quantification of regurgitant volume including PISA</i>	Chris Gingles
1120 – 1140	<b>Tea / coffee</b>	
1140 - 1230	<b>Aortic valve and aorta</b> <i>Normal aortic valve, congenital abnormalities, stenosis and regurgitation, continuity equation, thoracic aorta including dissection and coarctation</i>	Fiona Shearer
1230 – 1300	<b>Physics</b> <i>Interactive tips to improve image quality and to help with common exam questions</i>	Stephen Glen
1300 – 1400	<b>Lunch</b>	
1400 – 1500	<b>Adult congenital heart disease</b> <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	<b>Practical scanning session or Video exam 1</b>	
1550 - 1610	<b>Tea / coffee</b>	
1610 - 1700	<b>Practical scanning session or Video exam 1</b>	
1830	<b>Welcome reception</b>	
1900	<b>Dinner</b>	

## Day 2

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