

# **BASIC ECHO 2025 programme**

## **17 – 18th 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>	Russell Everett
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

**Speakers:**

Dr Alistair Cormack	Consultant Cardiologist, NHS Greater Glasgow & Clyde
Joanne Cusack	Cardiac Physiology Manager, Clyde Sector, NHS Greater Glasgow & Clyde
Dr Russell Everett	Consultant Cardiologist, NHS Fife
Dr Chris Gingles	Consultant Cardiologist, NHS Forth Valley
Dr Stephen Glen	Consultant Cardiologist, NHS Forth Valley
Dr Crawford Halliday	Consultant Cardiologist, NHS Greater Glasgow & Clyde
Dr Fiona Shearer	Consultant Cardiologist, NHS Forth Valley