

PROGRAMME

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DAY ONE - TUESDAY

SESSION 1: PRINCIPLES AND PRACTICE

09:00	Welcome	
09:15	Ultrasound Physics Controls, Optimisation and Correct Measurement 2DE, M mode & Doppler, Pitfalls and Artefacts	Richard Wheeler
10:00	The Transthoracic Echocardiogram The Systematic Approach to Performing a Comprehensive Echo	Nav Masani

10:45 *Refreshment break and visit the Exhibition*

SESSION 2: ASSESSING THE LEFT VENTRICLE

11:15	Assessing the Left Ventricle Basic Assessment: Size, Wall Thickness and Function Advanced (1): Quantitation - EF & WMSI	Jim Newton
12:00	Assessing the Left Ventricle Advanced (2): Diastolic Function and Strain	Jim Newton

12:45 *Lunch and visit the Exhibition*

SESSION 3: ASSESSING THE LEFT VENTRICLE (Advanced)

13:45	Heart Muscle Disease and Failure HCM	Rick Steeds
14:30	Heart Muscle Disease Amyloid, Fabry's	Rick Steeds
15:15	<i>Refreshment break and visit the Exhibition</i>	
15:45	Pericardial Disease Effusion, Constriction (vs. restriction)	Jim Newton
16:30	Complications of MI	Richard Wheeler
17:00	Close and Drinks Reception	

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DAY TWO - WEDNESDAY

SESSION 4: DISEASES OF THE VALVES

09:00	Aortic Stenosis Basic Assessment of AS	Guy Lloyd
	Advanced: AS; Low Flow, Low Gradient	
09:45	Mitral Stenosis Advanced: Tricky Doppler Patterns, Suitability for BMV	Bushra Rana
10:15	<i>Refreshment break and visit the Exhibition</i>	
10:45	Mitral Regurgitation Basic Assessment of MR Advanced: Quantitative Doppler Suitability for MV Repair	Bushra Rana
11:30	Aortic Regurgitation Basic Assessment of AR Advanced: Indications for Surgery	Guy Lloyd
12:00	Prosthetic Valve Assessment Basic: Characteristics of PV's, Artifacts and Pitfalls Advanced: PV Dysfunction	Adrian Ionescu
13:00	<i>Lunch and visit the Exhibition</i>	

SESSION 5: CARDIAC DISEASE

14:00	Diseases of the Right Heart Basic Assessment - incl. Pressure/Volume Overload Advanced: Right Heart Disease - incl. Carcinoid, Ebstein etc.	Abbas Zaidi
15:00	Echocardiology in Stroke	Bushra Rana
15:15	<i>Refreshment break and visit the Exhibition</i>	
16:00	Endocarditis (TTE cases)	Abbas Zaidi
16:30	Great Cases	Richard Wheeler
17:30	Close of Day 2	Richard Wheeler

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DAY THREE - THURSDAY

SESSION 6: ECHO IN EMERGENCIES

09:00	Echo in Emergencies/Critical Care	Chris Gough
10:00	Echo Reporting — Systematic Approach, Reporting Template	Nav Masani
10:30	<i>Refreshment break and visit the Exhibition</i>	
11:00	Great Cases	Abbas Zaidi
11:45	Critical Thinking in Echo/Doppler — Quiz	Nav Massani
12:30	<i>Lunch and visit the Exhibition</i>	

SESSION 7: CONGENITAL HEART DISEASE

13:30	Congenital Heart Disease (1) Anatomy Demonstration — Virtual Basic Principles	Nav Masani Andrew Cook
15:00	<i>Refreshment break and visit the Exhibition</i>	

SESSION 8: CONGENITAL HEART DISEASE

15:30	Congenital Heart Disease (2) Anatomy Demonstration — Virtual Complex Disease (Complete AVSD, Tetralogy of Fallot)	Nav Masani Andrew Cook
16:30	Feedback and Comments	
17:00	Close	

NAME	JOB TITLE	HOSPITAL	OTHER AFFILIATION
Nav Masani - Course Director	Consultant Cardiologist, Associate Medical Director for Clinical Strategy	University Hospital of Wales, Cardiff & Vale Health Board	British Society of Echocardiography roles: past- President, Chairman of Education Committee, BSE guideline author (multiple), Conference Director, EQF author. Previous training roles: BCS Executive, Cardiology Specialist Advisory Committee, Cardiology Training Lead in Wales. Course Director: Cardiff Echocardiography. Co- director, Bristol ACHD Echocardiography. Faculty, Stellenbosch University SUN Echo
Andrew Cook	Professor of Cardiac Anatomy	UCL Institute of Cardiovascular Science	
Chris Gough	Consultant Intensivist and Anaesthetist	University Hospital of Wales	Clinical Lead for Critical Care Echo
Adrian Ionescu	Consultant Echocardiologist	Morriston Hospital	
Guy Lloyd	Consultant Cardiologist and Director of Cardiac Diagnostics	Bart's Heart Centre / UCLH / Cleveland Clinic London	Hon Secretary of British Cardiovascular Society, Past President of the BSE
Rick Steeds	Consultant Cardiologist	Queen Elizabeth Hospital Birmingham, University Hospitals Birmingham NHS Foundation Trust	Honorary Professor of Cardiovascular Medicine Deputy Director of Clinical Research in Cardiovascular Imaging Institute of Cardiovascular Sciences. Past President of the BSE.
Jim Newton	Consultant Echocardiologist	Oxford University Hospitals NHS trust and Cleveland Clinic, London	
Bushra Rana	Consultant Cardiologist, Clinical Lead for Non-Invasive and Echocardiography Services	Imperial College Healthcare NHS Trust, Honorary Senior Lecturer Imperial College London	Past Chair BSE Education Committee and Council Member, BSE Guidelines Author, Co-Director CSI (Cardiovascular Structural Interventions) Conferences (Frankfurt)
Richard Wheeler	Consultant Cardiologist and Clinical Director of Cardiac Services	University Hospital of Wales	BSE Guidelines Author, past member of Education Committee BSE
Abbas Zaidi	Consultant Cardiologist - Cardiac Imaging, Heart Muscle Diseases, and Sports Cardiology	University Hospital of Wales	BSE Guidelines Author: Strain Imaging (in preparation), Tricuspid and Pulmonary Valves - 2021 (lead author), Right Heart - 2020 (lead author), Sports Cardiology - 2018, ARVC - 2013