

THE CARDIFF ECHOCARDIOGRAPHY COURSE

Tuesday 21st – Thursday 23rd September 2021

PROGRAMME

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DAY ONE - TUESDAY 21st SEPTEMBER

SESSION 1: PRINCIPLES AND PRACTICE

09:00	Welcome	
09:15	Ultrasound Physics Controls, Optimization and Correct Measurement 2DE, M mode & Doppler, Bernoulli, Continuity Equation	Richard Wheeler
10:00	The Transthoracic Echocardiogram The Systematic Approach to Performing a Comprehensive Echo	Nav Masani
10:45	<i>Refreshment break</i>	

SESSION 2: ASSESSING THE LEFT VENTRICLE

11:00	Assessing the Left Ventricle Basic Assessment Advanced (1): Quantitation - EF & WMSI	Guy Lloyd
11:45	Assessing the Left Ventricle Advanced (2): Diastology. Long Axis Function	Guy Lloyd
12:45	<i>Lunch</i>	

SESSION 3: ASSESSING THE LEFT VENTRICLE (Advanced)

13:45	Heart Muscle Disease (1) Insights from TDI, strain imaging	Alan Fraser
14:15	Heart Muscle Disease (2) Case Studies, incl. HCM, DCM	Alan Fraser
15:00	<i>Refreshment break</i>	
15:30	Pericardial disease Effusion, Constriction (vs restriction)	Nav Masani
16:15	Complications of MI	Richard Wheeler
16:45	Close and Drinks Reception	

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DAY TWO - WEDNESDAY 22nd SEPTEMBER**SESSION 4: DISEASES OF THE VALVES**

09:00	Aortic Stenosis Basic Assessment of AS Advanced: AS; Low Flow, Low Gradient	John Chambers
09:45	Mitral Stenosis Basic Assessment of Rheumatic MVD Advanced: Tricky Doppler Patterns, Suitability for BMV	Bushra Rana
10:15	<i>Refreshment break</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	John Chambers
12:00	Prosthetic Valve Assessment Basic: Characteristics of PV's, Artifacts & Pitfalls Advanced: PV Dysfunction	Adrian Ionescu
13:00	<i>Lunch</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	Endocarditis	John Chambers
15:30	<i>Refreshment break</i>	
16:00	Echocardiography in Stroke	Bushra Rana
16:30	Case Studies and Reporting	Richard Wheeler
17:30	Close of Day Two	

DAY THREE - THURSDAY 23rd SEPTEMBER

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SESSION 6: ECHO IN EMERGENCIES

09:00	Echo in Emergencies/Critical Care	Nav Masani
09:30	Echo reporting - Systemic approach, reporting template	Nav Masani
10:30	<i>Refreshment break</i>	
11:00	Critical Thinking in Echo/Doppler - Quiz	Nav Masani
11:45	Great Cases	Abbas Zaidi
12:30	<i>Lunch</i>	

SESSION 7: CONGENITAL HEART DISEASE

13:30	Congenital Heart Disease (1) Anatomy Demonstration Basic Principals	Nav Masani Andrew Cook
15:00	<i>Refreshment break</i>	

SESSION 8: CONGENITAL HEART DISEASE

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