

08:00 – 10:00	REGISTRATION	
		Prestonfield Room
		08:30 – 09:30
		08:30 Cardiac CT basics/for the non-specialist
		08:50 Cardiac CMR basics/for the non-specialist
		09:10 Nuclear cardiac imaging basics/for the non-specialist
	Pentland Room	
10:00 – 10:20	Welcome	
	Session 1: The year in multimodality Cardiovascular Imaging	
	10:20 The year in cardiac imaging - CT	
	10:40 The year in cardiac imaging - MRI	
10:20 – 11:50	11:00 The year in cardiac imaging - Nuclear	
	11:20 The year in cardiac imaging - Echo	
	11:40 Discussion / questions	
	Session 2: State of the art imaging	
11:50 – 12:30	11:50 State of the art imaging of anatomy versus function	
	12:10 State-of-the-art imaging in congenital cardiac disease	
12:30 – 13:30	LUNCH	
	Industry Luncheon Symposium – Shire Pharmaceuticals Ltd	
		13:00 – 13:30
	Industry Session 1	
	13:30 GE Healthcare	
	13:45 Heartflow	
	Session 3: Multimodality imaging coronary artery disease / ischaemic heart disease	
	14:00 Magnetic resonance angiography and plaque analysis - ready for prime time	
	14:20 Imaging adipose tissue in cardiovascular disease	
14:00 – 15:30	14:40 New and old tracers in cardiovascular disease	
	15:00 High risk atherosclerotic plaques	
	15:00 Discussion / questions	
	Case Based Learning 1: Basics of ischaemic and coronary artery disease	
	10:00 Imaging cases - MRI basic	
	10:30 Imaging cases - CT basic	
	11:00 Imaging cases - nuclear basic	
	11:30 Imaging cases - MRI and CT basic	
	12:00 Imaging cases - MRI and nuclear basic	
	Case based learning 2 - Basics of ischaemic and coronary artery disease	
	13:30 Imaging cases - CT and nuclear basic	
	14:00 Imaging cases basic - Congenital	
	BSCI/BSCCT Young Investigator	
		14:30 – 15:30
15:30 – 16:00	COFFEE & Moderated electronic poster session in Marquee	
16:00 – 17:00	Keynote Lecture 1: Multimodality imaging in Cardiovascular disease Dr Marcelo Di Carli	
17:00 – 18:00	Debate 1: This house believes that assessment of atherosclerotic plaque is more important than assessment of perfusion	
		Holyrood Room
		11:30 – 12:30
		Joint BSCI/BSCCT, BSCMR, BNCS Multimodality Imaging Case reports - Part 1



DAY 2 – THURSDAY 3 rd MAY 2018	07:00	Early Morning Run up Arthurs Seat			
	08:00 – 09:00	REGISTRATION			
	08:00 – 09:00	Industry Breakfast Symposium: Circle Cardiovascular Imaging			
		Pentland Room		Prestonfield Room	Holyrood Room
		A	B		
	09:00 – 10:30	Session 4A: Imaging pulmonary artery hypertension and thromboembolic disease		Session 4B: Imaging in valvular heart disease	
		09:00 Chronic thromboembolic disease: introduction, pathophysiology & current guidelines		09:00 Advanced echo assessment of valvular heart disease	
		09:20 Multimodality imaging of CTEPH		09:20 CT imaging in aortic valve disease (calcium scoring and TAVI assessment)	
		09:40 Balloon pulmonary angioplasty: emerging treatment for CTEPH		09:40 CMR imaging of valve disease	
		10:00 Machine learning in pulmonary hypertension		10:00 PET imaging of valve disease	
		10:20 Discussion / questions		10:20 Discussion / questions	
	10:30 – 11:00	COFFEE			
	11:00 – 12:30	Session 5A: Imaging devices, endocarditis, electrophysiology		Session 5B: Essential non-imaging skills	
		11:00 Native valve endocarditis an overview		11:00 Accreditation vs examination	
		11:20 Prosthetic valve endocarditis - nuclear imaging		11:20 Standardised reporting - pros and cons	
		11:40 Cardiac device infection from the implant perspective		11:40 How are we to deliver cardiac imaging to meet new guidelines? Current status, workforce and service planning	
		12:00 Multimodality imaging for electrophysiology		12:00 Getting it right first time in the era of multimodality imaging	
		12:20 Discussion / questions		12:20 Discussion / questions	
12:30 – 13:30	LUNCH				
13:30 – 15:30	Industry Session 2			Case based learning 3: Myocardial, cardiomyopathy, heart failure	
	13:30 Siemens Healthineers			13:30 Imaging cases - MRI and nuclear	
	13:45 Canon Medical				
	14:00 InHealth			14:00 Imaging cases - CT and MRI	
	Session 6: Advanced image analysis in cardiovascular imaging				
	14:15 Cardiac MR quality analysis using machine learning			14:30 Imaging cases - CT and nuclear basic	
	14:35 Deep learning for intelligent cardiac imaging				
14:55 Artificial intelligence and cardiovascular imaging			15:00 Imaging cases - Miscellaneous		
15:15 Precision medicine in 2020					
15:35 Discussion / questions					
15:45 – 16:15	COFFEE & Moderated electronic poster session in the Merquee				
16:15 – 17:00	Keynote Lecture 2: The Future of Cardiac CT - Dr Jonathon Leipsic				
17:00 – 18:00	Multimodality imaging quiz				
19:00	Evening Dinner at The Caves				



DAY 3 – FRIDAY 4th MAY 2018	08:00 – 09:00	REGISTRATION		
	08:00 – 09:00	Industry Breakfast Symposium		
		Pentland Room		Prestonfield Room
		A	B	
	09:00 – 10:30	Session 7A : Imaging of infiltrative diseases - amyloid, sarcoid	Session 7B : Imaging in acute chest pain	Case based learning 4: Valves, pericardial, aorta
		09:00 MRI imaging in sarcoidosis	09:00 CT in acute chest pain	09:00 Imaging cases MRI
		09:20 The role of hybrid imaging in cardiac sarcoidosis	09:20 MRI in acute chest pain	09:30 Imaging cases CT
		09:40 MR imaging in amyloidosis	09:40 Nuclear imaging in acute chest pain	10:00 Imaging cases nuclear
		10:00 Nuclear imaging and amyloidosis	10:00 Triple rule out - pros and cons	
		10:20 Discussion / questions	10:20 Discussion / questions	
	10:30 – 11:00	COFFEE		
	11:00 – 12:30	Session 8A: Potential risks of cardiovascular imaging	Session 8B: Imaging inherited cardiac disease	Read with the Experts: Pot pourri
11:00 What are the risks from ionising radiation in cardiovascular imaging? An update		11:00 Hypertensive heart disease	11:00 Imaging cases MRI	
11:25 What are the risks from the biological effects of CMR? An update		11:20 Exercise induced cardiomyopathies	11:30 Imaging cases CT	
11:50 Risks of gadolinium contrast agents - what is the evidence?		11:40 Imaging in sudden cardiac death (family screening etc.)	12:00 Imaging cases nuclear	
12:15 Panel discussion		12:00 Post-mortem cardiac imaging - can imaging add to the diagnosis?		
	12:20 Discussion / questions			
12:30 – 13:30	LUNCH		BNCS AGM	
13:30 – 14:30	Keynote Lecture 3: PET/MRI - how should we use it in cardiovascular imaging? - Professor Frank Bengel			
14:30 – 15:00	COFFEE			
15:00 – 16:00	Session 9: Top trials in cardiovascular imaging			
	15:00 Top trials CT			
	15:15 Top trials MRI			
	15:30 Top trials Nuclear cardiology			
	15:45 Discussion			
16:00	MEETING CLOSE			

This course provides 18 CPD credits in accordance with the CPD Scheme of the Royal College of Radiologists

18 CPD credits have been applied for through the Royal College of Physicians

