

BSCI/BSCCT Annual Spring Conference

Keble College, Oxford

**MONDAY 13TH & TUESDAY 14TH
SEPTEMBER 2021**

bsci bscCT

08:30 – 09:00	DAY ONE REGISTRATION (MONDAY 13 TH SEPTEMBER)			
	O'Reilly Theatre		Douglas Price Room	
09:00 – 09:10	Welcome and introduction O'Reilly Theatre	Chair: Dr Russell Bull Dr Andrew Kelion		
09:10 – 09:40	Session 1: Cardiac imaging: Where are we going? O'Reilly Theatre	Chair: Dr Andrew Kelion Prof David Newby		
09:40 - 11:10	Debates in imaging and cardiology 1: O'Reilly Theatre <i>This house believes that:</i> 09:40 Most PCI in patients with stable CAD is an unnecessary mistake	Moderator: Prof Carl Roobottom For: Prof Darrel Francis Against: Dr Jeremy Langrish	09:40 – 11:10 Read with the Experts 1: CCTA in patients with known coronary artery disease	Dr Mark Hamilton Douglas Price Room
	10:10 Reporting a wide field-of-view in CCTA does more harm than good	For: Dr Andrew Kelion Against: Dr Charles Peebles		
	10:40 Calcium scoring no longer has any role in routine coronary CT for chest pain	For: Dr James Stirrup Against: Gp Capt Edward Nicol		
11:10 – 11:15	Award for... Biggest LV in an outpatient O'Reilly Theatre			
11:15 – 11:45	Coffee Break Moderated poster presentations Session 1: Structural Heart Disease in the Arco meeting rooms			
11:45 – 13:15	Session 2: Cardiac Imaging you will probably never do! 11:45 Babies	Chair: Dr Fiona MacLeod Dr Tom Semple	11:45 – 13:15 Read with the Experts 2: CMR in patients with “heart failure ?cause”	Prof Vanessa Ferreira Douglas Price Room
	12:15 The Dead	Dr Rachel Benamore		
	12:45 Animals O'Reilly Theatre	Prof Virginia Luis Fuentes		
13:15 – 13:45	Annual General Meeting for BSCI/BSCCT members			
13:15 – 14:15	Lunch – Hot lunch in Keble College hall followed by poster viewing, coffee and dessert in the Arco meeting rooms			
14:15 – 14:45	Industry session 1: 14:15 Canon Medical		14:15 – 15:45 Read with the Experts 3: Reporting CCTA extra-cardiac findings: An insider's guide	Dr Heiko Peschl Douglas Price Room
	14:30 HeartFlow O'Reilly Theatre			
14:45 – 14:50	Award for...most complex congenital heart disease presenting in an adult O'Reilly Theatre			
14:50 – 15:40	Session 3: Scientific oral presentations O'Reilly Theatre	Chair: Prof Stefan Neubauer		
15:40 – 16:00	Session 4: BSCI/BSCCT National audit – invasive testing after CCTA following introduction of NICE CG95 update O'Reilly Theatre	Dr Gareth Morgan-Hughes		
16:00 – 16:25	Afternoon Tea Moderated poster presentations Session 2: Coronary Artery Disease in the Arco meeting rooms			
16:25 – 17:10	Keynote Lecture: The future of cardiovascular CT O'Reilly Theatre	Chair: Dr Russell Bull Dr Eric Williamson		
	Session 5: BSCI/BSCCT Multimodality Imaging Quiz O'Reilly Theatre	Quizmaster: Dr JP Carpenter		
17:10 – 18:10				
18:30 - 19:15	Pre-dinner drinks in Keble College followed by Conference Dinner at 19:30 in Keble College Formal Hall			

07:30 - 08:00	Morning run around South Parks (opposite Keble College): meet 07:30 at Keble Porters Lodge			
08:00 – 08:30	DAY TWO REGISTRATION (TUESDAY 14 TH SEPTEMBER)			
	O'Reilly Theatre		Douglas Price Room	
08:30 – 08:35	Award for...Nastiest endocarditis	O'Reilly Theatre		
08:35 – 09:35	Session 6: Imaging of infiltrative myocardial diseases	Chair: Dr Deepa Gopalan	09:00 – 10:30 Read with the Experts 4 : CT in patients with Adult Congenital Heart Disease	Dr Liz Orchard Dr James Shambrook Douglas Price Room
	08:35 Sarcoidosis	Dr Eleanor Wicks		
	08:55 Amyloidosis	Dr Leon Menezes		
09:35 - 10:35	09:15 Storage disorders	O'Reilly Theatre	09:00 – 10:30 Read with the Experts 4 : CT in patients with Adult Congenital Heart Disease	Dr Liz Orchard Dr James Shambrook Douglas Price Room
	Session 7: Multimodality read with the experts	Chair: Dr Nikant Sabharwal		
	O'Reilly Theatre	Dr Gareth Morgan-Hughes Dr Matthias Schmitt Dr Jim Newton Dr Rebecca Schofield		
10:35 – 11:05	Coffee Break			
11:05 – 12:05	Debates in imaging and cardiology 2: Balloon debate - Which is the most important? Luminal stenoses Ischaemia Plaque burden and characteristics Perivascular fat attenuation	Moderator: Dr Matthias Schmitt Dr Timothy Fairbairn Dr Matt Balerdi Dr Michelle Williams Prof Charis Antoniadis	11:05 – 12:35 Read with the Experts 5 : CT in patients being assessed for TAVI	Dr Sam Dawkins Dr Ben Holloway Douglas Price Room
12:05 – 12:35	Industry Session 2: 12:05 Siemens Healthineers			
	12:20 GE Healthcare	O'Reilly Theatre		
12:35 – 13:35	Lunch – Hot lunch in Keble College hall followed by poster viewing, coffee and dessert in the in the Arco meeting rooms			
13:35 – 13:40	Award for...Most convincing “animal” seen using cardiac imaging	O'Reilly Theatre		
13:40 – 14:25	Session 8: Trainee case presentations	Chairs: Drs Alastair Moss and Jamie Kitt		
14:25 – 15:25	Session 9: Top 5 papers in imaging and cardiology in 2019	Chair: Dr Giles Roditi		
	14:25 Echocardiography	Dr Paul Leeson		
	14:37 Cardiovascular CT	Dr Jonathan Weir-McCall		
	14:49 Cardiac Magnetic Resonance	Prof Vanessa Ferreira		
15:25 – 15:35	15:01 Scintigraphy	Dr Rebecca Schofield		
	15:13 Structural intervention	O'Reilly Theatre		
	Final Comments	O'Reilly Theatre	Chair: Dr Russell Bull	
15:35 - 16:05	Afternoon Tea			

Scientific abstract presentations (oral and moderated posters)

	Session 3: Scientific oral presentations – Young Investigators Award (Thursday 26th March 2020) O'Reilly Theatre	Chair: Prof Stefan Neubauer
1450	OP1 Coronary artery disease and atherosclerotic plaque subtypes in patients with suspected angina and a coronary calcium score of zero	Ms Maia Osborne-Grinter University of Edinburgh
1502	OP2 18F-Fluoride PET/MR in cardiac amyloid: a comparison study with aortic stenosis and age and sex matched controls	Dr Jack Andrews University of Edinburgh
1514	OP3 Improved cardiac risk stratification in individuals with high risk plaque features using the perivascular fat attenuation index on CCTA	Dr Christos Kotanidis University of Oxford
1526	OP4 Pericoronary adipose tissue density is greater in Takayasu arteritis than atherosclerosis and is associated with coronary arterial inflammation measured by 68Ga-DOTATATE PET	Dr Christopher Wall University of Cambridge

	Moderated poster presentations Session 1: Structural Heart Disease (Thursday 26th March 2020) Arco meeting rooms	Moderators:
1120	M1 Computed tomography prior to transcatheter aortic valve implantation in the United Kingdom	Dr Iwan Harries
1125	M2 Improving arterial opacification in computed tomography for transcatheter aortic valve replacement	Dr Hend Komber
1130	M3 Comparison of aortic valve area on computed tomography versus echocardiography	Dr Rob Foley
1135	M4 Annular versus supra-annular sizing for transcatheter aortic valve replacement in bicuspid aortic valve disease	Dr Jonathan Weir-McCall

	Moderated poster presentations Session 2: Coronary artery disease (Thursday 26th March 2020) Arco meeting rooms	Moderators:
1600	M8 The influence of anatomy on prognosis of an aortic arch anomaly – a radiological view	Ms Elena Ctori
1605	M5 Reporting incidental coronary and cardiac calcification on thoracic CT – BSCI/BSCCT survey of radiologist opinions	Dr Michelle Williams
1610	M6 Comparing CTCA and CACS in assessing risk in high hazard occupations	Dr Jennifer Holland
1615	M7 Radiation dose in the investigation of stable chest pain	Mr Justin Chiong

Scientific abstract posters

P01	Heartflow: Experience of a high-volume district general hospital
P02	Efficacy of intravenous metoprolol for heart rate control in patients undergoing CT coronary angiography
P03	Reporting of coronary artery calcification on non-gated pre-surgical CT thorax
P04	FFRCT: Benefits and limitations. A tertiary centre experience at Glenfield Hospital/University of Hospitals Leicester
P05	Acute cardiac CT pathway for troponin negative chest pain
P06	Establishing a new cut off of calcium score
P07	David vs. Goliath: CTCA versus invasive angiography in previous bypass patients presenting with NSTEMI
P08	Automated calculation of the RV:LV ratio in acute pulmonary embolism: a real-world feasibility and clinical impact study
P09	The relationship of aortic valve calcification and aortic valve area on computed tomography
P10	Correlation of aortic valve calcification on CT with aortic valve area estimated by the continuity equation using transthoracic echocardiography
P11	Coronary artery disease prevalence by computed tomography coronary angiography in patients with Familial Hypercholesterolaemia
P12	Exploring the value of computed tomography coronary angiography in guiding management of asymptomatic patients with Familial Hypercholesterolaemia
P13	The anatomical and functional characteristics of myocardial scar in MINOCA patients
P14	Downstream investigation following CT coronary angiography: an audit of practice in a UK centre
P15	Assessment of blood flow patterns in patients with Type B aortic dissection by 4-Dimensional flow phase contrast magnetic resonance imaging – a pilot study
P16	Rubidium myocardial perfusion PET-CT: initial experience in first 100 patients
P17	Association of aortic valve calcification with paravalvular regurgitation and conduction abnormalities in transcatheter aortic valve implantation: role of individual aortic valve leaflet calcium