



BSCI/BSCCT Annual Spring Conference

Keble College, Oxford

**THURSDAY 26TH & FRIDAY 27TH
MARCH 2020**

bsci bscCT

Pre-course Study Days Wednesday 25th March 2020



GE Healthcare



08:30 – 09:00	DAY ONE REGISTRATION (THURSDAY 26 TH MARCH)			
	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 Oliver Rider 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 & Dr Cheng Xie 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 – 15:35	Session 3: Scientific oral presentations O'Reilly Theatre	Chair: Prof Stefan Neubauer		
15:35 – 15:55	Session 4: BSCI/BSCCT National audit – invasive testing after CCTA following introduction of NICE CG95 update O'Reilly Theatre	Dr Gareth Morgan-Hughes		
15:55 – 16:25	Afternoon Tea Moderated poster presentations Session 2: Coronary Artery Disease in the Arco meeting rooms			
16:25 – 17:10	Keynote Lecture: Artificial intelligence and the future of cardiovascular CT O'Reilly Theatre	Chair: Dr Russell Bull Dr Anders Persson		
17:10 – 18:10	Session 5: BSCI/BSCCT Multimodality Imaging Quiz O'Reilly Theatre	Quizmaster: Dr JP Carpenter		
18:30 - 19:15	Pre-dinner drinks in Keble College (location weather dependent) followed by Conference Dinner at 19:30 in Keble College Formal Hall			

07:30 - 08:00	Morning run around University Parks (opposite Keble College): meet 07:30 at Keble Porters Lodge			
08:00 – 08:30	DAY TWO REGISTRATION (FRIDAY 27 TH MARCH)			
	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 08:35 Sarcoidosis	Chair: Dr Deepa Gopalan Dr Eleanor Wicks	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
	08:55 Amyloidosis	Dr Leon Menezes		
09:35 - 10:35	09:15 Storage disorders O'Reilly Theatre	Dr Oliver Watkinson		
	Session 7: Multimodality read with the experts O'Reilly Theatre	Chair: Dr Nikant Sabharwal 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 O'Reilly Theatre	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	Lt Col David Holdsworth 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 O'Reilly Theatre	Chairs: Drs Alastair Moss and Jamie Kitt		
14:25 – 15:25	Session 9: Top 5 papers in imaging and cardiology in 2019 14:25 Echocardiography	Chair: Dr Giles Roditi Dr Paul Leeson		
	14:37 Cardiovascular CT	Dr Jonathan Weir-McCall		
	14:49 Cardiac Magnetic Resonance	Dr Oliver Rider		
	15:01 Scintigraphy	Dr Eliana Reyes		
	15:13 Structural intervention O'Reilly Theatre	Dr Sam Dawkins		
15:25 – 15:35	Final Comments O'Reilly Theatre	Chair: Dr Russell Bull		

Scientific abstract presentations (oral and moderated posters)

	Session 3: Scientific oral presentations – Young Investigators Award (Thursday 26 th 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	
1459	OP2 18F-Fluoride PET/MR in cardiac amyloid: a comparison study with aortic stenosis and age and sex matched controls	
1508	OP3 Improved cardiac risk stratification in individuals with high risk plaque features using the perivascular fat attenuation index on CCTA	
1517	OP4 Perivascular fat attenuation index mapping around the right and left coronary artery independently predict cardiac mortality	
1526	OP5 Pericoronary adipose tissue density is greater in Takayasu arteritis than atherosclerosis and is associated with coronary arterial inflammation measured by 68Ga-DOTATATE PET	

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

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

Additional Scientific abstract posters will be displayed on Thursday 26th March 2020 in the ARCO meeting rooms

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