

2008 Annual Scientific Conference

Programme

2-4 June 2008, Manchester Central



Contents

On behalf of the Programme Committee and the Affiliated Groups of the BCS, I should like to extend a very warm welcome to you. This year's Conference has evolved following much helpful feedback. There are a number of changes which the Programme Committee hope will make the Conference of even wider appeal.

The first and most important change for the BCS is that the BSCR is holding one of its own meetings within the BCS ASC. These two meetings will be running concurrently and registered members will be able to attend all parts of the meetings. This is a very exciting development and one that I believe will be of advantage to all parties. It has been a pleasure to work with BSCR on this development.

The other obvious changes are the timing of the Conference and the return of the posters. The Conference has been condensed into three whole days (Monday to Wednesday) rather than the previous format of two whole days and two half days at either end. We hope that this will make attending easier for our members. Posters have returned to allow for original data to be discussed at greater length by those interested in the data. These have been scheduled at the end of the day and a glass of wine will be available to stimulate the mind or remove inhibitions to asking questions!

As in previous years the sessions in the programme have been developed with the Affiliated Groups. Nearly all of the sessions are topic based and supported by the combined efforts of the relevant Affiliated Group. This year we have expanded the number of sessions relating to congenital heart disease in adults and I hope this will be of interest.

The Exhibition Hall area will be used for more of the educational sessions. There will be two "Theatre" areas in the exhibition hall which will be used for some of the presentations including some of the lunchtime "How to" sessions.

I hope you have a stimulating and rewarding meeting.

On behalf of the BCS, welcome to Manchester.



David Crossman
Chairman of the Programme Committee

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New members

To be introduced at the AGM 2008

Dr D Abdel-Rahman	Dr A Hamilton	Dr R Rajani
Dr F Alamgir	Dr D Hausenloy	Dr A Ramsewar
Dr M Asgari	Dr R Huggett	Dr W Roberts
Dr R Assomull	Dr M Jachuck	Dr E J Roffe
Dr R Banerjee	Dr D Johar	Prof G Rosano
Dr S Banypersad	Dr A Kanojia	Dr J Rudd
Dr M Bates	Dr N Keenan	Dr C Runnett
Dr L Bhalla	Dr K Khan	Dr N Sambu
Dr P Bharadwaj	Dr E Levelt	Dr A Sankaranarayanan
Dr R Bilku	Dr M Lynch	Dr F Schafer
Dr D Braganza	Dr C Madler	Dr M Schmitt
Dr M Burch	Dr T Majekodunmi	Dr H Schneider
Dr F Chen	Dr M Makharia	Dr A Seed
Mrs C Chitty	Dr I Matthews	Dr V Sharma
Dr S Connolly	Dr E McAlindon	Dr A Simms
Dr C Critoph	Dr C Miller	Dr C Skene
Dr R Denton-Beaumont	Dr S Mofidi	Dr L Soo
Dr S Duckett	Dr H Moorthy	Dr M Sosin
Dr J Dwight	Dr A Mozid	Dr M S Spence
Dr D Elder	Dr M Munclinger	Dr E Subkovas
Dr A Elkington	Dr S Murray	Dr F Syed
Mr J Evangelista	Dr A Natarajan	Dr J Szygula
Dr T Fairbairn	Dr J O'Halloran	Dr D Taliotis
Dr D Francis	Dr C O'Mahony	Dr J Thambyrajah
Dr M Gaballa	Dr A Opel	Dr L Thornhill
Dr C Gale	Dr A Owusu-Ansah	Dr R Till
Dr F Gani	Dr S Page	Dr A Tridante
Dr M Garbi	Dr I Pearson	Dr A Varghese
Dr R Ghasil	Dr J Pitts	Dr G Viswanathan
Prof P Grant	Dr R Purnell	Dr C Young
Dr T Gray	Dr K Rahimi	Dr D Zamvar
Dr S Haldar	Dr H Rahman	

General information

Conference

The conference will be held in Manchester Central. The programme will open on Monday 2 June at 11.00 hrs and close on Wednesday 4 June at 17.00 hrs.

Exhibition

The exhibition will be held in the Exchange Auditorium and will be open from 10.00 on Monday 2 June.

Registration

Registration will take place in the entrance to the main hall. Desks will be open at the following times:

Monday 2nd June	08.30-19.00
Tuesday 3rd June	07.30-19.00
Wednesday 4th June	07.30-16.00

See the final page of this programme for a location plan of the meeting rooms and exhibition hall.

Delegate badges

<i>White</i>	BCS Member
<i>Red</i>	Non member
<i>Green</i>	Presenter/Chairman
<i>Black</i>	BCS Staff
<i>Yellow</i>	Sponsored symposium only

Badges must be worn at all times to gain admission to sessions, exhibition hall, annual dinner and other events.

The audiovisual centre will be located in the Exchange organisers' office.

CPD – the conference is registered with the RCP for CME/CPD.

Catering facilities are located within the exhibition. For those attending the 'How to' sessions, a packed lunch will be available for purchase.

Exhibition

The Society would like to thank the many exhibitors who have purchased stand space. All delegates are encouraged to visit the exhibition, which will be open at the following times:

Monday 4th June	10.00-19.00
Tuesday 5th June	09.00-19.00
Wednesday 6th June	09.00-16.00

Further information on the exhibition may be obtained by email from exhibition@bcs.com

Sponsored symposia

A number of companies are hosting sponsored symposia on Monday and Tuesday.

Monday

09.00-10.30

CV Therapeutics – Clinical implications of the inhibition of the late sodium current. A new paradigm in the treatment of ischaemic heart disease.

18.30-20.00

Servier Laboratories Ltd – On the pulse of CV risk prevention.

18.30-20.00

Merck, Sharp & Dohme Ltd – Lipids On Trial – Is UK lipid management placing too much emphasis upon LDL management and not fully considering other lipid parameters implicated in CV risk?

Tuesday

18.00-19.30

Daiichi-Sankyo & Eli Lilly – ACS-PCI: Anti-platelet therapy – controversy or consensus?

18.00-19.30

AstraZeneca – Managing the increasing burden of cardiovascular risk.

Committee and Affiliated Group meetings

Monday 2 June

Committee	Room	Time
Clinical Standards Committee	Exhibit 1	08.30-09.30
SAC – TPD and Trainees Meeting	Exchange 1	14.00-15.30
Trainee Education – TPDs and Trainees	Exchange 1	15.30-16.00
British Cardiovascular Intervention Society (BCIS)	Exchange 4	15.30-16.30
Society for Cardiological Science and Technology (SCST) – Council	Exchange 5	15.30-16.30
KBA	Exchange 6	15.30-16.30
British Nuclear Cardiology Society (BNCS)	Exhibit 1	15.30-16.30
British Junior Cardiologists' Association (BJCA)	Exhibit 2	15.30-16.30
Women in UK Cardiology Network	Exchange 2	15.30-16.30
British Society of Echocardiography (BSE) Industry	Exchange 7	15.30-16.30

Tuesday 3 June

Committee	Room	Time
Arrhythmia Alliance (AA)	Exchange 4	07.00-08.45
British Congenital Cardiac Association (BCCA)	Exhibit 2	07.00-08.45
British Society for Cardiac Research (BSCR)	Exchange 4	10.15-11.15
British Society of Echocardiography (BSE)	Exchange 5	10.15-11.15
Heart Care Partnership UK (HCP(UK))	Exchange 6	10.15-11.15
Academic and Research Committee	Exchange 7	10.15-11.15
Trainee Education Working Group	Exhibit 2	10.15-11.15
British Association for Cardiac Rehabilitation (BACR)	Exchange 4	15.30-16.30
CAA Approved Cardiologists' Meeting	Exchange 5	15.30-16.30
Information and Surveys Committee	Exchange 6	15.30-16.30
Working Group for Women's Heart Health	Exhibit 2	15.30-16.30

Wednesday 4 June

Committee	Room	Time
Heart Rhythm UK (HR (UK))	Exchange 4	07.00-08.45
Society for Cardiological Science and Technology (SCST) – Education	Exchange 4	09.45-10.45
Guidelines and Practice Committee	Exhibit 1	09.45-10.45

BCS Board and Council

Board	Position	Appointed
Dr Nicholas Boon	President	2007-2010
Dr Stephen Holmberg	Honorary Secretary	2006-2008
Dr Charles Knight	Honorary Secretary Elect	2007-2008
Dr David Hackett	VP Clinical Standards	2007-2010
Dr Kevin Jennings	VP Corporate and Financial Affairs	2006-2009
Prof David Crossman	VP Education and Research	2003-2008
Prof Stuart Cobbe	VP Training	2007-2009
Dr Iain Simpson	VP Education and Research	2007-2008
Prof Dame Carol Black	Non-executive Trustee	2007-2011
Mr Graham Meek	Non-executive Trustee	2007-2011

Council Members

Roger Boyle	Jane Flint	Simon Ray
William Brawn	Alan Fraser	Edward Rowland
Chris Burrell	Chris Gale	James Roxburgh
Keith Channon	David Geldard	Mark Signy
Chris Clough	Peter Groves	Declan Sugrue
Stuart Cobbe	Jim Hall	Jenny Tagney
Martin Cowie	Trudie Lobban	Adam Timmis
David Crossman	Terry McCormack	Neal Uren
Mark De Belder	Andrew McLeod	Simon Woldman
Patrick Doherty	Graeme McNeill	Peter Weissberg
Chris Eggett	Charles Peebles	
David Eisner	Dudley Pennell	

Joint committees

Heart Management (BCS/BMJ Publishing)

Nicholas Boon (President, BCS, Co-Chair)
Stella Dutton (Chief Executive Officer, BMJPG, Co-Chair)

Joint Specialty Committee for Cardiology

David Crossman (Chair)

Specialty Advisory Committee (RCP/BCS)

Stuart Cobbe (Chair)

BCS committees

Academic and Research

Hugh Watkins (Chair)
Nicholas Boon
Robin Choudhury
David Crossman
David Eisner
Adam Fitzpatrick
Kevin Jennings
Michael Marber
Nilesh Samani
Peter Weissberg
Wojtek Trzcinski

Clinical Standards – In preparation

David Hackett (Chair)

Elections and Nominations

Nicholas Brooks (Chair)
Jennifer Adgey
Nicholas Boon
John Camm
Huon Gray
David Geldard
Charles George
Stephen Holmberg
Howard Swanton
Anna Kassai
Steven Yeats

Finance

Kevin Jennings (Chair)
Nicholas Boon
Ian Hutton
Nicholas Kaye
Graham Meek
Paul Oldershaw
Martin Rothman
Tony Salter
Derek Yellon
Wojtek Trzcinski
Steven Yeats

Guidelines and Practice

Adrian Brady (Chair)
Nicholas Boon
Steven Bridge
Stuart Cobbe
David Hackett
Guy Haywood
Terry McCormack
Ken Timmis
Kirsten Bradbury

Industry Liaison

Nicholas Boon (Chair)
Chris Brinsmead
Nigel Brooksby
Stephen Brown
Eric Falcand
Jackie Ganley
David Geldard
Beccy Holmberg
Kevin Jennings
Geoff Morris
Anthony Maurant
Satoru Noguchi
Peter Weissberg
Anthony Whitehead
Derek Yellon
Steven Yeats

Communication and Education

(formerly known as Information and Surveys)
Sarah Clarke (Chair)
Tim Bowker
Ian Cox
Chris Gale
Martin Godfrey
Stephen Holmberg
Charles Knight
Conrad Murphy
Stuart Pringle
David Roberts
Kirsten Bradbury
Dilowar Hussain
Anna Kassai
Steven Yeats

Programme

David Crossman (Chair)
George Barnes
Martin Bennett
Nicholas Boon
Barbara Casadei
Sarah Clarke
Stuart Cobbe
Anthony Gershlick
David Hackett
Stephen Holmberg
Kevin Jennings
Charles Knight
Jeremy Pearson
Bernard Prendergast
Iain Simpson
Derek Yellon
Mary-Lou Pitts
Steven Yeats

Abstract markers

The Programme Committee wishes to acknowledge the generous help given in abstract selection by the following (names in bold indicate Chairmen of the markers for their category).

Dr Abdallah Al-Mohammed	Dr Martyn Farrer	Dr Bernard Prendergast
Dr Felicity Astin	Dr Albert Ferro	Mr Praksh Punjabi
Dr Ameet Bakhai	Dr Darrel Francis	Dr Ian Purcell
Dr Adrian Banning	Dr Paul Fraser	Prof Tom Quinn
Dr Khalid Barakat	Dr Steve Furniss	Prof Tom Quinn
Dr Andreas Baumbach	Dr Michael Gammage	Dr Simon Ray
Prof Harald Becher	Prof Cliff Garratt	Dr Simon Redwood
Dr Tim Betts	Dr Mathias Gautel	Dr Charles Redwood
Prof Shoumo Bhattacharya	Dr Fiona Green	Dr Adrian Rozkovec
Dr Andrew Bishop	Dr John Greenwood	Dr Naveed Sattar
Dr Richard Bogle	Dr Mike Griffith	Dr Michaela
Dr Nick Boon	Dr Mark Gunning	Scheuermann-Freestone
Dr John Bourke	Dr Harry Hemingway	Dr Richard Schilling
Dr Adrian Brady	Dr Rob Henderson	Dr Roxy Senior
Dr Carl Brookes	Dr Deborah Henderson	Dr Len Shapiro
Prof Morris Brown	Dr Mark Kearney	Dr Alistair Slade
Dr Frances Bu'lock	Dr Bernard Keavney	Dr David Sprigings
Dr Alison Calver	Dr Peter Kohl	Dr Adrian Stanley
Prof David Carling	Prof Chim Lang	Dr Richard Steeds
Dr John Chambers	Dr Guy Lloyd	Dr Alan Struthers
Dr Robert Clarke	Dr Peter Ludman	Dr Graham Stuart
Prof Keiran Clarke	Dr Philip MacCarthy	Ms Jenny Tagney
Dr Peter Cowburn	Dr Kenneth MacLeod	Dr Bun Tan
Dr Tim Cripps	Prof Giovanni Mann	Dr Sara Thorne
Dr Piers Daubeney	Dr Vias Markides	Dr Jonathan Townend
Dr George Davey-Smith	Dr Anthony Mathur	Dr Victor Tsang
Dr Wyn Davies	Dr Jamil Mayet	Dr Robert Tulloh
Dr Dana Dawson	Dr Bongani Mayosi	Dr Hannah Waterhouse
Dr Mark de Belder	Dr Jean McEwan	Dr Nick West
Prof Christopher Deaton	Dr Patricia Munroe	Prof Martin Wilkins
Dr Catherine Dickinson	Prof Leong Ng	Dr Simon Williams
Dr Clare Dallery	Dr Nikhil Patel	Dr Simon Woldman
Prof Anna Dominiczak	Dr Charles Peebles	Dr Christopher Wren
Dr David Dutka	Dr Denis Pellerin	Ms Martha Wrigley
Ms Linda Edmunds	Prof Dudley Pennell	Dr Qingbo Xu

Affiliated groups

Arrhythmia Alliance (A-A)

President:	Prof John Camm (jicamm@sghms.ac.uk)
Treasurer:	Charles Lobban (charles@stars.org.uk)
Secretary:	Adam Fitzpatrick (c/o_trudie@stars.org.uk)

British Association for Cardiac Rehabilitation (BACR)

President:	Prof Patrick Doherty (p.doherty@yorks.ac.uk)
Treasurer:	Mrs Linda Edmunds (linda.edmunds@cardiffandvale.wales.nhs.uk)
Secretary:	Miss Gill Fitnum (gillian.fitnum@bromleyhospitals.nhs.uk)

British Association for Nursing in Cardiovascular Care (BANCC)

President:	Ms Jenny Tagney (jenny.tagney@ubht.nhs.uk)
Treasurer:	Mr Sanjay Ramdany (sanjay.ramdany@bartsandthelondon.nhs.uk)
Secretary:	Mrs Jane Butler (jane.butler@bartsandthelondon.nhs.uk)

British Atherosclerosis Society (BAS)

Chairman:	Prof Keith Channon (keith.channon@cardiov.ox.ac.uk)
Treasurer:	Dr Chris Newman (c.newman@sheffield.ac.uk)
Secretary:	Dr Sarah George (s.j.george@bristol.ac.uk)

British Congenital Cardiac Association (BCCA)

President:	Dr William Brawn (william.brawn@bch.nhs.uk)
Treasurer:	Dr Joseph De Giovanni (degiovanni@blueyonder.co.uk)
Secretary:	Dr Graham Stuart (agstuart@blueyonder.co.uk)

British Cardiovascular Intervention Society (BCIS)

President:	Dr Mark de Belder (mark.debelder@stees.nhs.uk)
Treasurer:	Dr Simon Redwood (simon.redwood@gstt.sthames.nhs.uk)
Secretary:	Dr Bernard Prendergast (bernard.prendergast@smuht.nwest.nhs.uk)

Affiliated groups continued

British Junior Cardiologists' Association (BJCA)

President: **Dr Chris Gale** (c.p.gale@leeds.ac.uk)
 Treasurer: No appointment
 Secretary: **Dr Damian Kelly** (djskelly@btinternet.com)

British Nuclear Cardiology Society (BNCS)

President: **Dr Simon Woldman** (simon.woldman@uclh.nhs.uk)
 Treasurer: **Dr Catherine Dickinson** (catherine.dickinson@leedsth.nhs.uk)
 Secretary: **Dr Parthiban Arumugan** (parthiban.arumugan@cmmc.nhs.uk)

British Society of Cardiovascular Imaging (BSCI)

Chairman: **Dr Charles Peebles** (charles.peebles@suht.swest.nhs.uk)
 Treasurer: **Dr Richard Coulden** (rc@prdg.demon.co.uk)
 Secretary: **Dr Roger Bury** (rogerwbury@btinternet.com)

British Society of Cardiovascular Magnetic Resonance (BSCMR)

President: **Prof Dudley Pennell** (d.pennell@imperial.ac.uk)
 Treasurer: **Prof Henry Dargie** (h.dargie@bio.gla.ac.uk)
 Secretary: **Mrs Michelle Glanville, BSCMR Secretariat** (office@bscmr.org)

British Society for Cardiovascular Research (BSCR)

Chairman: **Prof David Eisner** (eisner@man.ac.uk)
 Treasurer: **Dr Michael J Curtis** (michael.curtis@kcl.ac.uk)
 Secretary: **Prof Barbara McDermott** (b.mcdermott@qub.ac.uk)

British Society of Echocardiography (BSE)

President: **Dr Simon Ray** (simon.ray@smuht.nwest.nhs.uk)
 Treasurer: **Mr Graham Leech** (graham@cardiac.demon.co.uk)
 Secretary: **Mrs Jane Allen** (jane.allen@york.nhs.uk)

British Society for Heart Failure (BSH)

Chairman: **Prof Martin Cowie** (m.cowie@imperial.ac.uk)
 Treasurer: **Dr Suzanna Hardman** (suzanna.hardman@whittington.nhs.uk)
 Secretary: **Ms Michelle Glanville** (info@bsh.org.uk)

Heart Care Partnership UK (HCP(UK))

Chairman: **Mr David Geldard** (david.geldard2@ntlworld.com)
 Treasurer: **Mr Ken Timmis** (kenneth.timmis@blueyonder.co.uk)
 Secretary: **Mrs Anne Jolly** (sadsuk@btconnect.com)

Heart Rhythm UK (HRUK)

President: **Dr Edward Rowland** (erowland@sgul.ac.uk)
 Treasurer: **Prof John Morgan** (jmm@hrclinic.org)
 Secretary: **Dr Michael Gammage** (m.d.gammage@bham.ac.uk)

Primary Care Cardiovascular Society (PCCS)

Chairman: **Dr Terry McCormack** (tesmcc@aol.com)
 Chairman-Elect: **Dr Ahmet Fuat** (a.fuat@ntlworld.com)
 Treasurer: **Dr Stewart Findlay** (stewart.findlay@durhamdalespct.nhs.uk)
 Secretary: **Dr Kathryn Griffith** (kathryn.griffith@york.nhs.uk)
 Executive Director: **Dr Fran Sivers** (fransivers@pccs.org.uk)

Society for Cardiological Science and Technology (SCST)

President: **Dr Chris Eggett** (chris.eggett@suntpt.nhs.uk)
 Treasurer: **Dr Leslie Goulding** (l.goulding858@btinternet.com)
 Secretary: **Mr Peter Lewis** (peter.lewis@nglam-tr.wales.nhs.uk)

Education

Education in the Exhibition

The Society wishes to draw your attention to educational activities which are being held in the Exhibition.

Daiichi-Sankyo – Stand 246

DAIICHI-SANKYO is pleased to provide a Med Info zone to delegates at the BCS Annual Scientific Conference to answer those queries that you keep meaning to ask but never get the chance during the 'day job'. In particular, if you have a questions about our commitment to the ACS, hypertension and diabetes therapy areas, then our team, on stand number 246 will be happy to help.

Radi Medical Systems – Stand 6

Radi Medical Systems will deliver short teaching sessions on Stand 6 (beside the main entrance) in the Exhibition Hall at the following times:

Monday 2nd June	16.00
Tuesday 3rd June	10.30 and 16.00
Wednesday 4th June	10.00 and 13.00

Topics will include "FFR Waveform Diagnostics and Troubleshooting", "FFR in complex disease", "Advanced Wireless Technology", "FFR in a busy cath. lab." and will provide an opportunity for questions and answers. We encourage all delegates to attend these sessions especially those who are new or relatively new to the concept of measuring Fractional Flow Reserve.

There will also be the opportunity to discuss the rationale and design of the FFR versus Angiography for Multivessel Evaluation (FAME) study.

A number of small prizes (from an ipod to umbrellas!) will be presented to attending delegates who are successful in entering our exhibition draw.

PCI Simulator Training for Specialist Registrars

Simulator training sessions in percutaneous coronary intervention will be available for specialist registrars at this year's Annual Scientific Conference.

Throughout the day on both Monday and Tuesday, simulators will be available to practice a range of interventional techniques including trans-radial interventions and bifurcations. On both days, 40 minute supervised individual training sessions will be available which need to be booked in advance through the BCS website on a first come, first served basis, so book early to avoid disappointment.

The British Cardiovascular Society is grateful to Terumo, Boston Scientific and Cordis for making this educational opportunity possible.

Novartis – Stand 358

Novartis are pleased to announce that short training sessions using the Harvey mannequin patient simulator will be conducted on stand 358 during the following times:

Monday 2nd June	13.00-14.00; 15.30-16.30
Tuesday 3rd June	10.15-11.15; 15.30-16.30
Wednesday 4th June	09.45-10.45; 12.30-13.30; 15.00-16.00

Spaces are limited and will be allocated on a first come, first served basis.

The Harvey mannequin patient simulator will also feature in the session 'How to examine the heart' held in the exhibition hall on Tuesday 3 June at 13.00.

BCS Lecture

On Sunday 1st June, the British Cardiovascular Society is pleased to announce a public lecture to be given by Professor Sir Bruce Keogh.

The subject of the lecture will be the NHS and it will be held at 5.00pm in Manchester Central, in the main auditorium.

There will also be an art competition with the subject of 'The Heart' that will be exhibited by local schools in the foyer.

Sponsorship

A number of companies are hosting sponsored symposia on Tuesday and Wednesday lunchtimes and Tuesday evening.

The Society is pleased to announce that there will be free WiFi available throughout the Manchester Central Exhibition Hall for the duration of the conference. This service is provided by Daiichi-Sankyo & Eli Lilly.

To receive a free username and password, which is valid for 1 day, please visit the Daiichi-Sankyo & Eli Lilly stand (No 120). A new access token can be collected from the stand on each day of the exhibition.

The Society also wishes to thank Sanofi Aventis for sponsorship which has been used to support the activities of delegates attending the meeting.

Programme at a glance

	Exchange Auditorium	Exchange Hall	Charter 3-5
9.00	Sponsored Symposia CV Therapeutics Europe Ltd		
10.00	◆	Exhibition Opens	
11.00	Opening Ceremony		
11.15	BCCA/BCIS Holes, tunnels and leaks	Meet the SAC	BSCMR/BAS CMR in CHD
	◆		▲
12.45	Exhibition Break		
13.00	In Exhibition Hall How to programme a pacemaker or AICD device	In Exhibition Hall How to interact with the legal profession	
14.00	BCS/ACC Cardiac risk in athletes	Teach In HRUK Emergency management of arrhythmias	BSH/HCPUK/BCCA Cardiovascular aspects of pregnancy
	■	■	
15.30	Exhibition Break		
16.30	BCS/RCP Lecture Joy Edelman Legacy		
17.30	BCS and BSCR Posters in Exhibition (35-122)		
18.30	Sponsored Symposia Servier Laboratories Ltd	Sponsored Symposia Merck Sharpe & Dohme	
20.00			

Monday 2 June

Charter 1	Charter 2	Exchange 1
Exhibition Opens		
BSH/BNCS/BSE Investigations in heart failure: tracking changing prognosis and tailoring therapy	BSCR Unstable Plaque: To Inflammation and Beyond	
●	♥	
Exhibition Break		
		How to use murine magnetic resonance
BSE/BSCMR/BNCS/BSCI Multimodality imaging case demonstration and interaction	BSCR Targeting acute and chronic remodelling post-myocardial infarction	
▲	●	
Exhibition Break		
BCS and BSCR Posters in Exhibition (35-122)		

Programme

Main Hall Entrance 08.30-19.00

Registration

Exchange Auditorium 09.00-10.30

Sponsored Symposium

CV Therapeutics Europe Ltd

Clinical Implications of the inhibition of the late sodium current. A new paradigm in the treatment of ischaemic heart disease.

Chairs: Prof John Camm and Prof Robert Wilcox

Welcome and introduction

Prof John Camm

Chronic stable angina: a benign condition or requiring aggressive management

Prof Robert Wilcox

The role of the late sodium current as a new target in ischaemic heart disease

Prof John Camm

The clinical management of ischaemic heart disease and diabetes

Dr Mark Kearney

Inequity in the management of angina – it's unfair but does it matter?

Prof Adam Timmis

Conclusions and summary

Prof Robert Wilcox

Exhibition Opens 10.00

Exchange Auditorium 11.15-12.45

British Congenital Cardiac Association (BCCA)

British Cardiovascular Intervention Society (BCIS)

Holes, tunnels and leaks; technology, technique and governance

Chairs: Dr David Hildick-Smith and Dr Brodie Knight

ASD/PFO

Dr Michael Mullen

VSD

Dr Rob Martin

Aortic shunts/Sinus of Valsalva

Dr Kevin Walsh

Paravalvar leaks

Dr Joseph De Giovanni

Debate: Who should perform interventions for congenital/structural lesions?

Pro Paediatric cardiologist: Dr John Gibbs

Pro Adult cardiologist: Dr Martyn Thomas

Exchange Hall 11.15-12.45

SAC Programme

Chair: Prof Stuart Cobbe

MMC and the Tooke Enquiry

Prof Stuart Cobbe

Trainees assessments

Dr Ian Wilson

e-portfolio and Knowledge Based Assessment

Dr Jim Hall

Questions and answers

Charter 3-5 11.15-12.45

British Society of Cardiovascular Magnetic Resonance (BSCMR)

British Atherosclerosis Society (BAS)

Cardiovascular magnetic resonance for the assessment of coronary heart disease

Chairs: Prof Henry Dargie and Prof Keith Channon

Pathophysiology of coronary heart disease – the case for multi-parametric imaging

Prof Michael Frenneaux

CMR of patients with stable chest pain

Prof Eike Nagel

Assessment of acute coronary syndromes with CMR

Dr Sven Plein

Assessment of arterial wall volume and function

Prof Dudley Pennell

Atherosclerotic plaque and molecular imaging

Dr Robin Choudhury

Programme

Charter 1 11.15-12.45

British Society for Heart Failure (BSH)
British Nuclear Cardiology Society (BNCS)
British Society of Echocardiography (BSE)

Investigations in heart failure: tracking changing prognosis and tailoring therapy

Chairs: Prof John Cleland and Dr Andrew Kelion

Biomarkers from blood tests

Dr Roy Gardner

Echocardiography

Dr Simon Ray

Nuclear techniques

Dr Alexander Jacobsen

Magnetic resonance

Dr Sanjay Prasad

Charter 2 11.15-12.45

British Society for Cardiovascular Research (BSCR)

Unstable Plaque: To Inflammation and Beyond

Chairs: Dr Cathy Holt and Dr Chris Jackson

Inflammatory mediators and plaque destabilization

Prof Erik Biessen

Biomarkers of inflammation

Prof Juan Carlos Kaski

Chemokines as therapeutic targets in plaque rupture

Dr David Grainger

C-reactive protein and plaque stability

Prof Mark Pepys

Exhibition Break 12.45-13.00

Exhibition Hall 13.00-14.00

How to programme a pacemaker and AICD

Chair: Dr Simon Fynn

How to program a pacemaker

Dr Tim Betts

How to program an AICD

Dr Neil Davidson

Exhibition Hall 13.00-14.00

How to interact with the legal profession

Chair: Prof Roger Hall

Preparing a report

Dr Stephen Saltissi

Giving evidence

Dr Michael Petch

Exchange 1 13.00-14.00

How to use murine magnetic resonance

Chair: Prof Rene Botnar

Imaging the mouse heart with MR

Dr Jurgen Schneider

Cardiac metabolism

Dr Anne-Marie Seymour

Vascular and molecular studies

Dr Robin Choudhury

Exchange Auditorium 14.00-15.30

British Cardiovascular Society (BSC)
American College of Cardiology (ACC)

Cardiac risk in athletes

Chairs: Prof James Dove and Prof William McKenna

Arrhythmic death in athletes: Lessons from genes and animal models

Prof Carlo Napolitano

Exercise-induced cardiac hypertrophy: is it really different?

Dr Cam Patterson

Cardiac pathophysiology of elite athletes

Dr Sanjay Sharma

Prevention of sudden death in athletes: the power of screening

Prof Domenico Corrado

Programme

Exchange Hall 14.00-15.30

Teach in

Heart Rhythm UK (HRUK)

Emergency management of arrhythmias

Chairs: Dr Richard Schilling and Dr Tim Betts

Acute management of atrial fibrillation and flutter

Dr Mark Earley

Treatment of VT storm

Dr Simon Sporton

Who needs temporary pacing, and how to do it?

Dr Kim Rajappan

Charter 3-5 14.00-15.30

British Congenital Cardiac Association (BCCA)

British Society for Heart Failure (BSH)

Heart Care Partnership UK (HCP UK)

Cardiovascular aspects of pregnancy

Chairs: Dr Jane Flint and Prof John Cleland

Pre-conception advice

Dr Dawn Adamson

Managing pulmonary hypertension in pregnancy

Dr Sarah Thorne

Recent developments in postpartum cardiomyopathy

Prof Denise Hilfiker

A personal perspective of post-partum cardiomyopathy

Ms Susan Sneddon

Late cardiovascular complications of pre-eclampsia

Prof Jill Pell

Charter 1 14.00-15.30

British Society of Echocardiology (BSE)

British Nuclear Cardiology Society (BNCS)

British Society of Cardiovascular Magnetic Resonance (BSCMR)

British Society of Cardiovascular Imaging (BSCI)

Multimodality imaging case demonstration and interaction

Chair: Dr Rick Steeds and Panel

Echocardiography

Dr Rick Steeds

CMR

Dr Raad Mohiaddin

CT/radiology

Dr James Rudd

Nuclear cardiology

Dr Ashley Groves

Panel discussion

Charter 2 14.00-15.30

British Society for Cardiovascular Research (BSCR)

Targeting acute and chronic remodelling post-myocardial infarction

Chairs: Dr Gillian Gray and Dr Nicola King

Cardiac remodelling – mechanisms and clinical implications

Prof Allan Struthers

Thymosin, β_4 , angiogenesis and cardiac remodelling

Dr Nicola Smart

Role of aldosterone in acute and chronic cardiac remodelling

Prof Dr Johann Bauersachs

Reversing cardiac remodelling in the failing heart

Dr Emma Birks

Exhibition Break 15.30-16.30

Programme

Exchange Auditorium 16.30-17.30

British Cardiovascular Society (BCS)
Royal College of Physicians (RCP)

British Cardiovascular Society Lecture supported by the Joy Edelman legacy

Understanding the genetic basis of coronary artery disease – an achievable goal?

Prof Niles Samani

Introduced by: Dr Michael Cheshire

Thanked by: Prof Hugh Watkins

Exhibition Hall 17.30-19.00

BCS and BSCR Posters

035

IMPLANTABLE CARDIOVERTER DEFIBRILLATORS FOR PRIMARY PREVENTION FOLLOWING A MYOCARDIAL INFARCTION: A DISTRICT GENERAL HOSPITAL PERSPECTIVE

Addison, C1; Foley, P2; Ratib, K1; Patel, K3; Smith, R2; Leyva, F2

1. Good Hope Hospital, Heart of England NHS Foundation Trust; 2. Good Hope Hospital, University of Birmingham, Heart of England NHS Foundation Trust; 3. Sandwell Hospital, University of Birmingham

036

AWARENESS OF CONTRAST NEPHROPATHY AT ROYAL BROMPTON HOSPITAL AND EFFECTIVENESS OF MEASURES USED TO DETECT IT

Ainslie, M; Schultz, C; Davies, S

Royal Brompton

037

EFFECT OF METFORMIN ON MORTALITY AND HOSPITALIZATIONS IN PATIENTS WITH HEART FAILURE AND TYPE 2 DIABETES

Alzadjali, M; Ogston, S; Evans, J; Doney, A; Khan, F; Morris, A; Struthers, A; Lang, C

University of Dundee

038

ADDITION OF B-TYPE NATRIURETIC PEPTIDE TO THE GLOBAL REGISTRY OF ACUTE CORONARY EVENTS (GRACE) SCORE ENHANCES RISK STRATIFICATION IN ACUTE CORONARY SYNDROME

Ang, D; Wei, L; Lang, C; Struthers, A

University of Dundee

039

ADDITION OF B-TYPE NATRIURETIC PEPTIDE TO THE THROMBOLYSIS IN MYOCARDIAL INFARCTION (TIMI) RISK SCORE ENHANCES RISK STRATIFICATION IN ACUTE CORONARY SYNDROME

Ang, D; Wei, L; Lang, C; Struthers, A

University of Dundee

040

BIVALIRUDIN IN REAL WORLD PCI: DOES UK EXPERIENCE IN TROPONIN-POSITIVE ACUTE CORONARY SYNDROMES MATCH UP TO ACUITY?

Augustine, D1; Khan, Z1; Chamberlain-Webber, R1; West, N2

1. Gloucestershire Hospitals NHS Foundation Trust; 2. Papworth Hospital

041

THE PREVALENCE OF ABSOLUTE AND RELATIVE CONTRAINDICATIONS TO STATIN THERAPY FOLLOWING ACUTE CORONARY SYNDROME

Bailey, K1; Space Rocket Investigators, T2

1. Leeds University; 2. NHS

042

ASSESSMENT OF PCI PRACTICE? RESULTS OF A NETWORK-WIDE PEER REVIEW AUDIT ASSESSMENT

Behan, M; Dixon, G; Blows, L; Hildick-Smith, D; Holmberg, S; deBelder, A

Sussex Cardiac Centre

043

THE EXPERIENCE OF CARDIAC CHANNELOPATHIES AT A TERTIARY REFERRAL CENTRE IN NORTHERN IRELAND

Bennett, J; McOsker, J; Jardine, T; Scott, P; Murphy, J; McKeown, P

Royal Victoria Hospital, Regional Medical Cardiology Centre

044

CORONARY ARTERY REMODELING IS ASSOCIATED WITH LONG-TERM CARDIOVASCULAR PROGNOSIS

Berry, C1; Noble, S2; L'Allier, P2; Gregoire, J2; Lesperance, J2; Levesque, S2; Ibrahim, R2; Tardif, J2

1. BHF Glasgow Cardiovascular Research Centre; 2. Montreal Heart Institute

Programme

045

RE-PROCESSING ELECTROPHYSIOLOGY CATHETERS

Bowater, S; Jones, D; Flannigan, S; Marshall, H; Griffith, M
Queen Elizabeth Hospital

046

THE EFFECTS OF CLINIC STYLE ON ACCESS RATES TO CATHETER ABLATION IN THE MIDLANDS

Bowater, S¹; Tapp, L²; Price, A¹; Marshall, H¹; Prasad, N³; Glancy, J³; Griffith, M¹
1. Queen Elizabeth Hospital; 2. Good Hope Hospital; 3. Hereford County Hospital

047

FEMORAL VASCULAR ACCESS COMPLICATIONS IN ADULT CONGENITAL HEART DISEASE PATIENTS: AUDIT FROM A SINGLE TERTIARY CENTRE

Chue, C¹; Hudsmith, L¹; Stumper, O²; De Giovanni, J²; Thorne, S¹; Clift, P¹
1. Queen Elizabeth Hospital Birmingham; 2. Birmingham Children's Hospital

048

PALPITATIONS AND PSYCHOLOGICAL MORBIDITY

Cooke, J¹; Shiner, A²; Sandler, D¹; O'Toole, L³
1. Chesterfield Royal Hospital Foundation Trust; 2. Derbyshire County PCT; 3. Royal Hallamshire Hospital

049

CLINICAL ACUMEN AND THE TREADMILL IN THE RAPID ACCSS CHEST PAIN CLINIC – CAN WE DO BETTER ? SIGNIFICANT MAJOR ADVERSE CARDIAC EVENT RATE AT 1 YEAR FOLLOW UP IN PATIENTS DISCHARGED TO THEIR GP

Dorman, S; Barry, J; Jeetley, P; Nightingale, A
United Bristol Healthcare Trust

050

LIPID-LOWERING WITH SIMVASTATIN 40MG FOLLOWING ACUTE CORONARY SYNDROMES ACHIEVES NATIONAL NSF/GMS AUDIT STANDARDS BUT NOT JBS2 TARGETS FOR SECONDARY PREVENTION

Dorman, S¹; Johnson, T²; West, N³
1. United Bristol Healthcare Trust; 2. Swindon and Marlborough NHS Trust; 3. Papworth Hospital NHS Trust

051

HIGH PREVALENCE OF ABNORMAL GLUCOSE METABOLISM IN PATIENTS PRESENTING FOR ROUTINE CORONARY ANGIOGRAPHY

English, C; Hastings, J; Dineen, S; Daly, K; Nash, P; Crowley, J
University College Hospital, Galway

052

CABG AND PCI FOR LEFT MAIN STEM CORONARY ARTERY DISEASE: SYNERGY IN A REAL WORLD REGISTRY

Gunn, J¹; Briffa, N²
1. University of Sheffield; 2. Northern General Hospital

053

AUDIT OF CONTRACEPTION ADVICE IN WOMEN WITH HEART DISEASE: WHERE ARE WE GOING WRONG?

Aston, S; Hudsmith, L; Bowater, S; Steadman, C; Clift, P; Thorne, S
Queen Elizabeth Hospital

054

ELECTIVE CARIOVERSION UNDER CONSCIOUS SEDATION: SIX YEAR EXPERIENCE OF MORE THAN 2000 PROCEDURES.

Jeilan, M¹; Tuan, J²; Kundu, S²; Osman, F²; Mantravadi, R²; Pathmanathan, R²; Toff, W²; Ng, G²
1. Glenfield; 2. Glenfield Hospital

055

ACCURACY OF AMBULANCE STAFF DIAGNOSIS OF ACUTE CARDIOGENIC PULMONARY OEDEMA: A PROSPECTIVE DIAGNOSTIC STUDY OF 1,334 PATIENTS

Jenkinson, E¹; Woollard, M²; Robertson-Steel, I³; Newcombe, R⁴
1. (Previously) Heartlands Hospital/West Midlands Ambulance Service; 2. Faculty of Pre-hospital Care Research Unit; 3. West Midlands Ambulance Service; 4. University of Cardiff

056

IMPLANTABLE CARDIOVERTER DEFIBRILLATOR (ICD) IMPLANTATION IN NORTHWEST LONDON: AN AUDIT OF NICE GUIDELINE ADHERENCE

Koa-Wing, M¹; Gardner, C²; Schonfield, S³; Davies, D¹; Peters, N¹; Kanagaratnam, P¹
1. Imperial College Healthcare NHS Trust; 2. The Audit, Information and Analysis Unit for London, Kent, Surrey and Sussex; 3. Specialised Services Commissioning NW London, Hillingdon Primary Care Trust

Programme

057

EUROASPIRE III: LIFESTYLE AND RISK FACTOR MANAGEMENT AND USE OF DRUG THERAPIES IN CORONARY PATIENTS FROM 22 COUNTRIES IN EUROPE

Kotseva, K¹; Jennings, C¹; De Bacquer, D²; De Backer, G²; Keil, U³; Wood, D¹

1. NHLI, Imperial College London; 2. University of Ghent; 3. University of Munster

058

CLINICAL REALITY OF CORONARY PREVENTION IN EUROPE: A COMPARISON OF EUROASPIRE I, II AND III SURVEYS

Kotseva, K¹; Jennings, C¹; De Bacquer, D²; De Backer, G²; Keil, U³; Wood, D¹

1. NHLI, Imperial College London; 2. University of Ghent; 3. University of Munster

059

EXTERNAL VALIDATION OF ESTABLISHED RISK ADJUSTMENT MODELS FOR PROCEDURAL COMPLICATIONS AFTER PERCUTANEOUS CORONARY INTERVENTION ON AN INDEPENDENT DATA SET IN A UK SETTING

Kunadian, B; Dunning, J; Das, R; Roberts, A; Morley, R; Turley, A; Twomey, D; Hall, J; Wright, R; Sutton, A; Muir, D; de Belder, M

The James Cook University Hospital

060

CHANGES IN THE USE OF DRUG ELUTING STENTS FOR PERCUTANEOUS CORONARY INTERVENTION

Nadar, S; Varma, C; Millane, T; Lip, G; Watson, R

City Hospital

061

ADVERSE RISK PROFILE AND MANAGEMENT DELAYS IN PATIENTS WITHOUT A DIAGNOSTIC EXERCISE TEST ? LIMITATIONS OF THE RAPID ACCESS CHEST PAIN SERVICE MODEL

Nair, B; Hamid, T; Chacko, S; Turkie, W; Diab, I; Arumugam, P; Khattar, R

Manchester Royal Infirmary

062

IMPACT OF THE JBS2 GUIDELINES ON THE SUCCESS OF REACHING TARGET IN PATIENTS ON LIPID LOWERING STATIN THERAPY

Patel, M¹; Nadra, I²

1. Highfield Surgery; 2. Hammersmith Hospital, Imperial College Healthcare NHS Trust

063

LEFT VENTRICULAR IMPAIRMENT AND LONG-TERM MORTALITY FROM ACUTE CORONARY SYNDROMES: ANALYSIS BY HAEMOGLOBIN CONCENTRATION

Ramachandra, R¹; Dudley, F²; Batin, P³; Wilson, I³; Gale, C⁴

1. Bradford Royal Infirmary; 2. Pinderfields General Infirmary; 3. Pinderfields General Hospital; 4. University of Leeds

064

PATIENTS WITH METABOLIC SYNDROME PRESENT WITH NON-ST ELEVATION MYOCARDIAL INFARCTION AT A YOUNGER AGE AND HAVE WORSE ANGIOGRAPHIC FINDINGS

Rao, G; Noronha, B; Innasimuthu, A; Davis, G

University Hospital Aintree

065

CLINICAL OUTCOMES IN PRE-HOSPITAL THROMBOLYSIS IN A RURAL SETTING

Salahshouri, P¹; McCormick, L¹; Murray, P²; Khan, S¹; Scott, J³; Sharples, L⁴; Schofield, P¹

1. Papworth NHS Trust; 2. East Anglian Ambulance Trust; 3. East of England Ambulance NHS Trust; 4. MRC Biostatistics Unit

066

IS RATE OR REGULARITY THE MORE IMPORTANT RISK PREDICTOR IN POST-MYOCARDIAL INFARCTION ATRIAL FIBRILLATION?

Sankaranarayanan, R¹; James, M²; Gonna, H²; Burtchaell, S²; Holloway, R²

1. Royal Blackburn Hospital; 2. Taunton and Somerset Hospital

067

APPROPRIATENESS ASSESSMENT OF CARDIAC MRI UTILISATION AND THE ROLE OF VIABILITY IMAGING IN THE PATIENT CARE ALGORITHM

Schmitt, M; Das, D; McCann, G

Glenfield Hospital

068

DECLINING LIPID LEVELS IN PATIENTS ADMITTED WITH MYOCARDIAL INFARCTION TO A REGIONAL CARDIOLOGY CENTRE 2000-2006

Scott, P; Kodoth, V; Noad, R; Bennet, J; Murphy, J; Manoharan, G; Adgey, A

Royal Victoria Hospital

Programme

069

INFLAMMATORY PROCESSES ARE ASSOCIATED WITH INSULIN RESISTANCE AMONGST UK INDIAN ASIANS, AND NOT ACCOUNTED FOR BY OBESITY

Sehmi, J; Chambers, J; Kooner, J

Imperial College

070

AUDIT OF CARDIAC RESYNCHRONISATION THERAPY

Smithson, S; Tynan, M; Neville Smith, K; McComb, J

Freeman Hospital

071

ACQUIRED LONG QT SYNDROME: DETERMINANTS AND PROGNOSTIC IMPLICATIONS IN A POPULATION-BASED PROSPECTIVE STUDY OF OLDER MEN

Sohaib, S¹; Papacosta, O¹; Morris, R¹; Macfarlane, P²; Whincup, P³

1. University College London; 2. University of Glasgow; 3. St George's University of London

072

ACUTE CORONARY SYNDROME (ACS) AUDIT CYCLE: ASSESSING IMPACT OF IMPLEMENTING ACS SERVICE ON MANAGEMENT AND IN-HOSPITAL LENGTH OF STAY OF PATIENTS ADMITTED WITH NON-ST SEGMENT ELEVATION ACUTE CORONARY SYNDROME (NSTEMI)

Burrell, C; Syed, F; Sarkar, D; Haywood, G; Cox, I; Motwani, J

Derriford Hospital

073

IS PRE-PROCEDURAL ROTATIONAL ANGIOGRAPHY SUPERIOR TO CONVENTIONAL, SINGLE PLANE ANGIOGRAPHY FOR PLANNING PCI?

Taylor, J¹; Heppenstall, J²; Bowles, J²; Gunn, J¹

1. University of Sheffield; 2. Northern General Hospital

074

SAFETY OF EARLY AEROMEDICAL REPATRIATION FOLLOWING ACUTE CORONARY SYNDROME

Thomas, M¹; Hinds, R²; Walker, C²; Morgan, F²; Hildick-Smith, D¹

1. Royal Sussex County Hospital; 2. Healix International Ltd

075

DOES MINAP (MYOCARDIAL INFARCTION NATIONAL AUDIT PROJECT) ACCURATELY RECORD MEDICAL PRACTICE: A COMPARISON OF MINAP DATA & HOSPITAL INFORMATION CONCERNING SECONDARY PREVENTION MEDICATION

Valerio, C¹; Simunovic, M²; Ray, K³

1. Hammersmith Hospital; 2. Royal Prince Alfred Hospital; 3. Cambridge University

076

AUDIT OF CARDIAC REHABILITATION ACROSS THE ENGLISH CARDIAC NETWORKS

Varghese, A¹; Moqith, A¹; Binder, L²; Tipson, R¹; Walsh, M³; Flint, E⁴

1. Dudley Group of Hospitals; 2. NHS Heart Improvement Programme; 3. British Cardiac Network Director; 4. Cardiology Consultant Black Country Cardiac Network

077

DİBLOCAGE – OFF SITE PCI IMPROVES ACCESS TO REVASCULARISATION IN ACUTE CORONARY SYNDROMES. RESULT OF THE STUDY OF ANGIOGRAPHY AND REVASCULARISATION IN SWINDON (STARS) AUDIT

Venkatachalapathy, S; Cannon, C; Pannu, K; Gopal, R; Tholloor, S; Keen, C; Kuram, S; Wretham, C; Hyde, T

The Great Western Hospital

078

COMPLEMENT C3 IS INCORPORATED INTO FIBRIN CLOTS AND RESULTS IN IMPAIRED FIBRINOLYSIS

Carter, A; Somani, R; Howes, J; Shore, A; Standeven, K; Grant, P

University of Leeds

079

NOX2 MODULATION OF CELL CYCLE INHIBITORY PROTEIN P21CIP1 IN ENDOTHELIAL CELLS

Fan, L¹; Vioj, G²; Brooks, G³; Li, J²

1. Addenbrookes Hospital; 2. University of Surrey; 3. University of Reading

080

LDL CONTROLS IL-8 PRODUCTION IN MONOCYTES VIA TRIBBL-2

Guan, H; Eder, K; Sung, H; Sheridan, P; Ward, J; Morton, A; Angyal, A; Sarmay, G; Duda, E; Turner, M; Dower, S; Francis, S; Crossman, D; Kiss-toth, E

University of Sheffield

Programme

081

GLYCEMIC STATUS UNDERLIES THE INCREASED ARTERIAL STIFFNESS AND IMPAIRED ENDOTHELIAL FUNCTION IN SOUTH ASIAN STROKE SURVIVORS COMPARED TO EUROPEAN CAUCASIAN COUNTERPARTS IN THE UNITED KINGDOM

Gunaratne, A¹; Patel, J¹; Gammon, B¹; Potluri, R¹; Butt, R¹; Panjai, N¹; Hughes, E¹; Lip, G²

1. University Department of Medicine; 2. University Department of Medicine, City Hospital

082

DIETARY-INDUCED OBESITY RESULTS IN METABOLIC AND VASCULAR INSULIN-LIKE GROWTH FACTOR 1 (IGF-1) RESISTANCE VIA DISTURBANCE OF THE IGF-1/INSULIN SIGNALLING PATHWAY

Imrie, H; Viswambharan, H; Rajwani, A; Abbas, A; Kahn, M; Wheatcroft, S; Kearney, M
University of Leeds

083

LOW DOSE IV NITRITE DILATES BOTH PERIPHERAL AND CENTRAL VESSELS IN HYPOXIA ? A POTENTIAL NEW THERAPY FOR ISCHAEMIA

Ingram, T¹; Pinder, A¹; Bailey, D²; Fraser, A¹; James, P¹

1. Cardiff University; 2. University of Glamorgan

084

INDICES OF APOPTOSIS IN PATIENTS WITH IMPAIRED GLUCOSE TOLERANCE FOLLOWING ACUTE MYOCARDIAL INFARCTION

Jessani, S; Karthikeyan, V; Millane, T; Lip, G

City Hospital

085

A PORCINE ENDOVASCULAR MODEL OF A CHRONIC TOTAL CORONARY ARTERY OCCLUSION

Kelly, D¹; Morton, A²; Raina, T²; Lupton, H³; Arnold, N²; Gunn, J²; Gershlick, A¹

1. Glenfield General Hospital; 2. University of Sheffield; 3. Brivant Ltd

086

EVIDENCE FOR A POTENTIAL NEW METHOD OF THERAPEUTIC ANGIOGENESIS – INCREASED ENDOTHELIAL CELL MOBILITY AND TUBULE FORMATION IN CELL CULTURE FOLLOWING STABILIZATION OF HYPOXIA-INDUCIBLE FACTOR

Kelly, D¹; Mecinovic, J²; Schofield, C²; Gunn, J³; Gershlick, A¹

1. Glenfield Hospital; 2. University of Oxford; 3. Northern General Hospital

087

IN-VIVO OBSERVATIONS ON ANGIOGENESIS: DOSE-DEPENDENT EFFECTS OF THE PROLYL-4-HYDROXYLASE INHIBITOR, DI-METHYL OXALYL-GLYCINE, ON ARTERIAL DEVELOPMENT IN EMBRYONIC ZEBRAFISH

Kelly, D¹; Mecinovic, J²; Schofield, C²; Gunn, J³; Gershlick, A¹; Chico, T⁴

1. Glenfield Hospital; 2. University of Oxford; 3. Northern General Hospital; 4. University of Sheffield

088

ATORVASTATIN ACTIVATES A NOVEL NBS-1 DEPENDENT MECHANISM OF ACCELERATING DNA REPAIR IN ATHEROSCLEROSIS

Mahmoudi, M; Gorenne, I; Mercer, J; Figg, N; Bennett, M

Addenbrooke's Hospital

089

L-ARGININE SUPPLEMENTATION IN HYPERCHOLESTEROLEMIC PATIENTS WITH THE ASP298 ENOS VARIANT

Nair, R¹; Dart, A²; Chin-Dusting, J³; Huynh, N³; Huynh, N³

1. Hull Royal Infirmary; 2. Alfred Hospital; 3. Baker Heart Research Institute

090

THE CONTRIBUTION OF ENDOTHELIAL-DERIVED HYPERPOLARIZING FACTOR AND NITRIC OXIDE TO BASAL AND STIMULATORY VASODILATOR TONE IN METABOLIC SYNDROME

Ozkor, M; Murrow, J; Kavtaradze, N; Sheikh, A; Jorgensen, J; Pohlel, K; Manatunga, A; Quyyumi, A

Emory University

Programme

091

IN VIVO APPLICATION OF RAPAMYCIN-ELUTING MICROBEADS INHIBITS VEIN GRAFT DISEASE IN A PORCINE MODEL

Rajathurai, T; Rizvi, S; Newby, A; Murphy, G

Bristol Heart Institute

092

ACUTE ELEVATION OF PLASMA FREE FATTY ACIDS REDUCES AORTIC DISTENSIBILITY

Rider, O1; Emmanuel, Y2; Clarke, K2; Neubauer, S1

1. Oxford Centre for Clinical Magnetic Resonance Research; 2. Department of Physiology, Anatomy and Genetics, University of Oxford

093

WEIGHT LOSS REVERSES AORTIC DISTENSIBILITY CHANGES IN SUBJECTS WITH SEVERE OBESITY BUT NO IDENTIFIABLE CARDIAC RISK FACTORS. A ONE YEAR FOLLOW UP STUDY

Rider, O; Francis, J; Ali, M; Jackson, C; Robinson, M; Robson, M; Neubauer, S

Oxford Centre for Clinical Magnetic Resonance Research

094

LONG-TERM ORAL TETRAHYDROBIOPTERIN SUPPLEMENTATION REDUCES ATHEROSCLEROSIS IN APOLIPOPROTEIN E-KO MICE

Schmidt, T1; Crabtree, M1; Hale, A1; O'Neill, C2; Alp, N1

1. Department of Cardiovascular Medicine, Oxford University; 2. BioMarin Pharmaceutical Inc.

095

THE ROLE OF THE FIBRINOGEN ALPHA CHAIN IN CONTROLLING THE RATE OF FXIII ACTIVATION: IMPLICATIONS FOR CORONARY ARTERY THROMBUS FORMATION

Smith, K; Adamson, P; Ariens, R; Philippou, H; Grant, P

Cardiovascular and Diabetes Research in Leeds, The Leeds Institute of Genetics Health and Therapeutics, University of Leeds

096

ALDOSTERONE ANTAGONISM FOR POORLY CONTROLLED HYPERTENSION IN TYPE 2 DIABETES: CONFLICTING EFFECTS ON BLOOD PRESSURE, ENDOTHELIAL FUNCTION, GLYCAEMIC CONTROL AND HORMONAL PROFILES

Swaminathan, K; Davies, J; George, J; Rajendra, N; Struthers, A

Ninewells Hospital and Medical School

097

DIFFERENTIAL EXPRESSION OF THE HUMAN CARDIAC TROPONIN I GENE BY NUCLEAR FACTOR 1-A (NF1-A) ISOFORMS GENERATED THROUGH ALTERNATIVE SPLICING

Brand, N1; Raman, M1; Felkin, L1; Lara-Pezzi, E1; Risebro, C2; Riley, P2; Barton, P3

1. Heart Science Centre, Imperial College; 2. Molecular Medicine Unit, Institute of Child Health; 3. Imperial College London

098

INSIGHTS INTO MOLECULAR MECHANISMS OF ATRIAL PROFIBRILLATORY REMODELING IN CONGESTIVE HEART FAILURE USING A PROTEOMICS APPROACH

De Souza, A1; Cardin, S2; Wait, R3; Patel, N1; Shiroshita-Takeshita, A2; Camm, A1; Nattel, S2

1. St. George's University of London; 2. Montreal Heart Institute and University of Montreal; 3. Imperial College London

099

MYOCARDIAL WALL MOTION IN ZEBRAFISH EMBRYOS ASSESSED BY VIDEO EDGE DETECTION: INFLUENCE OF NOREPINEPHRINE, MS-222 AND TEMPERATURE

Denvir, M; Tucker, C; Mullins, J

University of Edinburgh

100

ROLE OF THE KLF15 TRANSCRIPTION FACTOR IN AN ANTI-HYPERTROPHIC PATHWAY INVOLVING GSK3β

Hussain, S; Lara-Pezzi, E; Brand, N

Heart Science Centre, Imperial College London

101

IS DEPRESSED MYOCYTE CONTRACTILITY AN EARLY EVENT IN THE NATURAL HISTORY OF HEART FAILURE?

Idigo, W1; Zhang, Y1; Lygate, C1; Carnicer, R1; Dawson, D2; Casadei, B1

1. John Radcliffe Hospital, University of Oxford; 2. Edinburgh Royal Infirmary

102

ACE2 OVEREXPRESSION IN THE MYOCARDIUM OF STROKE PRONE SPONTANEOUSLY HYPERTENSIVE RATS LEADS TO FIBROSIS

Masson, R1; Craig, M1; Nicklin, S1; Gilday, K1; McBride, M1; Gregorevic, P2; Allen, J2; Chamberlain, J2; Graham, D1; Dominiczak, A1; Baker, A1

1. University of Glasgow; 2. Univeristy of Washington

Programme

103

ABNORMAL ELECTRICAL FUNCTION AND HYPERTROPHY OF THE HEART CAUSED BY LOSS OF INTEGRIN ALPHA 7

Nadif, R¹; Emerson, M²; Mayer, U³; Neyses, L¹; Cartwright, E¹

1. University of Manchester; 2. Imperial College; 3. University of East Anglia

104

DIFFERENT SOURCES OF OXIDANT STRESS IN THE EARLY AND LATE STAGE OF ATRIAL FIBRILLATION

Reilly, S; Alp, N; Casadei, B

University of Oxford, Department of Cardiovascular Medicine, John Radcliffe Hospital

105

THE DELTA AND EPSILON ISOFORMS OF PROTEIN KINASE C HAVE OPPOSING ACTIONS IN HUMAN ATRIAL MUSCLE DURING SIMULATED ISCHAEMIA-REPERFUSION INJURY

Sivaraman, V; Hausenloy, D; Yellon, D

Hatter Cardiovascular Institute, University College London and Royal Free Hospitals Medical School

106

GSK-3B IS NOT A NECESSARY SIGNALLING INTERMEDIATE IN POSTCONDITIONING

Webb, I; Nishino, Y; Clark, J; Marber, M

The Rayne Institute, St Thomas' Hospital, King's College

107

RAS-ASSOCIATION FACTOR 1 (RASSF1A), A NOVEL REGULATOR OF CARDIAC HYPERTROPHY

Zi, M; O'ceandy, D; Prehar, S; Pickard, A; Cartwright, E; Neyses, L

University of Manchester

108

THE ÆCYPSTATÓ GENETIC SUBSTUDY OF THE SECONDARY PREVENTION OF ACUTE CORONARY EVENTS: REDUCTION OF CHOLESTEROL TO KEY EUROPEAN TARGETS (SPACE ROCKET) TRIAL

Bailey, K

Leeds University

109

TELOMERE LENGTH IS SHORTER IN HEALTHY OFFSPRING OF SUBJECTS WITH CORONARY ARTERY DISEASE: SUPPORT FOR THE TELOMERE HYPOTHESIS

Brouillette, S¹; Whittaker, A¹; Stevens, S¹; van der Harst, P²; Goodall, A¹; Samani, N¹

1. Department of Cardiovascular Sciences, University of Leicester; 2. Department of Experimental Cardiology, University of Groningen

110

CIRCULATING NEPRILYSIN AND CARDIOVASCULAR RISK: ASSOCIATIONS WITH INSULIN RESISTANCE AND THE METABOLIC SYNDROME

Carter, A; Rice, G; Standeven, K; Scott, D; Turner, A; Hooper, N; Grant, P

University of Leeds

111

DOES GENETIC VARIATION IN FTO ACCOUNT FOR THE INCREASED RISK OF OBESITY AND TYPE-2 DIABETES IN UK INDIAN ASIANS?

Chambers, J¹; Zhang, W¹; Zabaneh, D¹; Balding, D¹; McCarthy, M²; Scott, J¹; Elliott, P¹; Kooner, J¹

1. Imperial College London; 2. Oxford University

112

TRANSCRIPTION FACTOR 7-LIKE 2 (TCF7L2), INSULIN ACTION AND RISK OF TYPE 2 DIABETES AMONGST INDIAN ASIAN AND EUROPEAN WHITE MEN

Chambers, J; Scott, J; Meeran, K; Jain, P; Bloom, S; Kooner, J

Imperial College London

113

A PROSPECTIVE COMPARISON OF 2D ECHOCARDIOGRAPHY AND N TERMINAL PRO-BNP IN THE PREDICTION OF ADVERSE OUTCOME POST ACUTE MYOCARDIAL INFARCTION

Kelly, D; Khan, S; Ng, L; Squire, I

University Hospitals, Leicester

114

MMP-3 IS ASSOCIATED WITH HEART FAILURE AND ALL CAUSE MORTALITY POST ACUTE MYOCARDIAL INFARCTION

Kelly, D¹; Khan, S¹; Thompson, M²; Ng, L¹; Samani, N¹; Squire, I¹

1. University Hospitals, Leicester; 2. St. George's Hospital Medical School

Programme

115

MID-REGIONAL PRO-ATRIAL NATRIURETIC PEPTIDE PREDICTS RISK OF DEATH IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION. LEICESTER ACUTE MYOCARDIAL INFARCTION PEPTIDE (LAMP) STUDY

Khan, S1; Dhillon, O1; Struck, J2; Morgenthaler, N2; Squire, I1; Bergmann, A2; Davies, J1; Ng, L1

1. University of Leicester; 2. BRAHMS AG

116

MONOCYTE GENE EXPRESSION PROFILING IN INDIVIDUALS WITH CONTRASTING FAMILIAL RISK FOR PREMATURE MYOCARDIAL INFARCTION

Krishnan, U1; Wright, J1; Farrugia, R2; Ellis, P3; Watkins, N2; Ouwehand, W2; Goodall, A1; Samani, N1

1. Department of Cardiovascular Sciences, University of Leicester; 2. Department of Haematology, University of Cambridge and NBS; 3. Wellcome Trust Sanger Institute

117

CIRCULATING ENDOTHELIAL PROGENITOR CELLS FROM HEALTHY INDIVIDUALS EXHIBIT DIURNAL VARIATION

Thomas, H; Redgrave, R; Cunningham, M; Keavney, B; Arthur, H

University of Newcastle

118

ESTROGENS AND LIPID PROFILE IN YOUNG MEN? ASSOCIATION ANALYSIS

Tomaszewski, M1; Charchar, F2; Maric, C3; Kuzniewicz, R4; Gola, M4; Grzeszczak, W4; Zukowska-Szczechowska, E4; Samani, N1

1. University of Leicester; 2. Queen Mary's School of Medicine and Dentistry; 3. Georgetown University Medical Center; 4. Medical University of Silesia

119

H-FABP IS SUPERIOR TO TROPONIN IN PREDICTING LONG-TERM MORTALITY IN SUSPECTED ACS PATIENTS

Viswanathan, K1; Morrell, C1; Thistlethwaite, S1; Hassan, T2; Barth, J2; Hall, A1

1. University of Leeds; 2. Leeds General Infirmary

120

BNP IS THE BEST SINGLE MARKER FOR LONG-TERM MORTALITY IN ACS

Viswanathan, K1; Morrell, C1; Thistlethwaite, S1; Hassan, T2; Barth, J2; Hall, A1

1. University of Leeds; 2. Leeds General Infirmary

121

MMP 3 – A PREDICTOR OF VENTRICULAR FUNCTION FOLLOWING ACUTE MYOCARDIAL INFARCTION?

Weir, R1; Murphy, A1; Petrie, C1; Clements, S1; Steedman, T1; McMurray, J1; Ng, L2; Squire, I2; Dargie, H1

1. Western Infirmary; 2. Leicester Royal Infirmary

122

ARE INDIAN ASIANS GENETICALLY HOMOGENEOUS? IMPLICATIONS FOR GENETIC ASSOCIATION STUDIES

Zhang, W1; Zabaneh, D1; Balding, D1; McCarthy, M2; Elliott, P1; Scott, J1; Kooner, J1; Chambers, J1

1. Imperial College London; 2. Oxford University

Exchange Auditorium

18.30-20.00

Sponsored symposium

Servier Laboratories Ltd

On the pulse of CV Risk Prevention

Chair: Dr Nicholas Boon

Life in the fast lane: the need for precision control

To highlight the link between heart rate and ischaemia and the importance of treating heart rate to a target

Prof Roberto Ferrari

Diagnose on history, treat for a future

What can we do today to prepare for future trends in CV risk management?

Prof Kim Fox

Exchange Hall

18.30-20.00

Sponsored symposium

Merck, Sharp & Dohme Ltd

Lipids On Trial – Is UK lipid management placing too much emphasis upon LDL management and not fully considering other lipid parameters implicated in CV risk?

A courtroom exchange, with Judge/Chair, Prosecution, Defence Councils and Expert Witnesses.

Speakers and Roles

Judge/Chair: Sue Lawley, broadcaster and journalist










Prosecution Counsel: Prof Richard Hobbs

Defence Counsel: Dr Clive Weston




Expert witness for the Prosecution: Dr Elizabeth Hughes

Expert witness for the Defence: Prof Ian Young

Programme at a glance

	Exchange Auditorium	Exchange Hall	Charter 3-5	Charter 1
8.45	HRUK Workshop Challenges and complications in interventional electrophysiology 	BSCMR Workshop When Cardiovascular Magnetic Resonance (CMR) makes the difference: Read with the experts 	BANCC Debate: Coronary Care – but not as we know it	Teach In BSH/PCCS Hypertension and Heart Failure 
10.15	Moderated Posters in Exhibition Hall (1-13)			
11.15	BSE/SCTS Echocardiography in Acute Aortic syndromes 	Teach In BCIS 	BANCC Abstracts (14-21)	
12.45	Exhibition Break			
13.00	In Exhibition Hall  How to use adjunctive technology in the cath lab	In Exhibition Hall How to examine the heart	BANCC AGM (BANCC Members only)	
14.00	BCS/ESC/BCIS Guidelines: Development and Deliverance 	Teach In BSE/BCCA Echocardiography in Adult CHD 	BANCC/BACR/ HCPUK Women's Heart Health	BSH/NCPC/HCPUK Advanced HF 
15.30	Exhibition Break			
16.30	BCS Lecture			
17.30	Posters in Exhibition (123-265)			
18.00	Sponsored Symposia Daiichi-Sankyo & Eli Lilly		Sponsored Symposia AstraZeneca	
19.00				
20.00	Annual Dinner – Manchester Town Hall			

Tuesday 3 June

Charter 2	Exchange 1	Exchange 2	Radisson Hotel
 BSCR Free communications (selected abstracts) – BSCR Early Career Investigator Prize			SCST Abnormal findings from cardiac investigations – Nature or Nurture? (Part One)
Moderated Posters in Exhibition Hall (1-13)			
 BSCR Electrophysiological consequences of myocardial ischaemia and remodelling ■	Teach In BACR CRT and Exercise ■	BSH/BGS CSV Cognitive dysfunction in heart failure ●	SCST AGM (SCST Members only)
Exhibition Break			
Young Research Workers' Prize Basic Science A-C	How to use a clinical genetic service		
 BSCR Novel therapeutic developments in gene and cell therapy. Presentation of <i>Clinical Science</i> and BSCR prizes			SCST Abnormal findings from cardiac investigations – Nature or Nurture? (Part Two)
Exhibition Break			
Posters in Exhibition (123-265)			
Annual Dinner – Manchester Town Hall			

Programme

Main Hall Entrance 07.30-19.00

Registration

Exchange Auditorium 08.45-10.15

Heart Rhythm UK (HRUK)

Workshop: Challenges and complications in interventional electrophysiology

Chairs: Dr Edward Rowland and Dr Derek Connelly

Case presenters: Dr Guy Haywood
Dr Chris Pepper
Dr John Bourke

Exchange Hall 08.45-10.15

British Society of Cardiovascular Magnetic Resonance (BSCMR)

Workshop: When Cardiovascular magnetic resonance (CMR) makes the difference: read with the experts

Chairs: Prof Stefan Neubauer and Prof Dudley Pennell

Case presenters: Dr Sonya Babu-Narayan
Dr Saul Myerson
Dr Charles Peebles
Dr Francisco Leyva

Charter 3-5 08.45-10.15

British Association for Nursing in Cardiovascular Care (BANCC)

Coronary Care – but not as we know it?

Debate: This house believes that DGH coronary care units are still needed in the era of heart attack centres

Welcome and introduction: Mrs Jenny Tagney, President

Chairs: Ms Jan Proctor-King and Dr Mark de Belder

For: Dr Ian Jones and Dr Clive Weston

Against: Prof Christie Deaton and Prof Roger Boyle

Charter 1 08.45-10.15

British Society for Heart Failure (BSH)
Primary Care Cardiovascular Society (PCCS)

Teach-in

Hypertension and heart failure

Chairs: Prof Martin Cowie and Dr Nigel Rowell

Hypertension and heart failure: the epidemiology and assessment in primary care

Prof Richard Hobbs

From hypertension to heart failure. A continuum of systolic and diastolic dysfunction? Treatment implications

Prof John Sanderson

Do changes in intracellular ions explain the link between hypertension and heart failure?

Dr Rosaire Gray

Where hypertension and heart failure meet: addressing both kidney and cardiac function

Prof Henry Dargie

Charter 2 08.45-10.15

British Society for Cardiovascular Research (BSCR)

Free communications (selected abstracts) – BSCR Early Career Investigator Prize

Chairs: Dr Barbara McDermott and Dr Michael Curtis

Reduction of plaque instability by suppression of VSMC apoptosis with soluble N-cadherin

Dr Cressida Beeching

Characterisation of the role of dimethylarginine dimethylaminohydrolases in murine heart post-myocardial infarction

Miss Agnieszka Kozak

Deficiency of 11 β -hydroxysteroid dehydrogenase type 1 augments the inflammatory response during myocardial infarction healing

Miss Sara McSweeney

Hypoxia inhibits MMP-2 activation and invasion in human cardiac myofibroblasts

Miss Kirsten Riches

Role of NADPH oxidase-derived reactive oxygen species in cardiac dysfunction associated with doxorubicin chemotherapy

Dr Youyou Zhao

Programme

Radisson Hotel 08.45-10.15

Society for Cardiological Science and Technology (SCST)

Abnormal findings from cardiac investigations – Nature or Nurture? – Part One

Chair: Dr Brian Campbell

Inherited heart disease – a family concern

Dr Paul Brennan

QT abnormalities – the long and the short of it?

Mr David Richley

Exhibition Hall 10.15-11.15

Moderated Posters

Basic Science

Chairs: Prof Bernard Keavney and Prof Ludwig Neyses

001

RENIN CAUSES RELAXATION OF RAT RENAL ARTERIES

Becker, S; Ferro, A

King's College London

002

GENOME-WIDE ASSOCIATION STUDY IDENTIFIES MLXIPL AS A NOVEL DETERMINANT OF TRIGLYCERIDE LEVELS IN MAN

Chambers, J; Elliott, P; Scott, J; Kooner, J

Imperial College London

003

UNRAVELLING THE MOLECULAR PHENOTYPE BEHIND FAMILIAL DILATED CARDIOMYOPATHIES – THE FIRST REPORTED HUMAN FUNCTIONAL STUDY OF A UNIQUE TROPONIN C MUTATION, GLU159ASP

Jacques, A1; Dyer, E1; McKenna, W2; Marston, S1

1. NHLI; 2. The Heart Hospital

004

DOWN-REGULATION OF TISSUE INHIBITOR OF METALLOPROTEINASES (TIMP)-3 DEFINES A SUB-POPULATION OF HIGHLY INVASIVE FOAM-CELL MACROPHAGES

Johnson, J; Sala-Newby, G; Newby, A

University of Bristol

005

IDIOPATHIC RESTRICTIVE CARDIOMYOPATHY IN CHILDREN IS CAUSED BY MUTATIONS IN CARDIAC SARCOMERE PROTEIN GENES

Kaski, J1; Syrris, P2; Burch, M3; Tome-Esteban, M4; Fenton, M3; Christiansen, M5; Andersen, P5; Sebire, N3; Ashworth, M3; Deanfield, J1; McKenna, W4; Elliott, P3

1. Institute of Child Health; 2. University College London; 3. Great Ormond Street Hospital; 4. The Heart Hospital; 5. Statens Serum Institut

006

HETEROGENEOUS SERCA2A TRANSFECTION REDUCES SPONTANEOUS AND INDUCIBLE VENTRICULAR ARRHYTHMIAS IN THE RAT MODEL OF HEART FAILURE

Lyon, A; Sepehrpour, A; Dubb, S; Macleod, K; Poole-Wilson, P; Peters, N; Harding, S

Imperial College

Exhibition Hall 10.15-11.15

Moderated Posters

Clinic Science

Chairs: Prof Michael Frenneaux and Prof Keith Channon

007

LOWER MORTALITY WITH DRUG-ELUTING STENT IN THE “REAL WORLD”

Alahmar, A1; Stables, R1; Andron, M1; Egred, M1; Rahman, A2; Albouaini, K1; Patel, B3; Shaw, M1; Grayson, A1; Perry, R1

1. Cardiothoracic Centre Liverpool; 2. Leeds General Hospital; 3. Royal Liverpool University Hospital

008

PATHOPHYSIOLOGY & PREVALENCE OF INSULIN RESISTANCE AMONG NON-DIABETIC CHRONIC HEART FAILURE PATIENTS AND ITS RELATION TO DISEASE SEVERITY

Alzadjali, M; Godfrey, V; Khan, F; Choy, A; Wong, A; Petrie, J; Struthers, A; Lang, C

University of Dundee

Programme

009

PERCUTANEOUS AORTIC VALVE REPLACEMENT IN THE UNITED KINGDOM USING THE COREVALVE REVALVING SYSTEM

Asgar, A; Delahunty, N; Dalby, M; Kelleher, A; Davies, S; Moat, N; Mullen, M
Royal Brompton and Harefield NHS Trust

010

CAROTID INTIMA-MEDIA THICKNESS AS A SURROGATE MARKER OF ATHEROSCLEROSIS AND CARDIOVASCULAR DISEASE RISK IN HEALTHY UK INDIAN ASIANS AND EUROPEAN WHITES

Chahal, N¹; Lim, T²; Jain, P³; Chambers, J³; Senior, R¹; Kooner, J³
1. Northwick Park Hospital; 2. Northwick Park Hospital; 3. Imperial College

011

THE PRESENCE OF LEFT ATRIAL THROMBUS DESPITE ANTICOAGULATION IN PATIENTS UNDERGOING LEFT ATRIAL ABLATION FOR ATRIAL FIBRILLATION CANNOT BE PREDICTED BY CLINICAL RISK FACTORS

de Bono, J; Bull, S; Paisey, J; Tomlinson, D; Rajappan, K; Bashir, Y; Betts, T
John Radcliffe Hospital

012

PERCUTANEOUS AORTIC VALVE REPLACEMENT (PAVR) IN SEVERE AORTIC STENOSIS: FIRST UK EXPERIENCE

Jilaihawi, H¹; Spyt, T¹; Chin, D¹; Logtens, E¹; Laborde, J²; Kovac, J¹
1. Glenfield Hospital; 2. Clinique Pasteur

013

LONG-TERM SAFETY OF BARE-METAL AND DRUG-ELUTING STENTS FOR ON-VERSUS OFF-LABEL INDICATIONS

Kukreja, N; Daemen, J; Onuma, Y; van Twisk, P; van Domburg, R; Boersma, E; de Jaegere, P; Serruys, P
Erasmus MC

Exchange Auditorium

11.15-12.45

British Society of Echocardiology (BSE)
Society for Cardiothoracic Surgery in Great Britain and Ireland (SCTS)

Echocardiography in Acute Aortic syndromes

Chairs: Dr Simon Ray and Mr Graham Cooper

Acute Aortic syndromes: clinical features and imaging modalities

Dr Adrian Banning

Surgical strategies in Acute Aortic syndromes

Prof Robert Bonser

Echocardiography in Acute Aortic syndromes

Dr Navroz Masani

Exchange Hall

11.15-12.45

British Cardiovascular Intervention Society (BCIS)

Teach in

Chairs: Dr Rob Henderson and Dr Andrew Bishop

Contrast nephropathy – can we prevent it?

Case presentation: Dr Jonathan Byrne

Commentary: Dr Jonathan Hill

Rescue PCI – why do we do it?

Case presentation: Dr Justin Carter

Commentary: Dr Andrew Sutton

Between a rock and a hard place?

Case presentation: Dr Andrew Epstein

Commentary: Dr Sarah Clarke

Chronic occlusions – should we bother?

Case presentation: Dr Andrew Worrall

Commentary: Dr James Cotton

Programme

Charter 3-5

11.15-12.45

British Association for Nursing in Cardiovascular Care (BANCC)

Abstract session

Chairs: Dr Felicity Astin and Prof Christie Deaton

Telemonitoring in Heart Failure: Accessibility and Acceptability.

The Home-HF Study

Ms Jill Riley

Euroaction: Do couples attending a hospital based multidisciplinary family cardiovascular prevention and rehabilitation programme share the same smoking habits? Do they change together?

Ms Catriona Jennings

Cardiac Misconceptions in Hospital Staff

Dr Stephen Leslie

Nurse-Led Chest Pain Assessment: Does It Add Quality?

Mr Alun Roebuck

ICD Storm from the Patient's Perspective: Understanding the Lived Experience of Multiple Shocks from an Implantable Cardioverter Defibrillator

Ms Hilary Bugden

Reported Lifestyle Habits in Coronary Patients and Access to Cardiac Rehabilitation in the Euroaspire III Survey

Ms Catriona Jennings

Evaluation of a New Device for the Transmission of Electrocardiograms by E-Mail

Dr Stephen Leslie

Transition Care: Evaluation of the Inpatient Needs of Adults with Congenital Heart Disease

Dr Sayqa Arif

014

TRANSITION CARE: EVALUATION OF THE INPATIENT NEEDS OF ADULTS WITH CONGENITAL HEART DISEASE

Arif, S¹; Hudsmith, L²; Hawkesford, S²; Bowater, S²; Clift, P²; Thorne, S²

1. Worcester Royal Hospital; 2. University Hospitals Birmingham

015

EVALUATION OF A NEW DEVICE FOR THE TRANSMISSION OF ELECTROCARDIOGRAMS BY E-MAIL

Leslie, S¹; Potts, S²; Macfarlane, P²; Barclay, J¹

1. Raigmore Hospital; 2. Portree Medical Centre

016

ICD STORM FROM THE PATIENT'S PERSPECTIVE: UNDERSTANDING THE LIVED EXPERIENCE OF MULTIPLE SHOCKS FROM AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR

Bugden, H

Papworth Hospital NHS Trust

017

REPORTED LIFESTYLE HABITS IN CORONARY PATIENTS AND ACCESS TO CARDIAC REHABILITATION IN THE EUROASPIRE III SURVEY

Jennings, C¹; Kotseva, K¹; De Bacquer, D²; De Backer, G²; Keil, U³; Wood, D¹

1. Imperial College London; 2. University of Ghent; 3. University of Munster

018

EUROACTION: DO COUPLES ATTENDING A HOSPITAL BASED MULTIDISCIPLINARY FAMILY CARDIOVASCULAR PREVENTION AND REHABILITATION PROGRAMME SHARE THE SAME SMOKING HABITS? DO THEY CHANGE TOGETHER?

Jennings, C¹; Collier, T²; Mead, A¹; Jones, J³; Holden, A¹; De Bacquer, D⁴; De Backer, G⁴; Wood, D¹

1. Imperial College London; 2. London School of Hygiene and Tropical Medicine; 3. Brunel University; 4. University of Ghent

019

CARDIAC MISCONCEPTIONS IN HOSPITAL STAFF

Leslie, S; Maclean, E; Patience, F; Corrigall, H

Raigmore Hospital

020

TELEMONITORING IN HEART FAILURE: ACCESSIBILITY AND ACCEPTABILITY. THE HOME-HF STUDY

Riley, J¹; Dar, O²; Chapman, C³; Dubrey, S⁴; Rosen, S⁵; Gabe, J⁶; Cowie, M²

1. Royal Brompton Hospital/Imperial College; 2. Imperial College; 3. West Middlesex University Hospital; 4. Hillingdon Hospital NHS Trust; 5. Ealing Hospital NHS Trust; 6. Royal Holloway College, University of London

021

NURSE-LED CHEST PAIN ASSESSMENT: DOES IT ADD QUALITY?

Roebuck, A

City Hospitals Sunderland NHS Foundation Trust/Sunderland University

Programme

Charter 2 11.15-12.45

British Society for Cardiovascular Research (BSCR)

Electrophysiological consequences of myocardial ischaemia and remodelling

Chairs: Prof Barbara Casadei and Dr Andrew Grace

The myocardial response to injury: stretching the role of calcium?

Prof Dr Gerd Hasenfuss

The impact of ischaemia and remodelling on the myocardium – alternating contraction and sparking arrhythmias

Prof David Eisner

Cellular and electrophysiological remodelling and ventricular arrhythmogenesis

Prof Nicholas Peters

Genetic basis of malignant ventricular arrhythmias

Prof Arthur Wilde

Exchange 1 11.15-12.45

British Association for Cardiac Rehabilitation (BACR)

Teach-in

CRT and exercise: optimising patient benefit

Chair: Prof Clifford Garratt

Pre biventricular decision making and implantation

Dr Sahrkaw Muhyaldeen

Post implant optimisation

Dr Sanjiv Petkar

CRT plus exercise

Prof Patrick Doherty and Ms Sue Armstrong

Panel questions

Exchange 2 11.15-12.45

British Society for Heart Failure (BSH)

British Geriatrics Society – Cardiovascular Section

Cognitive dysfunction in heart failure

Chairs: Dr Peter Cowburn and Dr John Baxter

What is the association between heart failure and cognitive dysfunction?

Dr Duncan Forsyth

What could be the underlying mechanisms?

Dr John Starr

What is the impact of cognitive dysfunction in heart failure?

Dr Jackie Taylor

How do we manage cognitive dysfunction and heart failure?

Dr John Baxter

Radisson Hotel 11.15-12.45

Society for Cardiological Science and Technology (SCST)

Annual General Meeting

SCST members only

Exhibition Break 12.45-14.00

Exhibition Hall 13.00-14.00

How to use adjunctive technology in the catheter laboratory

Chair: Dr Philip MacCarthy

IVUS and FFR

Dr Saqib Chowdhary

Rotablation and thrombectomy

Dr Julian Strange

Exhibition Hall 13.00-14.00

How to examine the heart

Chairs: Dr Stuart Pringle, Dr Douglas Elder and Dr Shihab Khogali

Interactive session to be conducted on Harvey simulator

Programme

Charter 3-5 13.00-14.00

British Association for Nursing in Cardiovascular Care (BANCC)

Annual General Meeting

BANCC members only

Charter 2 13.00-14.00

Young Research Workers' Prize – Basic Science

Chair: Prof Michael Marber

Judges: Dr Andrew Grace
Prof Michael Schneider
Dr Lip Bun Tan

Finalists: Basic Science

A A Kontogeorgis

B S MacDonald

C R Tori

A

DYSSYNCHRONOUS ACTIVATION IN HETEROZYGOUS CX43 GERMLINE KNOCKOUT MICE INDUCES STEADY STATE POTASSIUM CURRENT REMODELLING AND SUSTAINED DYSSYNCHRONY

Kontogeorgis, A1; Kaba, R1; Li, X2; Wit, A3; Morley, G2; Peters, N1; Gutstein, D2

1. Imperial College St Mary's NHS Trust; 2. New York University School of Medicine;
3. Columbia University College of Physicians and Surgeons

B

MECHANISMS OF CARDIAC PLEIOTROPY IN CITED2 DEFICIENCY

MacDonald, S1; Bamforth, S1; Farthing, C1; Braganca, J2; Franklyn, A1; Broadbent, C2;
Schneider, J2; Schwartz, R3; Saga, Y4; Bhattacharya, S1

1. University of Oxford, John Radcliffe Hospital; 2. University of Oxford; 3. Baylor College of Medicine;
4. National Institute of Genetics

C

DIFFERENCES IN CORONARY ARTERY HAEMODYNAMICS DUE TO CHANGES IN FLOW AND VASCULAR GEOMETRY AFTER PERCUTANEOUS CORONARY INTERVENTION

Torii, R1; Wood, N1; Hadjiloizou, N2; Dowsey, A3; Wright, A4; Hughes, A2; Davies, J2;
Francis, D2; Mayet, J2; Yang, G3; Thom, S2; Xu, X1

1. Department of Chemical Engineering, Imperial College London; 2. International Centre for Circulatory Health, Imperial College Healthcare NHS Trust; 3. Department of Computing, Imperial College London;
4. Department of Radiology, St. Mary's Hospital

Exchange 1 13.00-14.00

How to use a clinical genetics service

Chair: Prof Hugh Watkins

Sudden cardiac death syndromes

Dr Edward Blair

Congenital heart disease

Dr Ruth Newbury-Ecob

Exchange Auditorium 14.00-15.30 hours

British Cardiovascular Society (BCS)

European Society Cardiology (ESC)

British Cardiovascular Intervention Society (BCIS)

Guidelines: Development and Deliverance

Chairs: Dr Nicholas Boon and Prof Kim Fox

PCI Guidelines – how we do it

Prof Sigmund Silber

Clinical versus cost effectiveness: does NICE affect our role as the patient's advocate?

Dr Mark de Belder

Putting guidelines into practice: the US approach

Dr James Dove

Putting guidelines into practice: the UK approach

Prof Roger Boyle

Exchange Hall 14.00-15.30

British Society of Echocardiology (BSE)

British Congenital Cardiac Association (BCCA)

Teach-in

Echocardiography in Adult Congenital Heart Disease

Chairs: Dr Gordon Williams, Dr Paul Clift

Anatomy of common cardiac defects; echo-anatomic correlations

Dr Andrew Cook

Echo in ACHD: the segmental approach

Ms Gill Wharton

Echo in common cardiac defects

Dr Kate English

Echo in complex ACHD

Dr Paul Clift

Programme

Charter 3-5 14.00-15.30

British Association for Nursing in Cardiovascular Care (BANCC)
British Association for Cardiac Rehabilitation (BACR)
Heart Care Partnership UK (HCP UK)

Women's heart health

Chair: Dr Jane Flint

CR provision inequalities: women and ethnicity (based on the UK NACR)
Ms Corinna Petre

Learning from India: the Mumbai CR experience
Dr Aashish Contractor

Delivering gender and culturally sensitive services in primary care – is it possible?
Mrs Ann-Marie Johnson

Commissioning a PCT CR service for women: can we afford it?
Ms Jane Milligan

Panel questions

Charter 1 14.00-15.30

British Society for Heart Failure (BSH)
National Council for Palliative Care (NCPC)
Heart Care Partnership UK (HCP UK)

Advanced heart failure: optimum clinical care includes embedded supportive strategies

Chairs: Prof Martin Cowie and Dr Michael Connolly

Supportive care for advanced heart failure – an overview
Dr James Beattie

Addressing the burden of heart failure on patients and carers
Dr Yvonne Millerick

Are we there yet? Barriers to integrating supportive and palliative care
Dr Miriam Johnson

Quality and quantity of life for people with heart failure should not be mutually exclusive
Dr Suzanna Hardman

Charter 2 14.00-15.30

British Society for Cardiovascular Research (BSCR)

Novel therapeutic developments in gene and cell therapy

Chairs: Prof Andrew Baker and Dr Chris Newman

Adeno-associated virus-6 SERCA2a as a therapy for heart failure
Prof Sian Harding

HIF1α: a promising therapeutic approach for peripheral and myocardial ischaemia
Prof Keith Channon

Gene and cell therapy for angiogenesis
Prof Paolo Madeddu

Clinical trials using autologous stem cells for cardiac repair
Dr Anthony Mathur

Presentation of Clinical Science and BSCR prizes

Radisson Hotel 14.00-15.30

Society for Cardiological Science and Technology (SCST)

Abnormal findings from cardiac investigations – Nature or Nurture? – Part Two

Chair: Dr Christopher Eggett

The athletic heart – variations and problems
Prof W Stewart Hillis

Is running a marathon heart breaking?
Prof Keith George

Cardiac aspects of Fabry disease
Dr Peter Woolfson

Exhibition Break 15.30-16.30

Exchange Auditorium 16.30-17.30

BCS lecture

Death and Regeneration: Cardiac Muscle Cell Number as a Therapeutic Target

Speaker: Prof Michael Schneider

Introduced by: Prof Derek Yellon

Thanked by: Dr Nicholas Boon

Programme

Exhibition Hall

17.30-19.00

Posters

123

SAFETY OF CONTRAST AGENTS IN STRESS ECHOCARDIOGRAPHY FOR EVALUATING PATIENTS WITH KNOWN OR SUSPECTED CORONARY ARTERY DISEASE

Anantharam, B; Bhatia, V; Chahal, N; Gani, F; Senior, R

Northwick Park Hospital

124

COMPARISON OF ADENOSINE STRESS CONTRAST ECHOCARDIOGRAPHY WITH CARDIOVASCULAR MAGNETIC RESONANCE IN PATIENTS WITH SUSPECTED CORONARY ARTERY DISEASE

Arnold, J1; Karamitsos, T1; Francis, J1; Pegg, T1; Searle, N2; Neubauer, S1; Becher, H3; Selvanayagam, J1

1. University of Oxford Centre for Clinical Magnetic Resonance Research; 2. Department of Cardiology, John Radcliffe Hospital; 3. University Department of Cardiovascular Medicine, John Radcliffe Hospital

125

2D SPECKLE TRACKING: CAN IT RELIABLY MEASURE THE INOTROPIC EFFECT OF INCREASING DOSES OF DOBUTAMINE, IN NORMAL LEFT VENTRICULAR SEGMENTS?

Bhan, A; Kapetanakis, S; Rana, B; Casella, F; Monaghan, M

King's College Hospital

126

PERCUTANEOUS AORTIC VALVE REPLACEMENT: IS THERE A DIFFERENCE BETWEEN 2D AND 3D TRANSOESOPHAGEAL ECHOCARDIOGRAPHY WHEN ASSESSING AORTIC ANNULAR DIAMETER?

Bhan, A; Kapetanakis, S; Wilson, K; Pearson, P; Wendler, O; El-Gamel, A; MacCarthy, P; Thomas, M; Monaghan, M

King's College Hospital

127

LEFT ATRIAL SIZE DETERMINED BY HAND HELD ECHOCARDIOGRAPHY PREDICTS LONG TERM ADVERSE CARDIAC OUTCOME IN SUBJECTS SCREENED FOR HEART FAILURE IN THE COMMUNITY

Dwivedi, G; Galasko, G; Banfield, A; Lim, T; Senior, R

Northwick Park Hospital

128

MYOCARDIAL VIABILITY ASSESSMENT USING RESTING MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY AND NOT BY 99MTECHNETIUM SESTAMIBI SPECT INDEPENDENTLY PREDICTS HARD CARDIAC OUTCOME FOLLOWING ACUTE MYOCARDIAL INFARCTION AND REPERFUSION THERAPY

Dwivedi, G; Janardhanan, R; Hayat, S; Swinburn, J; Senior, R

Northwick Park Hospital

129

SUBCLINICAL ABNORMALITIES OF REGIONAL LEFT VENTRICULAR MYOCARDIAL DEFORMATION IN EARLY STAGE CHRONIC KIDNEY DISEASE – THE PRECURSOR OF URAEMIC CARDIOMYOPATHY?

Edwards, N1; Hirth, A2; Ferro, C3; Townend, J3; Steeds, R3

1. University of Birmingham; 2. Institute of Clinical Medicine, University of Bergen and Department of Heart Disease, Haukeland University Hospital; 3. University Hospital Birmingham

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1. National Heart & Lung Institute, Imperial College London; 2. Royal Brompton Hospital

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1. University of Birmingham; 2. University Hospital of Wales; 3. The Heart Hospital; 4. University of Oxford

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1. Royal Liverpool University Hospital; 2. Leeds General Infirmary; 3. John Moore's University

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1. Ninewells Hospital; 2. Columbia University; 3. University of Washington

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1. University of Oxford; 2. Flinders Medical Centre

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Petersen, S1; Hudsmith, L1; Ali, M1; Francis, J1; Jerosch-Herold, M2; Markl, M3; Young, A4; Robson, M1; Watkins, H1; Neubauer, S1

1. Department Cardiovascular Medicine, John Radcliffe Hospital; 2. Brigham and Women's Hospital, Department Radiology, Cardiovascular Imaging Section; 3. University Hospital Freiburg, Department Radiology, Medical Physics; 4. University of Auckland, Department Anatomy

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Rawlins, J1; Edwards, C1; Papadakis, M1; Gati, S2; Chlebinski, A3; Sharma, S3

1. King's College Hospital; 2. Queen Elizabeth Hospital, Greenwich; 3. University Hospital, Lewisham

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Rider, O1; Petersen, S1; Francis, J1; Hudsmith, L1; Ali, M1; Robinson, M1; Clarke, K2; Neubauer, S1

1. Oxford Centre for Clinical Magnetic Resonance Research; 2. Department of Physiology, Anatomy and Genetics, University of Oxford

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Rider, O; Francis, J; Ali, M; Robinson, M; Neubauer, S

Oxford Centre for Clinical Magnetic Resonance Research

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1. Royal Blackburn Hospital; 2. Taunton and Somerset Hospital

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ABNORMAL LEFT VENTRICULAR SYSTOLIC AND DIASTOLIC FUNCTION ON EXERCISE IN PATIENTS WITH HEART FAILURE AND NORMAL EJECTION FRACTION (HFNEF)

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1. University of Birmingham; 2. University Hospital of North Staffordshire; 3. Good Hope Hospital & University of Birmingham

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Thomas, H¹; Parry, G²; Dark, J¹; Arthur, H¹; Keavney, B¹

1. University of Newcastle; 2. Freeman Hospital

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ACUTE HAEMODYNAMIC EFFECTS OF CARDIAC RESYNCHRONISATION THERAPY IN HEART FAILURE WITH A NARROW QRS DURATION

Williams, L¹; Ellery, S²; Bleasdale, R³; Patel, K¹; Leyva, F⁴; Paul, V²; Steendijk, P⁵; Frenneaux, M¹

1. University of Birmingham; 2. St Peters Hospital; 3. Royal Glamorgan Hospital; 4. Good Hope Hospital; 5. University of Leiden

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St George's University of London

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International Centre for Circulatory Health, Imperial College

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Fan, L¹; Sawbridge, D²; Bailey, A²; Kitchen, I²; Li, J²

1. Addenbrookes Hospital; 2. Cardiovascular Research Theme, Faculty of Health and Medical Sciences, University of Surrey

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University of Leicester

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University Department of Medicine, City Hospital

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St Thomas' Hospital

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1. Clinical Sciences Research Institute, University of Warwick Medical School; 2. University Hospital, UHCW NHS Trust; 3. Clinical Sciences Research Institute

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Cardiothoracic Centre

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1. Sussex Cardiac Centre; 2. Sussex Cardiac Centre

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National Institutes of Health

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1. King's College Hospital; 2. The Royal Hospitals; 3. Morriston Hospital; 4. Royal Jubilee Hospital; 5. Vancouver Island Health Authority; 6. University of British Columbia; 7. St Paul's Hospital

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London Chest Hospital

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Martin Luther University Hospital

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Department of Cardiology, Western Infirmary

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1. International Centre for Circulatory Health, St Mary's Hospital and Imperial College;
2. Physiological Flow Lab, Department of Bioengineering, Imperial College

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Galasko, G1; Frankel, A2; Baker, C1
1. Cardiology Department, Hammersmith Hospital; 2. Renal Department, Hammersmith Hospital

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1. EMO Centro Cuore Columbus & San Raffaele Hospital; 2. San Raffaele Hospital; 3. EMO Centro Cuore Columbus

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1. EMO Centro Cuore Columbus & San Raffaele Hospital; 2. San Raffaele Hospital; 3. EMO Centro Cuore Columbus

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1. Royal Brompton and Harefield NHS Trust; 2. University of Mainz; 3. Washington Hospital Centre

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St Mary's Hospital and Imperial College London

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Manchester Heart Centre, Manchester Royal Infirmary

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The James Cook University Hospital

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1. Wessex Cardiac Unit, Southampton University Hospital; 2. Southampton University Medical School

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1. Glenfield Hospital; 2. Clinique Pasteur

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Glenfield Hospital

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1. Glenfield Hospital; 2. University of Leicester

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Institut Cardiovasculaire Paris Sud

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Kukreja, N¹; Dani, S²; Parikh, P²; Joshi, H²; Prajapati, J²; Jain, S²; Thanvi, S²; Shah, B³; Dutta, J⁴

1. Erasmus MC; 2. SAL Hospital & Medical Institute; 3. Sheth Vadilal Sarabhai General Hospital; 4. Sahajanand Medical Technologies Pvt. Ltd.

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St Thomas' Hospital

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1. Martin Luther University Hospital; 2. Bundeswehrzentralinstitut der Bundeswehr; 3. Johannes Gutenberg University

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REAL WORLD BLEEDING COMPLICATIONS DURING RESCUE PCI; THE MANCHESTER HEART CENTRE EXPERIENCE

Mamas, M¹; Zi, M¹; Clarke, B²; El-Omar, M²; Fath-Ordoubadi, F²; Khattar, R²; Appleby, C²; Anwar, M²; Neyses, L¹; Fraser, D²

1. Department of Cardiology, Manchester University; 2. Manchester Heart Centre

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A COMPARISON OF FRACTIONAL FLOW RESERVE (FFR) AND MIBI SPECT TO DETECT ISCHAEMIC TERRITORIES IN PATIENTS WITH MULTO-VESSEL CORONARY ARTERY DISEASE

Melikian, N¹; De Bondt, P²; Cuisset, T²; Wyffels, E²; Bartunek, J²; Heyndrickx, G²; Wijns, W²; De Bruyne, B²

1. Cardiovascular Division, King's College School of Medicine London; 2. Cardiovascular Center Aalst

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Morton, A¹; Siotia, A²; Gunn, J¹

1. University of Sheffield; 2. Northern General Hospital

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EMO Centro Cuore Columbus

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Royal Bournemouth Hospital

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Leeds General Infirmary

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1. John Radcliffe Hospital; 2. Northern Hospital; 3. Catholic University

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Royal Cornwall Hospital

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Royal Free Hampstead NHS Trust

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University of Leeds

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Egred, M1; Townley, R2; Mitnistki, A1; Chan, B1; Song, X1; Wang, Y1; Brownell, B1; Cox, J1; Love, M1

1. Queen Elizabeth II Health Sciences Centre, Halifax Infirmary; 2. Kelowna Hospital, British Colombia

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Hall, A1; Space Rocket Investigators, T2

1. Leeds University; 2. NHS

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Khan, S1; Ng, K2; Narayan, H2; Quinn, P2; Squire, I2; Davies, J2; Ng, L2

1. Wythenshawe Hospital; 2. University of Leicester

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Muir, A1; McMullin, M2; Patterson, C2; McKeown, P2

1. Royal Victoria Hospital; 2. Queen's University

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Royal Victoria Hospital

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Teoh, M1; Dubrey, S1; Roughton, M2; Grocott-Mason, R1

1. Hillingdon Hospital; 2. Royal Brompton NHS Trust

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30-DAY MORTALITY RATES FOR PATIENTS ADMITTED WITH AN ACUTE CORONARY SYNDROME. CUMULATIVE FUNNEL PLOTS FOR TWO CARDIAC CENTRES WITHIN THE NORTH-EAST OF ENGLAND

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1. James Cook University Hospital; 2. Royal Victoria Infirmary

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University College London

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Jones, J1; Jennings, C1; Holden, A1; Connolly, S1; Kotseva, K1; Collier, T2; De Backer, G3; Wood, D1

1. National Heart and Lung Institute, Imperial College; 2. Department of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine; 3. National Heart and Lung Institute, Imperial College

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A COMPARISON OF EMERGENCY NURSES (EN), EMERGENCY NURSE PRACTITIONERS (ENP) AND EMERGENCY CARE PRACTITIONERS (ECP) USE OF HEURISTICS IN THEIR CLINICAL REASONING AND DECISION MAKING ABILITY TO CORRECTLY MANAGE/TRIAGE PATIENTS PRESENTING WITH CHEST PAIN

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1. University of the West of England; 2. Coventry University

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DO HEART FAILURE SPECIALIST NURSES REALLY MAKE A DIFFERENCE TO HEALTH RELATED QUALITY OF LIFE, ANXIETY AND DEPRESSION LEVELS AND SELF CARE BEHAVIOURS IN THEIR PATIENTS?

Pattenden, J; Coulton, S; Spilsbury, K; Lewin, R

University of York

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PATIENT, CARER AND PUBLIC INVOLVEMENT IN SUPPORTING PATIENTS WITH CHRONIC HEART FAILURE

Peardon, L1; Pratt, R2; Yellowlees, D3; Reid, J4; Leslie, S5; Denvir, M4

1. Chest, Heart and Stroke, Scotland; 2. University of Edinburgh; 3. St John's Hospital Livingstone; 4. Royal Infirmary of Edinburgh; 5. Raigmore Hospital

Exchange Hall

18.00-19.30

Sponsored symposium

Daiichi-Sankyo & Eli Lilly

ACS-PCI: Antiplatelet therapy – controversy or consensus?

Chair: Prof Anthony Gershlik and Dr Mark de Belder

Is the current standard of therapy good enough?

Unsolved problems in dual antiplatelet therapy

Dr Marcus Flather

Can and should we individualise patient therapy?

From lab to bedside testing

Dr Robert Storey

When is it time to stop?

The balance between late stent thrombosis and bleeding

Dr Mark de Belder

2012 – where will we be with ACS-PCI management

Prof Christoph Bode

Charter 1

18.00-19.30

Sponsored symposium

AstraZeneca

Managing the Increasing Burden of Cardiovascular Risk

Chair: Prof Richard Hobbs

Cost of Treating Risk Factors

Dr Chris Poole

Is Screening For All Realistic

Dr Sarah Jarvis

New Approaches in the Management of Risk Factors

Dr Marc Evans

Programme at a glance

Wednesday 4 June

	Exchange Auditorium	Exchange Hall	Charter 3-5
8.15			
8.45	Young Research Workers' Prize Clinical Science D-F		
9.45	Moderated Posters in Exhibition Hall (22-34)		
10.45	BCIS Workshop Controversial Decision Making in Percutaneous Coronary Intervention ◆	HRUK/BSCR Translational research in cardiac electrophysiology ■	BSH Non compaction and HF ● ▲
12.15		AGM (BCS Members only)	
13.30	BCCA/BSE Workshop Imaging modalities in congenital heart disease: is there a best or are they complimentary? ▲	Update on National Cardiovascular Audits ◆	BSH/BSE CRT
15.00	Exhibition Break		
16.00	Young Research Workers' Prize Awards Followed by Thomas Lewis Lecture		
17.00			

Charter 1	Charter 2
	Primary PCI Oral Communications (266-272) ◆
Moderated Posters in Exhibition Hall (22-34)	
BCCA Late effects of CHD	
Exhibition Break	
BHF Fellows	BCS/Renal Association
Exhibition Break	

Programme

Main Hall Entrance 07.30-16.00

Registration

Charter 2 08.15-09.45

Primary PCI Oral Communications

Chairs: Dr David Smith and Prof Martin Rothman

State of the Art talk

Practical Issues in Primary PCI

Dr David Smith

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Royal Berkshire Hospital

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PRIMARY ANGIOPLASTY FROM THE RADIAL ROUTE IS SAFE AND EFFECTIVE AND DOES NOT SIGNIFICANTLY INCREASE DOOR TO BALLOON TIME

Shahzad, A; Worrall, A; Norell, M; Khogali, S; Cusack, M; Banks, M; Cotton, J

New Cross Hospital

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INCIDENCE OF TAKO-TSUBO CARDIOMYOPATHY IN PATIENTS UNDERGOING PRIMARY ANGIOPLASTY FOR ST ELEVATION MYOCARDIAL INFARCTION

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Priestley, C; McLenachan, J

Yorkshire Heart Centre

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PRIMARY PERCUTANEOUS INTERVENTION (PPCI) FOR ST SEGMENT ELEVATION MYOCARDIAL INFARCTION PROGRAMME UNCOVERS PREVIOUSLY UNDIAGNOSED CORONARY ARTERY DISEASE THAT REQUIRES REVASCULARISATION: IMPORTANCE FOR SERVICE PLANNING

Singh, R¹; Billing, S¹; Norell, M¹; Cusack, M¹; Khogali, S¹; Banks, M²; Cotton, J¹

1. Wolverhampton Heart and Lung Centre; 2. Russell Hall Hospital NHS Trust

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ABORTED MYOCARDIAL INFARCTION IN THE PRIMARY PCI ERA

Twomey, D; Kunadian, B; Khan, S; Morley, R; Hall, J; Muir, D; Sutton, A; Wright, R; de Belder, M

James Cook University Hospital

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VALIDATION OF RISK ADJUSTMENT MODELS FOR MORTALITY FOLLOWING PRIMARY PERCUTANEOUS INTERVENTION USING A UK-BASED DATA SET

Twomey, D; Kunadian, B; Khan, S; Morley, R; Roberts, A; Sutton, A; Wright, R; Hall, J; Muir, D; de Belder, M

James Cook University Hospital

272

USING STATISTICAL PROCESS CONTROL TO PLOT THE DOOR-TO-BALLOON TIME FOR DATA FEEDBACK AND ANALYSIS IN PATIENTS PRESENTING WITH ACUTE MYOCARDIAL INFARCTION

Twomey, D; Kunadian, B; Roberts, A; Morley, R; Hall, J; Sutton, A; Wright, R; Muir, D; de Belder, M

The James Cook University Hospital

Programme

Exchange Auditorium

08.45-09.45

Young Research Workers' Prize – Clinical Science

Chair: Dr James Dove

Judges: Prof Hugh Watkins
Prof Julian Halcox
Prof Mark Kearney

Finalists: Clinical Science

D P Braund
E N Rajendra
F M Seddon

D

A NOVEL LOCUS – PSRC1/CELSR2 GENE LOCUS ON CHROMOSOME 1P13.3 – THAT AFFECTS SERUM CHOLESTEROL AND IS ASSOCIATED WITH INCREASED RISK OF CORONARY ARTERY DISEASE

Braund, P¹; Erdmann, J²; Tomaszewski, M¹; Gätz, A³; Hajat, C⁴; Linsel-Nitschke, P²; Mangino, M¹; Hengstenberg, C⁵; Stevens, S¹; Stark, K⁵; Ziegler, A³; Pollard, H¹; Caulfield, M⁶; Hall, A⁷; Burton, P⁴; Schunkert, H²; Tobin, M⁴; Samani, N¹

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E

ENDOGENOUS XANTHINE OXIDASE CAUSES PROFOUND VASCULAR OXIDATIVE STRESS AND WIDESPREAD ENDOTHELIAL DYSFUNCTION IN CHRONIC STABLE ANGINA PATIENTS DESPITE CONTEMPORARY THERAPY

Rajendra, N; Ireland, S; George, J; Lang, C; Struthers, A
University of Dundee

F

BASAL VASCULAR TONE IN HUMANS IN VIVO IS REGULATED BY NEURONAL NITRIC OXIDE SYNTHASE (nNOS)

Seddon, M¹; Chowienicz, P¹; Melikian, N¹; Dworakowski, R¹; Casadei, B²; Shah, A¹
1. King's College School of Medicine; 2. University of Oxford

Exhibition Hall

09.45-10.45

Moderated Posters

Basic Science

Chairs: Prof Barbara Casadei and Prof Alistair Hall

022

PMCA4b MODULATES BETA-ADRENERGIC RESPONSE THROUGH REGULATION OF PHOSPHOLAMBAN PHOSPHORYLATION

Mohamed, T; Oceandy, D; Alatiwi, N; Baudoin, F; Cartwright, E; Neyses, L
University of Manchester

023

THE PLASMA MEMBRANE CALCIUM/CALMODULIN DEPENDENT ATPASE 4 (PMCA4) IS A NOVEL MODULATOR OF MYOCARDIAL HYPERTROPHY

Oceandy, D; Prehar, S; Zi, M; Mohamed, T; Stanley, P; Cartwright, E; Alatiwi, N; Neyses, L
University of Manchester

024

ENDOTHELIAL OVEREXPRESSION OF NOX4 ENHANCES VASORELAXATION AND LOWERS BLOOD PRESSURE IN MICE IN VIVO

Ray, R; Zhang, M; Ouattara, A; Cave, A; Brewer, A; Shah, A
King's College London

025

REPEATED REPLICATION AND META-ANALYSIS OF THE ASSOCIATION BETWEEN CHROMOSOME 9P21.3 AND CORONARY ARTERY DISEASE

Samani, N¹; Gätz, A²; Braund, P¹; McGinnis, R³; Tregouet, D⁴; Mangino, M¹; Linsel-Nitschke, P²; Cambien, F⁴; Hengstenberg, C⁵; Stark, K⁵; Blankenberg, S⁶; Tiret, L⁴; Ducimetiere, P⁷; Keniry, A³; Ghori, M³; Schreiber, S⁸; El Mokhtari, N⁸; Hall, A⁹; Dixon, R¹; Goodall, A¹; Liptau, H²; Pollard, H¹; Schwarz, D²; Hothorn, L¹⁰; Wichmann, H¹¹; Kšni, I²; Fischer, M⁵; Meisinger, C¹²; Ouwehand, W¹³; Deloukas, P³; Thompson, J¹; Erdmann, J²; Ziegler, A²; Schunkert, H²

1. University of Leicester; 2. Universität zu Lüneburg; 3. Wellcome Trust Sanger Institute; 4. INSERM, UMR S 525; 5. Universität Regensburg; 6. Johannes Gutenberg University; 7. Unit INSERM 780; 8. UK-SH, Campus Kiel; 9. University of Leeds; 10. Leibniz Universität Hannover; 11. Ludwig Maximilians University; 12. GSF Nationales Forschungszentrum für Umwelt und Gesundheit; 13. University of Cambridge

Programme

026

INVESTIGATION OF ENDOTHELIAL PROGENITOR CELL RESPONSES FOLLOWING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION.

Thomas, H; Arthur, H; Keavney, B

University of Newcastle

027

ISCHAEMIC PRECONDITIONING IS NOT DEPENDENT UPON GSK-3B INHIBITION

Webb, I; Nishino, Y; Clark, J; Marber, M

The Rayne Institute, St Thomas' Hospital, Kings College

Exhibition Hall

09.45-10.45

Moderated Posters

Clinical Science

Chairs: Dr David Newby and Dr Iain Simpson

028

RELATIONSHIPS BETWEEN PROGNOSTIC, SYMPTOMATIC AND ECHOCARDIOGRAPHIC OUTCOMES AFTER CARDIAC RESYNCHRONISATION THERAPY

Foley, P¹; Challi, S¹; Khadjooi, K¹; Stegemann, B²; Frenneaux, M³; Smith, R¹; Leyva, F¹

1. Good Hope Hospital, University of Birmingham, Heart of England NHS Foundation Trust;
2. Bakken Research Centre, Medtronic Inc; 3. University of Birmingham

029

THE PATHOPHYSIOLOGIC EFFECTS OF LEFT BUNDLE BRANCH BLOCK: IMPLICATIONS FOR MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY VS RADIONUCLIDE PERFUSION IMAGING FOR THE DETECTION OF CORONARY ARTERY DISEASE

Hayat, S; Dwivedi, G; Jacobsen, A; Lim, T; Kinsey, C; Senior, R

Northwick Park Hospital

030

LOCAL PROVISION OF PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN A DISTRICT GENERAL HOSPITAL SETTING: EXTENSION TO 24/7 PROVISION DRAMATICALLY REDUCES THE NEED FOR RESCUE PERCUTANEOUS CORONARY INTERVENTION WITH ACCEPTABLE DOOR-TO-BALLOON TIMES

Kong, P; Connolly, D; Ahmad, R

Sandwell General Hospital, Sandwell and West Birmingham Hospitals NHS Trust

031

Title: DOES THE ALDOSTERONE : RENIN RATIO (ARR) PREDICT THE EFFICACY OF SPIRONOLACTONE OVER BENDROFLUMETHAZIDE IN HYPERTENSION? THE RENALDO STUDY

Parthasarathy, H¹; Alhashmi, K²; Struthers, A³; Connell, J²; McInnes, G²; Ford, I⁴; MacDonald, T³

1. Norfolk and Norwich University Hospital; 2. Division of Cardiovascular Sciences, Western Infirmary;
3. Division of Medicine and Therapeutics, Ninewells Hospital and Medical School; 4. Robertson Centre for Biostatistics, University of Glasgow

032

ACCURATE DETECTION OF CORONARY ARTERY DISEASE BY ECHOCARDIOGRAPHY USING PERFLUBUTANE POLYMER MICROSPHERES, A NOVEL CONTRAST AGENT: COMPARISON WITH NUCLEAR PERFUSION IMAGING IN TWO PHASE THREE MULTICENTER CLINICAL TRIALS

Senior, R¹; Zabalgaitia, M²; Monaghan, M³; Main, M⁴; Zamorano, J⁵; Tiemann, K⁶; Agati, L⁷; Weissman, N⁸; Klein, A⁹; Marwick, T¹⁰; Ahmad, M¹¹; DeMaria, A¹²; Becher, H¹; Kaul, S¹³; Udelson, J¹⁴; Wackers, F¹⁵; Walovitch, R¹⁶; Picard, M¹⁷

1. Northwick Park Hospital; 2. University of Texas Health Science Centre; 3. King's College Hospital;
4. Mid America Heart Institute; 5. University Clinic San Carlos; 6. University of Bonn;
7. La Sapienza University of Rome; 8. Cardiovascular Research Institute; 9. Cleveland Clinic;
10. Princess Alexandria Hospital; 11. University of Texas; 12. University of California-San Diego;
13. Oregon Health Sciences University; 14. Tufts New England Medical Center;
15. Yale University School of Medicine; 16. Accusphere Inc; 17. Massachusetts General Hospital

033

ECGS AND REPERFUSION: DO WE KNOW WHAT WE ARE DOING?

Trent, R; Raju, H; Jones, J; Christopherson, F

Wrexham Maelor Hospital

034

ECHO IDENTIFICATION AND QUANTIFICATION OF INFLAMMATORY MOLECULES IN THE HEART

Yeh, J¹; Sennoga, C²; McConnell, E¹; Eckersley, R²; Tang, M³; Dawson, D⁴; Boyle, J⁵; Seddon, J⁶; Stepney, A⁷; Haskard, D¹; Nihoyannopoulos, P¹

1. National Heart and Lung Institute, Imperial College London, Hammersmith Campus, Du Cane Road;
2. Imaging Sciences Department, Imperial College London, Hammersmith Campus, Du Cane Road;
3. Department of Bioengineering, Imperial College London, South Kensington Campus;
4. Echocardiology, Hammersmith Hospital, Du Cane Road;
5. Histopathology Department, Imperial College London, Hammersmith Campus, Du Cane Road;
6. Chemistry Department, Imperial College London, South Kensington Campus, Exhibition Road;
7. Central Biomedical Services, Imperial College London, Hammersmith Campus, Du Cane Road

Programme

Exchange Auditorium 10.45-12.15

British Cardiovascular Intervention Society (BCIS)

Workshop – Controversial Decision Making in Percutaneous Coronary Intervention

Chair: Dr Simon Redwood

Panel: Dr Mark de Belder
Dr Bernard Prendergast
Dr Nicholas Curzen
Dr Christopher Young

Data Presentation: Dr Robert Henderson

Case 1: Revascularisation in stable angina

Dr Andrew Bishop

Case 2: Major non-cardiac surgery post PCI using drug eluting stents

Dr Dan Blackman

Case 3: Incomplete vs complete revascularisation in the setting of AMI

Dr Mark Mason

Case 4: Unprotected left main stenting

Dr Adrian Banning

Exchange Hall 10.45-12.15

**British Society for Cardiovascular Research (BSCR)
Heart Rhythm UK (HRUK)**

Translational research in cardiac electrophysiology

Chairs: Prof David Eisner and Dr Andrew Grace

Atrial electrophysiology – role of tissue preparations

Prof Nicholas Peters

AV nodal electrophysiology – new insights

Prof Mark Boyett

Ventricular arrhythmias in heart failure – cellular studies

Dr Luigi Venetucci

Ventricular arrhythmias in heart failure – animal models

Dr Rachel Myles

Charter 1 10.45-12.15

British Congenital Cardiac Association (BCCA)

Late effects of CHD

What to expect following repair/palliation for common congenital conditions
e.g. Fallot, Fontan, Transposition (Atrial and arterial switch) – recognising the problems
Dr Graham Stuart

Surgical aspects of late problems associated with congenital heart disease

Mr William Brawn

Medical aspects to manage late problems

Dr Lorna Swan

Patient non-medical needs (works, social, personal)

Dr Paul Willgoss

Charter 3-5 10.45-12.15

British Society for Heart Failure (BSH)

Non compaction and heart failure

Chairs: Dr Suzanna Hardman and Prof Martin Cowie

Overview: an emerging epidemic? Evidence, facts and myths

Dr Perry Elliott

Non-compaction: the spectrum of genotype and phenotypes (to include range of clinical presentations)

Dr Jeffrey Towbin

How best to image: what the different modalities contribute

MRI

Dr Sanjay Prasad

Echocardiography

Dr Alison Duncan

Treatment implications

Dr Theresa McDonagh

Exchange Hall 12.15-13.30

British Cardiovascular Society (BCS)

Annual General Meeting

BCS members only

Programme

Exhibition Break 12.15-13.30

Exchange Auditorium 13.30-15.00

British Congenital Cardiac Association (BCCA)

British Society of Echocardiology (BSE)

Imaging modalities in congenital heart disease; is there a best or are they complimentary?

Chairs: Dr John Simpson and Prof Reza Razavi

Echocardiography of natural and repaired congenital heart disease (including 3D, TOE, ICE)

Dr Joseph Vettukattil

CMR for CHD: is this the gold standard?

Dr Sonya Babu-Narajan

CT for CHD: is this the platinum standard?

Dr Vivek Muthurangu

Guide to selecting most useful modality for specific clinical situations

Dr Peter Wilde

Exchange Hall 13.30-15.00

British Cardiovascular Society (BCS)

Update on National Audits

Chairs: Dr Mark de Belder and Dr Stephen Holmberg

Overview of Current Audits

Prof Roger Boyle

National Infarct Angioplasty Project (NIAP): Progress report

Dr Huon Gray

MINAP – the research agenda

Prof Adam Timmis

NCEPOD cardiac surgery project: Final report

Dr Mark Signy

Charter 3-5 13.30-15.00

British Society for Heart Failure (BSH)

British Society of Echocardiology (BSE)

CRT: unanswered questions

Chairs: Dr Kevin Fox and Dr Peter Cowburn

Debate: Selection of patients for CRT: echocardiographic measures of dyssynchrony have a role

Pro: Prof John Sanderson

Con: Dr Andrew Clark

Workshop

What is non-response?

Prof John Cleland

Treating non-response-drugs, devices and system of care

Dr Rakesh Sharma

Charter 1 13.30-15.00

British Heart Foundation Fellows

Chairs: Prof Jeremy Pearson

Large scale population studies in coronary heart disease: past present and future

Dr Kausik Ray (BHF Fellow)

Pharmacogenomics of hypertension

Dr Sandosh Padmanabhan (BHF Fellow)

Air pollution and atherothrombosis

Dr Nicholas Mills (BCS/Michael Davies Fellow)

Insulin resistance and the endothelium

Prof Mark Kearney (BHF Fellow)

Programme

Charter 2 13.30-15.00

**British Cardiovascular Society (BCS)
Renal Association**

Kidneys and hearts: connected by more than just the aorta

Chairs: Dr Charles Knight and Dr Kevin Harris

Why is microalbuminuria a risk factor for cardiovascular disease?

Dr Simon Satchell

Vascular changes in children with chronic kidney disease

Dr Lesley Rees

Non-invasive vascular studies in renal patients

Dr Charlie Ferro

Myocardial stunning in patients on haemodialysis

Dr Chris McIntyre

Exhibition Break 15.00-16.00

Exchange Auditorium 16.00-17.00

Young Research Workers' Prize Awards

Followed by the Thomas Lewis Lecture

New insights into cardiovascular disease from Magnetic Resonance studies

Prof Stefan Neubauer

Introduced by: Prof Barbara Cassadei

Thanked by: Dr Stephen Holmberg

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