Annual Scientific Conference Programme

2-4 June 2008, Manchester Central

Held in conjunction with BSCR
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
New members To be introduced at the AGM 2008

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

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
White BCS Member
Red Non member
Green Presenter/Chairman
Black BCS Staff
Yellow 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.
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.

## Exhibition

### Monday 2 June

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

### Tuesday 3 June

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

<table>
<thead>
<tr>
<th>Committee</th>
<th>Room</th>
<th>Time</th>
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<tbody>
<tr>
<td>Heart Rhythm UK (HR (UK))</td>
<td>Exchange 4</td>
<td>07.00-08.45</td>
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<tr>
<td>Society for Cardiological Science and Technology (SCST) – Education</td>
<td>Exchange 4</td>
<td>09.45-10.45</td>
</tr>
<tr>
<td>Guidelines and Practice Committee</td>
<td>Exhibit 1</td>
<td>09.45-10.45</td>
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## BCS Board and Council

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

### Council Members

- Roger Boyle
- William Brawn
- Chris Burrell
- Keith Channon
- Chris Clough
- Stuart Cobbe
- Martin Cowie
- David Crossman
- Mark De Belder
- Patrick Doherty
- Chris Eggett
- David Eisner
- Jane Flint
- Alan Fraser
- Chris Gale
- David Geldard
- Peter Groves
- J im Hall
- Trudie Lobban
- Terry McCormack
- Andrew McLeod
- Graeme McNeeil
- Charles Peebles
- Dudley Pennell
- Simon Ray
- Edward Rowland
- J ames R oxburgh
- Mark Signy
- Declan Sugrue
- J enny T agney
- Adam Timmis
- Neal Uren
- Simon Waldman
- Peter Weissberg

## Joint committees

### Heart Management (BCS/BMJ Publishing)
- Nicholas Boon (President, BCS, Co-Chair)
- Stella Dutton (Chief Executive Officer, BMJ PG, 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
- J ohn C amm
- 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 Yellow
- 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
- J ackie G anley
- David Geldard
- Beccy Holmberg
- Kevin Jennings
- Geoff Morris
- Anthony Mounct
- Satoru Naguchi
- Peter Weissberg
- Anthony Whitehead
- Derek Yellow
- 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
- Dillow Hussain
- Anna Kassai
- Steven Yeats

### Programme
- David Crossman (Chair)
- George Barnes
- Martin Bennett
- Nicholas Boon
- Barbara Casadel
- Sarah Clarke
- Stuart Cobbe
- Anthony Gershlick
- David Hackett
- Stephen Holmberg
- Kevin Jennings
- Charles Knight
- Jeremy Pearson
- Bernard Prendergast
- Iain Simpson
- Derek Yellow
- Mary-Lou Pults
- Steven Yeats
Affiliated groups

Arrhythmia Alliance (A-A)
President: Prof John Camm (jcamm@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.stthames.nhs.uk)
Secretary: Dr Bernard Prendergast (bernard.prendergast@smuht.nwest.nhs.uk)

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

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).
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 Coughlan (rc@prdg.demon.co.uk)
Secretary: Dr Roger Bury (rogerbury@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.nw.mht.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@suntpct.nhs.uk)
Treasurer: Dr Leslie Goulding (l.goulding858@btinternet.com)
Secretary: Mr Peter Lewis (peter.lewis@nglam-tr.wales.nhs.uk)
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.
## Monday 2 June

**Programme at a glance**

<table>
<thead>
<tr>
<th>Time</th>
<th>Exchange Auditorium</th>
<th>Exchange Hall</th>
<th>Charter 3-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.00</td>
<td>Sponsored Symposia CV Therapeutics Europe Ltd</td>
<td></td>
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</tr>
<tr>
<td>10.00</td>
<td></td>
<td>Exhibition Opens</td>
<td></td>
</tr>
<tr>
<td>11.00</td>
<td>Opening Ceremony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.15</td>
<td>BCCA/BCS Holes, tunnels and leaks</td>
<td>Meet the SAC</td>
<td>BSCMR/BAS CMR in CHD</td>
</tr>
<tr>
<td>12.45</td>
<td>Exhibition Break</td>
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<tr>
<td>13.00</td>
<td>In Exhibition Hall How to programme a pacemaker or AICD device</td>
<td>In Exhibition Hall How to interact with the legal profession</td>
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<td>14.00</td>
<td>BCS/ACC Cardiac risk in athletes</td>
<td>Teach In HRUK Emergency management of arrhythmias</td>
<td>BSH/HCPUK/BCCA Cardiovascular aspects of pregnancy</td>
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<tr>
<td>15.30</td>
<td>Exhibition Break</td>
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<tr>
<td>16.30</td>
<td>BCS/RCP Lecture Joy Edelman Legacy</td>
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<td>17.30</td>
<td>BCS and BSCR Posters in Exhibition (35-122)</td>
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<tr>
<td>18.30</td>
<td>Sponsored Symposia Servier Laboratories Ltd</td>
<td>Sponsored Symposia Merck Sharpe &amp; Dohme</td>
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<td>20.00</td>
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**Charter 1**

- BSH/BNCS/BSE Investigations in heart failure: tracking changing prognosis and tailoring therapy
- BSCR Unstable Plaque: To Inflammation and Beyond

**Charter 2**

- BSE/BSCMR/BNCS/BSCI Multimodality imaging case demonstration and interaction
- BSCR Targeting acute and chronic remodelling post-myocardial infarction

**Exchange 1**

- Exhibition Opens

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**Sponsored Symposia**

- Merck Sharpe & Dohme
- Servier Laboratories Ltd

---

**How to**

- How to programme a pacemaker or AICD device
- How to interact with the legal profession
- How to use murine magnetic resonance

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**BCS and BSCR Posters in Exhibition**

1. Heart Failure
2. Electrophysiology/pacing
3. Intervention
4. Imaging

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**Programme at a glance**

14

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### Main Hall Entrance

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<thead>
<tr>
<th>Event</th>
<th>Time</th>
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<tbody>
<tr>
<td>Registration</td>
<td>08.30-19.00</td>
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### Exchange Auditorium

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
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<tbody>
<tr>
<td>Sponsored Symposium</td>
<td>09.00-10.30</td>
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<tr>
<td>CV Therapeutics Europe Ltd</td>
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<tr>
<td>Clinical Implications of the inhibition of the late sodium current. A new paradigm in the treatment of ischaemic heart disease.</td>
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<tr>
<td>Chairs: Prof John Camm and Prof Robert Wilcox</td>
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<tr>
<td>Welcome and introduction</td>
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<tr>
<td>Prof John Camm</td>
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<td>Chronic stable angina: a benign condition or requiring aggressive management</td>
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<tr>
<td>Prof Robert Wilcox</td>
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<tr>
<td>The role of the late sodium current as a new target in ischaemic heart disease</td>
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<tr>
<td>Prof John Camm</td>
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<tr>
<td>The clinical management of ischaemic heart disease and diabetes</td>
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<td>Dr Mark Kearney</td>
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<td>Inequity in the management of angina - it’s unfair but does it matter?</td>
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<td>Prof Adam Timmis</td>
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<tr>
<td>Conclusions and summary</td>
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<tr>
<td>Prof Robert Wilcox</td>
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<tr>
<td>Exhibition Opens</td>
<td>10.00</td>
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### Exchange Hall

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<thead>
<tr>
<th>Event</th>
<th>Time</th>
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<tbody>
<tr>
<td>SAC Programme</td>
<td>11.15-12.45</td>
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<tr>
<td>Chair: Prof Stuart Cobbe</td>
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<tr>
<td>MMC and the Tooke Enquiry</td>
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<tr>
<td>Prof Stuart Cobbe</td>
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<td>Trainees assessments</td>
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<td>Dr Ian Wilson</td>
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<td>e-portfolio and Knowledge Based Assessment</td>
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<td>Dr Jim Hall</td>
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<td>Questions and answers</td>
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### Charter 3-5

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
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<tbody>
<tr>
<td>British Society of Cardiovascular Magnetic Resonance (BSCMR)</td>
<td>11.15-12.45</td>
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<tr>
<td>British Atherosclerosis Society (BAS)</td>
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<tr>
<td>Cardiovascular magnetic resonance for the assessment of coronary heart disease</td>
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<tr>
<td>Chairs: Prof Henry Dargie and Prof Keith Channon</td>
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<tr>
<td>Pathophysiology of coronary heart disease - the case for multi-parametric imaging</td>
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<td>Prof Michael Frenneaux</td>
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<td>CMR of patients with stable chest pain</td>
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<td>Prof Eike Nagel</td>
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<td>Assessment of acute coronary syndromes with CMR</td>
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<td>Dr Sven Plein</td>
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<td>Assessment of arterial wall volume and function</td>
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<td>Prof Dudley Pennell</td>
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<tr>
<td>Atherosclerotic plaque and molecular imaging</td>
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<tr>
<td>Dr Robin Choudhury</td>
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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
Charter 1 | 14.00-15.30
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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
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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, B4, 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 Nilesh Samani

*Introduced by: Dr Michael Cheshire*  
*Thanked by: Prof Hugh Watkins*

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**Exhibition Hall  17.30-19.00**

**BCS and BSCR Posters**

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**035**

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

Addison, C; Foley, P; Ratib, K; Patel, K; Smith, R; Leyva, F

1. Good Hope Hospital, Heart of England NHS Foundation Trust; 2. Good Hope Hospital, University of Birmingham; 3. Heart of England NHS Foundation Trust; 4. Sandwell Hospital, University of Birmingham

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**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

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**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

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**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

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**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

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**040**

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

Augustine, D; Khan, Z; Chamberlain-Webber, R; West, N

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

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**041**

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

Bailey, K; Space Rocket Investigators, T

1. Leeds University; 2. NHS

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**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

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**043**

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

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

Royal Victoria Hospital, Regional Medical Cardiology Centre

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**044**

**CORONARY ARTERY REMODELING IS ASSOCIATED WITH LONG-TERM CARDIOVASCULAR PROGNOSIS**

Berry, C; Noble, S; L’Allier, P; Gregoire, J; Lesperance, J; Levesque, S; Ibrahim, R; Tardif, J

1. BHF Glasgow Cardiovascular Research Centre; 2. Montreal Heart Institute
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, S; Tapp, L; Price, A; Marshall, H; Prasad, N; Glancy, J; Griffith, M
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, C; Hudsmith, L; Stumper, O; De Giovanni, J; Thorne, S; Clift, P
1. Queen Elizabeth Hospital Birmingham; 2. Birmingham Children's Hospital

048
PALPITATIONS AND PSYCHOLOGICAL MORBIDITY
Cooke, J; Shiner, A; Sandler, D; O'Toole, L
1. Chesterfield Royal Hospital Foundation Trust; 2. Derbyshire County PCT; 3. Royal Hallamshire Hospital

049
CLINICAL ACUMEN AND THE TREADMILL IN THE RAPID ACCESS CHEST PAIN CLINIC - CAN WE DO BETTER? SIGNIFICANT MAJOR OR 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, S; Johnson, T; West, N
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, J; Briffa, N
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 CARDIOVERSION UNDER CONSCIOUS SEDATION: SIX YEAR EXPERIENCE OF MORE THAN 2000 PROCEDURES.
Jell, M; Tuan, J; Kundu, S; Osman, F; Mantravadi, R; Pathmanathan, R; Toff, W; Ng, G
1. Glenfield; 2. Good Hope Hospital; 3. Hereford County Hospital

055
ACCURACY OF AMBULANCE STAFF DIAGNOSIS OF ACUTE CARDIOGENIC PULMONARY OEDEMA: A PROSPECTIVE DIAGNOSTIC STUDY OF 1,334 PATIENTS
Jenkinson, E; Woollard, M; Robertson-Steel, I; Newcombe, R
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, M; Gardner, C; Schonfield, S; Davies, D; Peters, N; Kanagaratnam, P
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
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, I; Gale, C4  

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  

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; Adey, A  
Royal Victoria Hospital
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
Sohalb, S; Papacosta, O; Morris, R; Macfarlane, P; Whincup, P
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 (NSTEMIACS)
Burrell, C; Syed, F; Sarkar, D; Haywood, G; Cox, I; Motwani, J
Derford Hospital

073
IS PRE-PROCEDURAL ROTATIONAL ANGIOGRAPHY SUPERIOR TO CONVENTIONAL, SINGLE PLANE ANGIOGRAPHY FOR PLANNING PCI?
Taylor, J; Heppenstall, J; Bowles, J; Gunn, J
1. University of Sheffield; 2. Northern General Hospital

074
SAFETY OF EARLY AEROMEDICAL REPATRIATION FOLLOWING ACUTE CORONARY SYNDROME
Thomas, M; Hinds, R; Walker, C; Morgan, F; Hildick-Smith, D
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, C; Simunovic, M; Ray, K
1. Hammersmith Hospital; 2. Royal Prince Alfred Hospital; 3. Cambridge University

076
AUDIT OF CARDIAC REHABILITATION ACROSS THE ENGLISH CARDIAC NETWORKS
Varghese, A; Moqsith, A; Binder, L; Tipson, R; Walsh, M; Flint, E
1. Dudley Group of Hospitals; 2. NHS Heart Improvement Programme; 3. British Cardiac Network Director; 4. Cardiology Consultant Black Country Cardiac Network

077
DÉBLOCAGE – 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; Tholoor, 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, L; Vinoj, G; Brooks, G; Li, J
1. Addenbrooks Hospital; 2. University of Surrey; 3. University of Reading

080
LDL CONTROLS IL-8 PRODUCTION IN MONOCYTES VIA TRIBBLES-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
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
Gunaratthe, A; Patel, J; Gammon, B; Potluri, R; Butt, R; Panjai, N; Hughes, E; Lip, G
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, T; Pinder, A; Bailey, D; Fraser, A; James, P
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, D; Morton, A; Raina, T; Lupton, H; Arnold, N; Gunn, J; Gershlick, A

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, D; Mecinovic, J; Schofield, C; Gunn, J; Gershlick, A

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, D; Mecinovic, J; Schofield, C; Gunn, J; Gershlick, A; Chico, T

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, R; Dart, A; Chin-Dusting, J; Huynh, N; Huynh, N

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
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, O; Emmanuel, Y; Clarke, K; Neubauer, S
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 APOLIPROPROTEIN E-KO MICE
Schmidt, T; Crabtree, M; Hale, A; O’Neill, C; Alp, N
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, N; Raman, M; Felkin, L; Lara-Pezzi, E; Risebro, C; Riley, P; Barton, P
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, A; Cardin, S; Wait, R; Patel, N; Shirosita-Takeshita, A; Camm, A; Nattel, S
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 GSK3B
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, W; Zhang, Y; Lygate, C; Carnicer, R; Dawson, D; Casadei, B
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, R; Craig, M; Nicklin, S; Gilday, K; McBride, M; Gregorevic, P; Allen, J; Chamberlain, J; Graham, D; Dominiczak, A; Baker, A
1. University of Glasgow; 2. University of Washington
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, J; Nishino, Y; Clark, J; Marber, M
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107
RAS-ASSOCIATION FACTOR 1 (RASSF1A), A NOVEL REGULATOR OF CARDIAC HYPERTROPHY
Zi, M; Oceandy, D; Prehar, S; Pickard, A; Cartwright, E; Neyses, L
University of Manchester

108
THE ÓCYPSTATÓ 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
Brouilette, 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
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. Welcome Trust Sanger Institute

117
CIRCULATING ENDOTHELIAL PROGENITOR CELLS FROM HEALTHY INDIVIDUALS EXHIBIT DIURNAL VARIATION
Thomas, H; Redgrave, R; Cunnington, M; Keavney, B; Arthur, H
University of Newcastle

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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; Clements, S1; Steedman, T1; McMurray, J1; Ng, L2; Squire, I5; Dargie, H1
1. Western Infirmary; 2. Western Infirmary

122
ARE INDIAN ASIANS GENETICALLY HOMOGENEOUS? IMPLICATIONS FOR GENETIC ASSOCIATION STUDIES
Zhang, W1; Zabaneh, D1; Balding, D1; McCarthy, M2; Elliott, P1; Scott, J1; Kooper, J1; Chambers, J1
1. Imperial College London; 2. Oxford University

123
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 Counsels 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

Monday 2 June
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<th>Time</th>
<th>Exchange Auditorium</th>
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<th>Charter 3-5</th>
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<td>8.45</td>
<td>HRUK Workshop Challenges and</td>
<td>BSCMR Workshop</td>
<td>BANCC Debate: Coronary</td>
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<td>SCST Abnormal findings from cardiac</td>
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<td>complications in interventional</td>
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<td>Echocardiography in Acute</td>
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<td>How to use adjunctive technology</td>
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<td>BCS/ESC/BCIS Guidelines: Development</td>
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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 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 11ß-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

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
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

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

HETEROGENEOUS SERCA2A TRANSFECTION REDUCES SPONTANEOUS AND INDUCIBLE VENTRICULAR ARRHYTHMIAS IN THE RAT MODEL OF HEART FAILURE
Lyon, A; Sepehripour, A; Dubb, S; Macleod, K; Poole-Wilson, P; Peters, N; Harding, S
Imperial College

LOWER MORTALITY WITH DRUD-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

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
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 OFATHEROSCLEROSIS AND CARDIOVASCULAR DISEASE RISK IN HEALTHY UK INDIAN ASIANS AND EUROPEAN WHITES
Chahal, N; Lim, T; Jain, P; Chambers, J; Senior, R; Kooner, J
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, H; Spyt, T; Chin, D; Logtens, E; Laborde, J; Kovac, J
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 Jager, P; Serruys, P
Erasmus MC
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

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

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

CARDIAC MISCONCEPTIONS IN HOSPITAL STAFF

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

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

Roebuck, A
City Hospitals Sunderland NHS Foundation Trust/Sunderland University

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 Euroasprise 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

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

EVALUATION OF A NEW DEVICE FOR THE TRANSMISSION OF ELECTROCARDIOGRAMS BY E-MAIL
Leslie, S1; Potts, S2; Macfarlane, P1; Barclay, J1
1. Raigmore Hospital; 2. Portree Medical Centre
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
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
Dr 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
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
### 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

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### 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**
  Dr Paolo Madeddu
- **Clinical trials using autologous stem cells for cardiac repair**
  Dr Anthony Mathur
- **Presentation of Clinical Science and BSCR prizes**

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### 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**

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### Charter 4 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

**Panel questions**

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

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COMPARISON OF ADENOSINE STRESS CONTRAST ECHOCARDIOGRAPHY WITH CARDIOVASCULAR MAGNETIC RESONANCE IN PATIENTS WITH SUSPECTED CORONARY ARTERY DISEASE
Arnold, J; Karamitsos, T; Francis, J; Pegg, T; Searle, N; Neubauer, S; Becher, H; Selvanayagam, J
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

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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

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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

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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

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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

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SUBCLINICAL ABNORMALITIES OF REGIONAL LEFT VENTRICULAR MYOCARDIAL DEFORMATION IN EARLY STAGE CHRONIC KIDNEY DISEASE – THE PRECURSOR OF URAEMIC CARDIOMYOPATHY?
Edwards, N; Hirth, A; Ferro, C; Townend, J; Steeds, R
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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IMPAIRED DIASTOLIC FUNCTION IN EARLY STAGE CHRONIC KIDNEY DISEASE – THE PRECURSOR TO URAEMIC CARDIOMYOPATHY?
Edwards, N; Ferro, C; Townend, J; Steeds, R
1. University of Birmingham; 2. University Hospital Birmingham

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ISCHAEMIC LEFT VENTRICULAR DYSFUNCTION IS ASSOCIATED WITH INCREASED DYSSYNCHRONY
Khan, S; Heck, P; Hoole, S; Dutka, D
1. Papworth Hospital; 2. Addenbrooke's Hospital

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ASSESSMENT OF REGIONAL LEFT VENTRICULAR SYSTOLIC FUNCTION USING STRAIN AND STRAIN RATE ECHOCARDIOGRAPHY IN ADULT PATIENTS WITH MARFAN SYNDROME
Kiotsekoglou, A; Sutherland, G; Kapetanakis, V; Moggridge, J; Nassiri, D; Camm, A; Child, A
St George’s, University of London, London
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ASSSESSMENT OF CAROTID COMPLIANCE USING A REAL TIME VASCULAR ULTRASOUND IMAGE ANALYSIS SYSTEM IN ADULT PATIENTS WITH MARFAN SYNDROME
Kiotsekoglou, A; Moggridge, J; Newey, V; Kapetanakis, V; Kourliouros, A; Kaski, J; Nassiri, D; Camm, A; Sutherland, G; Child, A
St George’s, University of London, London

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PRIMARY IMPAIRMENT OF RIGHT VENTRICULAR FUNCTION IN ADULT PATIENTS WITH MARFAN SYNDROME
Kiotsekoglou, A; Kiotsekoglou, A; Sutherland, G; Kapetanakis, V; Moggridge, J; Mullen, M; Nassiri, D; Camm, A; Child, A
1. St George’s, University of London, London; 2. Royal Brompton Hospital, London, UK

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LYING AND STANDING CONTRAST ECHOCARDIOGRAPHY FOR THE DIAGNOSIS OF HEPATOPULMONARY SYNDROME IN PATIENTS UNDERGOING LIVER TRANSPLANTATION
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University Hospital (Queen Elizabeth)

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City Hospital

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RELATIVE RIGHT VENTRICULAR VERSUS LEFT VENTRICULAR FUNCTION IN PATIENTS WHO HAVE EITHER HAD OR NOT HAD CABG SURGERY: A CROSS SECTIONAL STUDY
Yadav, H; Fontana, M; Unsworth, B; Diller, G; Kyriacou, A; Wasan, B; Sharp, A; Mayet, J; Francis, D
International Centre for Circulatory Health, St Mary’s Hospital & National Heart and Lung Institute, Imperial College, London, UK

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CMR DETERMINED INFARCT SIZE IN DIABETIC VS. NON-DIABETICS PATIENTS AFTER FIRST ACUTE MYOCARDIAL INFARCTION
Abidin, N; Maredia, N; Bainbridge, G; Ball, S; Plein, S; Greenwood, J
1. Academic Unit of Cardiovascular Medicine, University of Leeds; 2. Leeds General Infirmary

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CHARACTERISATION AND INITIAL VALIDATION OF AREA-AT-RISK DERIVED BY T2-MRI IN ACUTE MYOCARDIAL INFARCTION
Berry, C; Kellman, P; Aletras, A; Mancini, C; Chen, M; Hsu, L; Lederman, R; Arai, A
National Institutes of Health

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PRECONDITIONING DOES NOT INFLUENCE THE OCCURRENCE OF MICROVASCULAR OBSTRUCTION OR HAEMORRHAGE REVEALED BY MRI IN A PRE-CLINICAL MODEL OF ACUTE REPERFUSED MYOCARDIAL INFARCTION
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Emmanuel, Y; Tyler, D; Cochlins, L; Holloway, C; Hudsmith, L; Clarke, K; Neubauer, S; Robson, M
1. OCMR and CMRG, University of Oxford; 2. CMRG, University of Oxford; 3. OCMR, University of Oxford

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VALUE OF COMBINING TISSUE SYNCHRONISATION MAPPING WITH SCAR IMAGING IN PREDICTING MORTALITY AND MORBIDITY AFTER CARDIAC RESYNCHRONISATION THERAPY
Foley, P; Leyva, F; Chaliil, S; Stegemann, B; Khadjooi, K; Frenneaux, M; Smith, R
1. Good Hope Hospital, University of Birmingham; Heart of England NHS Foundation Trust; 2. Bakken Research Centre, Medtronic Inc; 3. University of Birmingham
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CORONARY ARTERY CALCIFICATION AS A PREDICTOR OF INCREASED CORONARY HEART DISEASE RISK IN UK INDIAN ASIANS
Jain, P; Chambers, J; Elliott, P; Williams, E; Kraly, B; Muscat, S; Lahiri, A; Kooner, J
1. Imperial College; 2. University College London; 3. Cardiac Imaging and Research Centre, Wellington Hospital

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COMPARISON OF 2D AND MULTI-SLAB 3D MAGNETIC RESONANCE TECHNIQUES FOR MEASURING CAROTID WALL VOLUMES
Keenan, N; Grasso, A; Locca, D; Roughton, M; Gatehouse, P; Firmin, D; Pennell, D
CMR Unit, Royal Brompton Hospital

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1. CMR Unit, Royal Brompton Hospital; 2. Hammersmith Hospital; 3. Royal Brompton Hospital; 4. Imperial College

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RIGHT VENTRICULAR DILATION MEASURED BY CARDIAC-MRI: AN INDEPENDENT PREDICTOR OF MORTALITY IN PATIENTS WITH MODERATE CHRONIC HEART FAILURE
Bourantas, C; Loh, H; Bragadeesh, T; Lukaschuck, E; Garg, S; Tweddel, A; Nikitin, N; Clark, A; Cleland, J
Department of Cardiology, Academic Unit, The University of Hull, Castle Hill Hospital

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MEASUREMENT OF LEFT VENTRICULAR DIMENSIONS WITH CONTRAST ENHANCED THREE DIMENSIONAL CINE MAGNETIC RESONANCE IMAGING FACILITATED BY K-T SENSE
Maredia, N; Kozerke, S; Abidin, N; Larghat, A; Greenwood, J; Boesiger, P; Plein, S
1. University of Leeds; 2. Institute for Biomedical Engineering, University and ETH Zurich

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Martin, T; Murphy, A; Wagner, G; Gronning, B; Flapan, A; Dargie, H
1. Western Infirmary; 2. Duke University Medical Centre; 3. Royal Infirmary

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THE INDEX OF MICROCIRCULATORY RESISTANCE (IMR) BUT NOT CORONARY COLLATERAL SUPPLY, IS ASSOCIATED WITH MICROVASCULAR OBSTRUCTION (MVO) REVEALED BY CONTRAST ENHANCED MAGNETIC RESONANCE IMAGING (CEMRI)
McGeoch, R; Watkins, S; Berry, C; Davie, A; Byrne, J; Hillis, W; Lindsay, M; Robb, S; Dargie, H; Oldroyd, K
1. Western Infirmary; 2. Southern General Hospital

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A LOW CORONARY CALCIUM SCORE DOES NOT EXCLUDE SIGNIFICANT CORONARY STENOSES IN PATIENTS WITH INTERMEDIATE TO HIGH LIKELIHOOD OF CORONARY ARTERY DISEASE: A 64-MDCT AND INVASIVE CORONARY ANGIOGRAPHY CORRELATION
Nicol, E; Schultz, C; Roughton, M; Padley, S; Rubens, M; Di Mario, C; Davies, S
Royal Brompton Hospital

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Royal Brompton Hospital

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Schwitter, J; Kozerke, S; Maredia, N; Suerder, D; Greenwood, J; Boesiger, P; Plein, S
1. University Hospital Zurich; 2. Institute for Biomedical Engineering, University and ETH Zurich; 3. University of Leeds
LOW DOSE DOBUTAMINE ADDS INCREMENTAL VALUE TO DELAYED ENHANCEMENT CARDIAC MAGNETIC RESONANCE FOR THE PREDICTION OF ADVERSE REMODELLING FOLLOWING ACUTE MYOCARDIAL INFARCTION
Scott, A; Semple, S; Redpath, T; Small, G; Hillis, G
Aberdeen University

COMBINED LOW DOSE DOBUTAMINE AND DELAYED ENHANCEMENT CMR IS MORE PREDICTIVE OF INFARCT ZONE AND LEFT VENTRICULAR FUNCTIONAL RECOVERY THAN EITHER ELEMENT ALONE
Scott, A; Semple, S; Small, G; Redpath, T; Hillis, G
Aberdeen University

CHRONICALLY ISCHAEMIC HIBERNATING MYOCARDIUM REDUCES PREDICTION OF RECOVERY BY DELAYED ENHANCEMENT CARDIAC MRI IN HEART FAILURE SECONDARY TO CORONARY DISEASE WITH NO SYMPTOMS OF ANGINA
Sparrow, P; Loh, P; Nikitin, N; Cleland, J; Ball, S; Plein, S1
1. BHF Cardiac MRI Unit, Leeds General Infirmary; 2. Academic Cardiology Unit, University of Hull

CORONARY ARTERIAL BLOOD SUPPLY OF THE INFERIOR WALL OF THE RIGHT VENTRICLE IN HEARTS WITH EBSTEIN MALFORMATION: RELEVANCE TO ÒVERTICALÓ Plication OF THE ATRIALISED RIGHT VENTRICLE
Adachi, I; Ho, S; McCarthy, K; Uemura, H2
1. National Heart & Lung Institute, Imperial College London; 2. Royal Brompton Hospital

ROLE OF PLATELET RECEPTOR POLYMORPHISMS AND CULTURE MEDIA ON STAPHYLOCOCCUS AUREUS-INDUCED PLATELET AGGREGATION: IMPLICATIONS FOR THE PATHOGENESIS OF INFECTIVE ENDOCARDITIS
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University of Edinburgh

CHANGES IN LEFT VENTRICULAR WALL THICKNESS ARE SEEN EARLY FOLLOWING PERCUTANEOUS AORTIC VALVE REPLACEMENT (PAVR) IN SEVERE AORTIC STENOSIS
Jilaihawi, H; Chin, D; Laborde, J; Logtens, E; Spyt, T; Kovac, J
1. Glenfield Hospital; 2. Clinique Pasteur

B-TYPE NATRIURETIC PEPTIDE PREDICTS DISEASE SEVERITY IN CHILDREN WITH HYPTERTROPHIC CARDIOMYOPATHY
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1. Institute of Child Health; 2. The Heart Hospital; 3. Great Ormond Street Hospital

OUTCOME OF SEVERE SYMPTOMATIC AORTIC STENOSIS IN PATIENTS AGED 80 AND OVER: BENEFITS OF AORTIC VALVE REPLACEMENT
Kojodjojo, P; Gohil, N; Barker, D; Youssef, P; Choong, A; Ko-Wing, M; Bayliss, J; Hackett, D; Khan, M
1. Hemel Hempstead General Hospital; 2. Imperial College London

THE PROGNOSTIC ABILITY OF AORTIC REGURGITATION QUANTIFICATION WITH CARDIOVASCULAR MAGNETIC RESONANCE
Myerson, S; Karamitsos, T; Francis, J; Banning, A; Neubauer, S
1. University of Oxford; 2. John Radcliffe Hospital

PHYSIOLOGICAL CHANGES WITH DOBUTAMINE STRESS IN TETRALOGY OF FALLOT: A PROSPECTIVE MRI PILOT STUDY
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1. King’s College; 2. St Thomas’ Hospital
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Rafiq, I; Rekhraj, S; Parthasarathy, H; Freeman, L; Stanley, K
Norfolk and Norwich University Hospital

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1. Royal Victoria Hospital, Queen’s University; 2. Royal Victoria Hospital; 3. Queen’s University; 4. Northern Ireland Bioengineering Centre, University of Ulster; 5. Royal Victoria Hospital, Queen’s University, Northern Ireland Bioengineering Centre, University of Ulster

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

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Freeman Hospital

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Cunnington, M; Plummer, C; McComb, J
Freeman Hospital

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1. Manchester Heart Centre; 2. Regional Clinical Genetics Unit; 3. Wythenshawe Hospital

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1. Ninewells Hospital; 2. Aberdeen Royal Infirmary; 3. Edinburgh Royal Infirmary; 4. Perth Royal Infirmary

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1. St Thomas’ Hospital; 2. Eastbourne District General Hospital

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1. St Thomas’ Hospital; 2. Eastbourne General Hospital

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1. Glenfield Hospital; 2. Clinique Pasteur
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Eastbourne General Hospital

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Eastbourne General Hospital

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Velavan, P; Bhat, P; Kaye, G; Nasir, M; Clark, A; Cleland, J
1. Cardio Thoracic Centre; 2. University of Hull

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<td>The Icons Risk Score: Predictors of One-Year Mortality in Patients with Acute Coronary Syndrome Without Persistent ST-Segment Elevation, Results from the Improving Cardiovascular Outcomes in Nova Scotia (Icons)</td>
<td>Egred, M1; Townley, R2; Mitnitski, A1; Chan, B1; Song, X1; Wang, Y1; Brownell, B1; Cox, J1; Love, M1</td>
<td>1. Queen Elizabeth II Health Sciences Centre, Halifax Infirmary; 2. Kelowna Hospital, British Colombia</td>
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<td>Hall, A1; Space Rocket Investigators, T2</td>
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<td>Khan, S1; Ng, K1; Narayan, H2; Quinn, P2; Squire, I2; Davies, J; Ng, L2</td>
<td>1. Wythenshawe Hospital; 2. University of Leicester</td>
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<td>Muir, A1; McMullin, M2; Patterson, C2; McKeeown, P2</td>
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<td>Replacement of the Precordial Leads of the 12-Lead Electrocardiogram May Improve Detection of ST Segment Elevation Myocardial Infarction</td>
<td>Scott, P; McKavanagh, P; McKaig, N; Murphy, J; Bennet, J; Manoharan, G; Adgey, A</td>
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EUROACTION: CHANGES IN SMOKING, DIET AND PHYSICAL ACTIVITY OVER ONE-YEAR IN A FAMILY BASED PREVENTIVE CARDIOLOGY PROGRAMME IN HOSPITAL AND GENERAL PRACTICE

Jones, J; Jennings, C; Holden, A; Connolly, S; Kotseva, K; Collier, T; De Backer, G; Wood, D

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

Cox, H; Albarran, J; Hoskins, R; Moyle, S; Quinn, T; Gray, A; Lockyer, L

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

264

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, L; Pratt, R; Yellowlees, D; Reid, J; Leslie, S; Dervin, M


Programme at a glance

Tuesday 3 June

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 J arvis

New Approaches in the Management of Risk Factors
Dr Marc Evans
## Programme at a glance

### Wednesday 4 June

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<td>HRUK/BSR Translational research in cardiac electrophysiology</td>
<td>BSH Non compaction and HF</td>
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<td>BCCA/BSE Workshop Imaging modalities in congenital heart disease: is there a best or are they complimentary?</td>
<td>Update on National Cardiovascular Audits</td>
<td>BSH/BSE CRT</td>
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### Charter 1

- Primary PCI Oral Communications (266-272)

### Charter 2

- Moderated Posters in Exhibition Hall (22-34)
- BCCA Late effects of CHD
- Exhibition Break
- BHF Fellows
- Exhibition Break

**Legend:**
- Heart Failure
- Electrophysiology/pacing
- Intervention
- Imaging
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

266
AGGRESSIVE PHARMACOINVASIVE THERAPY FOR STEMI MAY DELIVER COMPARABLE OUTCOMES TO PRIMARY PCI IN A UK SETTING
Adlam, D; Ehtisham, J; McKenna, C; Spyrou, N; Swinburn, J; Orr, W
Royal Berkshire Hospital

267
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

268
INCIDENCE OF TAKO-TSUBO CARDIOMYOPATHY IN PATIENTS UNDERGOING PRIMARY ANGIOPLASTY FOR ST ELEVATION MYOCARDIAL INFARCTION
Shelton, R; Blackman, D; Greenwood, J; Blaxill, J; Wheatcroft, S; Mackintosh, A; Priestley, C; McLenachan, J
Yorkshire Heart Centre

269
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, R; Billing, S; Norell, M; Cusack, M; Khogali, S; Banks, M; Cotton, J
1. Wolverhampton Heart and Lung Centre; 2. Russell Hall Hospital NHS Trust

270
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

271
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
James Cook University Hospital
Exchange Auditorium 08.45-09.45

Young Research Workers’ Prize – Clinical Science
Chairs: 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

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; Götz, A3; Hajat, C4; Linsel-Nitschke, P2; Mangino, M1; Hengstenberg, C5; Stevens, S1; Stark, K5; Ziegler, A3; Pollard, H1; Caullfield, M6; Hall, A7; Burton, P4; Schunkert, H2; Tobin, M4; Samani, N1
1. Department of Cardiovascular Sciences, University of Leicester; 2. Medizinische Klinik II, UniversitS­­t zu Lübeck; 3. Institut für Medizinische Biometrie und Statistik, UniversitS­­t zu Lübeck; 4. Department of Health Sciences and Genetics, University of Leicester; 5. Klinik und Poliklinik für Innere Medizin II, UniversitS­­t Regensburg; 6. Clinical Pharmacology and The Genome Centre, Barts and The London; 7. Leeds Institute for Genetics and Therapeutics, University of Leeds

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

BASAL VASCULAR TONE IN HUMANS IN VIVO IS REGULATED BY NEURONAL NITRIC OXIDE SYNTHASE (nNOS)
Seddon, M1; Chowienczyk, 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 PHOSPHOLAMBN PHOSPHORYLATION
Mohamed, T; Oceandy, D; Alatwi, 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; Alatwi, N; Neyses, L
University of Manchester

024
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Ray, R; Zhang, M; Quattara, A; Cave, A; Brewer, A; Shah, A
King’s College London

025
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Samani, N1; Götz, A3; Braund, P1; McGinnis, R3; Tregouet, D4; Mangino, M1; Linsel-Nitschke, P2; Cambien, F4; Hengstenberg, C5; Stark, K5; Blankenberg, S4; 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; Höthorn, L10; Wichmann, H11; Kühn, J2; Fischer, M5; Meisinger, C12; Ouwehand, W13; Deloukas, P3; Thompson, J1; Erdmann, J2; Ziegler, A2; Schunkert, H2
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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

028  
RELATIONSHIPS BETWEEN PROGNOSTIC, SYMPTOMATIC AND ECHOCARDIOGRAPHIC OUTCOMES AFTER CARDIAC RESYNCHRONISATION THERAPY  
Foley, P; Challi, S; Khadjiroi, K; Stegemann, B; Frennaux, M; Smith, R; Leyva, F  
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, H; Alhashmi, K; Struthers, A; Connell, J; McInnes, G; Ford, I; MacDonald, T  
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  
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033  
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Trent, R; Raju, H; Jones, J; Christopherson, F  
Wrexham Maelor Hospital

034  
ECHO IDENTIFICATION AND QUANTIFICATION OF INFLAMMATORY MOLECULES IN THE HEART  
Yeh, J; Sennoga, C; McConnell, E; Eckersley, R; Tang, M; Dawson, D; Boyle, J; Seddon, J; Stepey, A; Haskard, D; Nihoyannopoulos, P  
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
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

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 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

Exchange Hall 12.15-13.30
British Cardiovascular Society (BCS)
Annual General Meeting
BCS members only
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

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)

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
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New insights into cardiovascular disease from Magnetic Resonance studies
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Hamid M  Experience of device lead extractions in a United Kingdom tertiary centre. 173
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Kelly D  A porcine endovascular model of a chronic total coronary artery occlusion. 085
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