British Cardiovascular Society

Annual Conference and Exhibition Programme

13 – 15 June 2011,
Manchester Central,
Manchester

Promoting excellence in cardiovascular care
Introduction

Welcome to Manchester and the BCS Annual Conference 2011. You will notice major changes to the structure of the programme this year with more clearly defined “tracks” including an Innovations track which includes clinical/translational science and is supported by the British Heart Foundation, Imaging and Education tracks in addition to our Affiliated Groups track and the National Training Day. I hope this new format will provide a programme structure even more suited to delegates’ future needs.

The clinical/translational science sessions have the moderated posters embedded within them, themed to the linked plenary sessions. Poster discussants will ensure lively discussion with the authors and look out for the posters awarded the highest score in each category which, thanks to the generous support of the British Heart Foundation, will be awarded a prize with travel grants for the top 10% of abstract presenters in each category. Although all the sessions within the Annual Conference are designed to provide high quality education, the education track is specifically targeted at facilitating revalidation and will have a 5-year rolling programme covering all areas of the cardiology curriculum. Formative assessment and certificates will be available for members attending these sessions. I am delighted that the British Atherosclerosis Society and British Society for Cardiovascular Research now have a regular linked meeting embedded in our programme, and both the Primary Care Cardiovascular Society and Society for Cardiological Science and Technology also have linked meetings this year.

Welcome to all our guests and to our international colleagues from the European Society of Cardiology and the American College of Cardiology including our “twins” from the Californian ACC Chapter. Congratulations to the British Heart Foundation, 50 this year and you are invited to celebrate this at a drinks reception on Monday evening in the Charter Gallery.
Please visit the Exhibition which is integral to the success of the Annual Conference and where you will find an array of interesting exhibits and educational activities including the ever popular BCS Simulator Area. Do not miss the “Annual Dinner and Orr that Jazz”. Not only are the magicians back but also, by popular demand, the ever smooth and silky Will Orr and his Jazz band return.

Finally, a huge “thank you” to all our Exhibitors and sponsors, and a special mention for the Programme Committee and BCS staff who make it all happen. Why not follow us on Twitter #bcs2011 or via the BCS blog and don’t forget to check out the Website www.bcs.com for summaries and webcasts of the key sessions after the meeting. Have fun and enjoy the BCS Annual Conference 2011.

Iain A Simpson
Vice President, Education & Research
Chair, Programme Committee

Catch up with the latest information, developments and discussion at the BCS Annual Conference & Exhibition on the ‘BCS Blog’ www.thebcsblog.com. Use #bcs2011 on Twitter or follow one of the programme committee members:
www.twitter.com/IainASimpson
www.twitter.com/doctorsarah
www.twitter.com/StevenYeats
www.twitter.com/jhfrudr
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General Information

Conference
The conference will be held in Manchester Central, Manchester. The programme will open on Monday 13 June at 9.00 hrs and close on Wednesday 15 June at 16.30 hrs.

Exhibition
The exhibition will be held in Central Hall 2 and will be open from 10.00 on Monday 13 June. See the guide from page 90 for full details of the Exhibition and this years’ Exhibitors.

Registration
Registration will take place in the entrance to Manchester Central. Registration desks will be open at the following times:

- Sunday 12 June – 16.00 to 18.00
- Monday 13 June – 08.00 to 17.30
- Tuesday 14 June – 08.00 to 17.30
- Wednesday 15 June – 08.00 to 15.00

See pages 84-85 of this programme for a floor plan of the exhibition hall.

Delegate badges
Badges must be worn at all times to gain admission to sessions, exhibition hall, annual dinner and other events. The different colour badges are as follows:

- White – BCS Member
- Red – Non member
- Green – Presenter/Chairman
- Yellow – Sponsored
- Symposium only
- Grey – Exhibition only
- Clear – Exhibitors

Speaker Preview Room
The Speaker Preview Room will be located in Central 8. There will be audience response systems available for use in the sessions held in the Exchange Hall.

CPD
The conference is registered with the Royal College of Physicians for CPD. These CPD points are accrued at 1 per hour of attended lectures. British Society of Echocardiography award 3 BSE Re-accreditation points (CME) for attendance of the whole Conference.
Catering

Catering facilities are located within the Exhibition hall. Lunch bags will be provided free of charge for all delegates. These will be available from the lounge areas in the Exhibition, during the exhibition lunch breaks. Free tea and coffee will also be available from the lounge areas.

Contact

The contact telephone number at the Organiser’s Office during for conference is 0161 827 7650 ext. 2250. The Organiser’s Office is located in the Exhibition Hall, see map on pages 84-85.

Internet Stations

Free internet access is available at BCS.Com stand, number 62. Free wifi access will be available throughout the venue using the password ‘thebcsblog.com’. Free internet access is also available from IT stations in the Exhibition area kindly sponsored by Roche Products Limited.

Programme Tracks

This year’s programme has been divided into simple to follow tracks, each track is held in set rooms:

- Education – Auditorium
- Imaging – Exchange hall
- Training Day (Monday only) – Exchange Hall and Charter 6
- Affiliated Groups – Charter 6
- Innovations – Clinical/Translational Science-Fitzroy Theatre, BAS/BSCR linked meeting-Charter 8

BCIA

The BCIA (British Cardiovascular Industry Association) will be having a dedicated BCIA Exhibition Area at the BCS Annual Conference 2011. This area will act as an ‘umbrella’ for its 50 BCIA members and take up approx. a third of the BCS exhibition area. The area will encompass the Simulators Area, a Lounge area and pavilion-style areas for BCIA members to have promotional materials.
General Information

Simulator Training

Simulator training sessions in percutaneous coronary intervention, transcatheater aortic valve implantation, electrophysiology, and transoesophageal echocardiography will be available in the exhibition area throughout the Annual Conference.

Simulator training has been extremely popular in the past and anyone wishing to use a simulator is strongly advised to book sessions in advance using the online booking form which can be accessed via the BCS website www.bcs.com.

All pre-arranged sessions will last 40 minutes and will consist of a one-on-one tutorial with an experienced trainer.

On successful completion of a booked session the British Cardiovascular Society will award a Training Certificate.

PCI

Simulator training in PCI will cover a range of interventional techniques including basic angiography and vascular access (aimed at Junior SpRs), general PCI (aimed at intermediate SpRs), and more complex PCI including IVUS and bifurcation (aimed at senior SpRs and Fellows). A simulator dedicated to managing PCI complications will also be available this year.

TAVI

For the second year, we will be offering training using the CoreValve simulator. These sessions are aimed at senior SpRs and consultants and all sessions need to be booked ahead of time.

EP

Simulator training in electrophysiology will cover a range of techniques including standard pacemaker RV and atrial lead placement, LV lead placement, and ICD and pacemaker interrogation and programming.

ECHO

Two transoesophageal echocardiography simulators will be available, and will provide training on handling of the TOE probe, assessment of the mitral valve, aortic valve, atria and left ventricle.
Drop-in sessions

In addition to the booked sessions a limited number of supervised “drop-in” sessions for group training will be available at the end of each day. These do not need to be booked and will take place on:

- Monday: 15.00 to 17.30 (Special invitation to radiographers, nurses and technicians to participate)
- Tuesday: 09.00 to 10.00 & 16.10 to 17.30
- Wednesday: 09.00 to 10.00 & 13.40 to 15.00

The British Cardiovascular Society is grateful to Barts and the London Cardiovascular Training Institute, Boston Scientific, Cordis, Medtronic and Terumo for making this educational opportunity possible.

Travel Training Grants

We are indebted to the Merck, Sharp and Dohme for their support in allowing us to establish this fund.

The fund is available for Trainees, Nurses and Cardiac Physiologists who have difficulty in obtaining funds to allow them to attend the BCS Annual Conference. The fund has closed for 2011, but BCS hope to make these funds available again for 2012.

British Heart Foundation

Thanks to the generous support of the British Heart Foundation, BCS has been able to give a number of Travel Awards to Abstract Presenters to cover their costs in attending the BCS Annual Conference. The British Heart Foundation is celebrating its 50th Year in 2011 and on Monday evening in the Charter Gallery there will be a drinks reception to mark this.
BCS Board

Programme Committee

The Programme Committee of the BCS are responsible for developing all aspects of the BCS Annual Conference, from deciding on the venue through to selecting content for each session in the extensive programme. BCS would like to thank the Programme Committee for their dedication and continuing hard-work in ensuring that we run an exemplary Cardiovascular Conference and Exhibition.

Programme Committee members:

D Hausenloy (2010) F Durrant (BCS)
C Knight (2007) M-L Pitts (BCS)
J McEwan (2008) S Yeats (BCS)
This year the posters are embedded into the themed clinical/translational science sessions with the final 30mins of each session dedicated to viewing and discussing the posters led by multiple pairs of discussants to encourage lively debate. Join in and look out for the prize winning poster in each category.

The Programme Committee would like to thank the following people for their contribution to this years’ Conference in their role of Discussants for various sessions:

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Dr Peter Golledge 170 – 173 52
Prof Kim Greaves 170 – 173 52
Abstract Markers

The Programme Committee wishes to acknowledge the generous help given in abstract selection by the following:

Dr Philip Adams
Dr Nick Alp
Dr Richard Anderson
Dr Felicity Astin
Dr Colin Berry
Dr Tim Betts
Dr Daniel Blackman
Dr Lucy Blows
Dr Roger Bury
Dr Alison Calver
Dr Frank Casey
Prof Keith Channon
Dr Robin Choudhury
Prof Andrew Clark
Dr Derek Connolly
Dr Susan Connolly
Dr Simon Corbett
Prof Martin Cowie
Dr Mark Dancy
Dr Sagar Doshi
Dr David Dutka
Dr Martyn Farrer
Dr Douglas Fraser
Dr Michael Gammage
Prof Cliff Garrett
Prof Anthony Gershlcik
Dr Simon Gibbs
Dr Peter Golledge
Prof Kim Greaves
Dr Fiona Green
Dr Robert Hatrick
Mr Marcus Haw
Dr David Hesketh-Roberts
Dr Adrian Ionescu
Dr Tim Irvine
Dr Rachel James
Ms Cartriona Jennings
Dr Paul Kalra
Dr Akhil Kapur
Dr Edmund Ladusands
Ms Andrea Manley
Dr Gerry McCann
Prof Gordon McInnes
Dr Hugh McIntrye
Mr Scott McLean
Dr Andrew Mitchell
Dr James Moon
Dr Chris Newman
Dr Sandosh Padmanabhan
Dr Liam Penny
Ms Alison Pottle
Dr Bernard Prendergast
Mr Prakash Punjabi
Dr Charles Redwood
Dr Giles Roditi
Dr Carl Roobottom
Dr Helen Routledge
Dr Sanjay Sharma
Dr JD Skehan
Dr David Smith
Dr Rick Steeds
Dr Oliver Stumper
Ms Jenny Tagney
Dr Lip Bun Tan
Dr Patricia Thomson
Dr Derick Todd
Dr Gruschen Veldtman
Dr Malcolm Waler
Dr Fiona Walker
Dr Derek Waller
Dr Clive Weston
Dr Steve Wheatcroft
Dr Christopher Wren
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Dr Arthur Yue
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<td>T Lobban</td>
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<td>BACPR British Association for Cardiovascular Prevention &amp; Rehabilitation</td>
<td>J Buckley</td>
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<td>BANCC British Association for Nursing in Cardiovascular Care</td>
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<td>BAS British Atherosclerosis Society</td>
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<td>BCCA British Congenital Cardiac Association</td>
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<td>BCIS British Cardiovascular Intervention Society</td>
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<td>BJCA British Junior Cardiologists’ Association</td>
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<td>BNCS British Nuclear Cardiology Society</td>
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<td>BSCI British Society of Cardiovascular Imaging</td>
<td>R Bury</td>
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<td>BSCR British Society for Cardiovascular Research</td>
<td>C Newman</td>
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<td>BSE British Society of Echocardiography</td>
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Today’s programme has been produced with the assistance of the following organisations:
### Programme at a glance

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<tr>
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<td>14.30-15.00</td>
<td>Charter 1</td>
<td>13 Education: Heart Failure – Transforming Outcomes for Acute Care</td>
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<td>15.00-16.30</td>
<td>Charter 5</td>
<td>18 BCS Paul Wood Lecture: Dr David Sahn</td>
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<td>16.30-17.30</td>
<td>Charter 6</td>
<td>Boehringer Ingelheim: Exploring the future role of cardiology in SPAF management</td>
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<td>17.30-19.00</td>
<td>Charter 8</td>
<td>Roche Products Ltd: Understanding the role of lipoproteins and CETP in CVD</td>
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<td>9.00-10.00</td>
<td>Auditorium</td>
<td>2 Opening Ceremony</td>
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<td>10.00-10.30</td>
<td>Auditorium</td>
<td>3 Education: Angina 2011: Revascularisation on Trial</td>
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<td>10.20-10.30</td>
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<td>4 Digital Interactive Cases in Echocardiography (DICE)</td>
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<td>10.30-12.00</td>
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<td>8 Education: Intensive Care Cardiology: Focus on Cardiogenic Shock</td>
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<td>12.00-13.00</td>
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<td>16 Clinical Translational Science: Where next in cardiovascular risk reduction?</td>
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**Exhibition Break**

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Today's programme has been produced with the assistance of the following organisations:
### Monday 13 June 2011

#### Programme details

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<td>Charter 6</td>
<td><strong>Training Day</strong></td>
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<td>09.00-10.00</td>
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<td><strong>Understanding Cardiac morphology</strong></td>
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<td>Chairs: Dr Sarah Clarke, Dr Robin Martin</td>
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<td>Title: Atrial septal defects, from simple to complex</td>
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<td>Title: Atrial septal defects-imaging correlates</td>
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<td><strong>Angina 2011: Revascularisation on Trial</strong></td>
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<td>Chairs: Dr Christopher Burrell, Dr Mark Signy</td>
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<td>Title: Medical therapy or revascularisation: How much ischaemia should we tolerate before recommending revascularisation?</td>
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<td>Title: Surgery or intervention: How should we decide in left main stem and three vessel disease?</td>
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<td>Title: Revascularisation: How should we use an MDT process and obtain informed consent?</td>
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<td>Speaker: Prof David Taggart</td>
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</table>
**10.30-12.00 Exchange Hall**

### 4 Digital Interactive Cases in Echocardiography (DICE)

**BSE**

- **Chairs:** Dr Guy Lloyd, Dr Helen Rimington
- **Title:** Case 1 – Learning your anatomy the hard way  
  **Speaker:** Dr Bushra Rana
- **Title:** Case 2 – Everyone needs a little exercise  
  **Speaker:** Prof John Chambers
- **Title:** Case 3 – When gradients are not enough  
  **Speaker:** Dr Simon Ray
- **Title:** Case 4 – When the heart is too soft  
  **Speaker:** Dr Kevin Fox
- **Title:** Case 5 – When the heart is too hard  
  **Speaker:** Dr Rick Steeds
- **Title:** Case 6 – Sorting the wheat from the chaff  
  **Speaker:** Dr Navroz Masani

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**10.30-12.00 Charter 6**

### 5 Adult Congenital Heart Disease – Right heart problems and clinical consequences

**Chairs:** Dr John Thomson, Prof Michael Gatzoulis

- **Title:** Tetralogy of fallot, and its variants  
  **Speaker:** Dr Lucy Hudsmith
- **Title:** Tricuspid valve abnormalities  
  **Speaker:** Dr George Ballard
- **Title:** The importance of the right heart size and function  
  **Speaker:** Dr Andrew Taylor
- **Title:** Therapeutic options  
  **Speaker:** Dr Mark Turner
Monday 13 June 2011

Programme details

10.30-12.00  Fitzroy Theatre

6  Optimising the treatment of ACS

Chairs: Dr David Holmes, Prof David Crossman

Title: Novel cardiac biomarkers in acute coronary syndromes
Speaker: Dr Kristian Thygesen

Title: The changing face of anti-platelet therapy in acute coronary syndromes
Speaker: Dr Nicholas Curzen

Title: Developments in anti-thrombotic therapy in acute coronary syndromes
Speaker: Dr Robert Storey

Posters
Acute coronary syndromes (1-19)

10.30-12.00  Charter 8

7  Stem cells: current knowledge and future hopes

BAS/BSCR

Chairs: Dr Sheila Francis, Dr Yvonne Alexander

Title: Stem and progenitor cells in cardiovascular biology – from basic facts to future challenges – room for optimism?
Speaker: Prof Michael Schneider

Title: Endothelial progenitor Cells: keeping up appearances
Speaker: Prof Frank Timmermans

Title: The role of Endothelial colony-forming cells in neoangiogenesis and tissue repair
Speaker: Prof Mervin Yoder

Title: Origins and fates of cardiovascular progenitor cells-lessons from the embryo
Speaker: Dr Robert Passier
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<th>Time</th>
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<td>Auditorium</td>
<td><strong>Intensive Care Cardiology:</strong></td>
<td>Focus on Cardiogenic Shock</td>
<td>Dr David Wald, Dr Susanna</td>
<td>Dr Paul Diprose</td>
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<td><strong>Cardiac Potpourri</strong></td>
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<td>Dr Iain Simpson, Dr Sarah</td>
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<td>Title: SAC update – Assessing and Completing the Cardiology Curriculum</td>
<td>Dr Jim Hall, Dr John Ian</td>
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<td>Title: Cardiac Clinical Genetics: An Educational Resource</td>
<td>Mrs Michelle Bishop</td>
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<td>Title: Around the coroner... tips and etiquette</td>
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<td>Speaker: Dr Maurice Buchalter</td>
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Monday 13 June 2011

Programme details

13.00-14.30 Charter 6

10 Remote monitoring – Paradigm shift or just another fad

BSH/HRUK/BANCC

Chairs: Dr Suzanna Hardman, Dr Wyn Davies
Title: The technologies for remote monitoring of devices and rhythm management
Speaker: Prof John Morgan
Title: The technologies for remote monitoring of heart failure
Speaker: Prof Martin Cowie
Title: Evidence from systematic reviews of trials
Speaker: Prof John Cleland
Title: Where is this going in the next 5 years?
Speaker: Ms Jillian Riley

13.00-14.30 Fitzroy Theatre

11 Bioabsorbable Stents – The next evolution in Percutaneous Coronary Intervention?

Clinical Translational Science, supported by the British Heart Foundation

Chairs: Dr Bernard Prendergast, Dr Jim Nolan
Title: Bioabsorbable stent technology – Why change from current drug eluting stents
Speaker: Dr Jonathan Hill
Title: Bioabsorbable stent- The options
Speaker: Prof Carlo di Mario
Title: Bioabsorbable stents – The clinical data so far
Speaker: Prof Anthony Gershlick

Posters
Interventional Cardiology (20-46)

13.00-14.30 Charter 8

12 From cell physiology to reparative medicine

BAS/BSCR

Chairs: Dr Colin Berry, Prof Sarah George
Title: Stem Cell Platforms for Heart Repair  
Speaker: Dr Andre Terzic

Title: Encapsulated genetically modified mesenchymal stem cells for cardiac repair following myocardial infarction  
Speaker: Dr Cathy Holt

Title: Pericyte progenitor cells: new molecular insights into their role in cardiovascular repair  
Speaker: Prof Paolo Madeddu

Title: Stem Cells, Neointimal Formation and Tissue-engineered Vessels  
Speaker: Prof Qingbo Xu

15.00-16.30 Auditorium  

13 Heart Failure – Transforming Outcomes for Acute Care

Chairs: Dr Peter Cowburn, Prof Martin Cowie

Title: Managing Stress Induced Cardiomyopathy  
Speaker: Dr Alexander Lyon

Title: National HF Audit Outcomes for acute care – ‘Could do better’  
Speaker: Prof Theresa McDonagh

Title: Transforming acute care – Lessons from AMI  
Speaker: Prof Henry Dargie

Title: Acute transforming to Chronic – NICE 2010 Update  
Speaker: Dr Suzanna Hardman

15.00-16.30 Exchange Hall  

14 BCIS Cases

Panel: Dr Nicholas Brooks, Dr Peter Ludman, Prof David Taggart

Chairs: Dr Bernard Prendergast, Dr Simon Redwood

Title: A young patient presenting with a stroke  
Speaker: Dr David Hildick-Smith
Programme details

**Title**: Diabetic Presenting with NSTEMI and impaired LV function  
**Speaker**: Dr Miles Behan

**Title**: Prosthetic Valve Regurgitation  
**Speaker**: Dr Ian Cox

**Title**: STEMI Presenting to a Hospital Without a PPCI service  
**Speaker**: Dr Paul Das

**15.00-16.30 Charter 6**

**15**  
**Complete Heart Block**

**HRUK**

**Chairs**: Dr Amir Zaidi, Dr Stephen Furniss

**Title**: Congenital, acquired and iatrogenic aetiologies of complete heart block  
**Speaker**: Dr Adrian Morley-Davies

**Title**: Acute treatment options for complete heart block  
**Speaker**: Dr Kim Rajappan

**Title**: Permanent pacing options in complete heart block – Generator and programming choices  
**Speaker**: Prof Michael Gammage

**Title**: Debate “This house believes that permanent pacing should be a 24/7 service”  
**Speaker for**: Dr Edward Rowland  
**Speaker against**: Dr Raj Khiani

**15.00-16.30 Fitzroy Theatre**

**16**  
**Where next in cardiovascular risk reduction?**

**Clinical Translational Science, supported by the British Heart Foundation**

**Chairs**: Prof David Wood, Prof John Betteridge

**Title**: JBS3 Guidelines for lifetime assessment of cardiovascular risk  
**Speaker**: Prof John Deanfield
Title: Novel treatment targets in dyslipidaemic patients
Speaker: Dr Anthony Wierzbicki

Title: Evidence for Cardiovascular Risk Reduction in diabetic patients
Speaker: Prof Kausik Ray

Posters
Stable IHD/Prevention/Hypertension/Lipids (47-66)

15.00-16.30 Charter 8

17 BSCR/BAS Poster session
Judges: Dr Cathy Holt, Dr Tim Chico, Dr Manuel Mayr, Dr Sean Davidson, Dr Sam Boateng, Dr Sean Davidson

16.30-17.30 Auditorium

18 Paul Wood Lecture

BCS
Introduced By: Dr Iain Simpson
Thanked By: Dr Simon Ray

Title: Improved Understanding of Cardiac Form and Function – How Development of the Heart, continues to influence Heart Function
Speaker: Dr David Sahn

17.30-19.00 Charter 8

19 BAS Hugh Sinclair Lecture

BAS/BCSR
Chair: Prof Martin Bennett

Title: Coronary Atherosclerosis: Progression and Development of Thrombosis
Speaker: Prof Renu Virmani
09.00-10.00 Auditorium

The emerging role of Multaq (dronedarone) in AF Management

sanofi-aventis

Chairs: Prof John Camm

Title: AF – The lives beyond stroke; The morbidity, mortality and cost of the untreated dysrhythmia
Speaker: Dr Matt Fay

Title: Significance of hospitalisations for AF – Overview, Evidence and Reduction
Speaker: Prof Nicholas Peters

Title: What does the future of AF management look like?
Speaker: Prof John Camm

09.00-10.00 Exchange Hall

Novel Anticoagulants in Cardiology – Beyond AF

Bayer Schering Pharma

Chair: Prof Gregory Lip

Title: Pharmacology and potential applications of novel oral anticoagulants
Speaker: Dr John Luckit

Title: ACS – Do we have all the treatments we need?
Speaker: Dr Iain Findlay

Title: Novel anticoagulants in ACS – A future role?
Speaker: Dr Justin Cooke

Title: Novel Anticoagulants in Cardiology – Where are we now and where should we be going?
Speaker: Prof Gregory Lip
17.30-19.00 Auditorium

**Exploring the future role of cardiology in SPAF management**

**Boehringer Ingelheim**

Chair: Ms Sue Lawley

Title: Dragons
Speakers: Prof John Camm, Prof Adrian Brady

Title: Entrepreneurs
Speakers: Dr Ameet Bakhai, Prof David Fitzmaurice, Dr Patrick Kesteven

17.30-19.00 Exchange Hall

**Understanding the role of lipoproteins and CETP in CVD**

**Roche Products Ltd**

Chair: Prof Kausik Ray

Title: HDL: How do lipoproteins impact CVD?
Speaker: Prof Julian Halcox

Title: CETP: Friend or Foe?
Speaker: Prof Christopher Packard

Title: Shaping the functionality of HDL by CETP
Speaker: Dr Eric Niesor

Title: Questions and answers
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<td>Quality Assurance and Peer Review – Who are the Police?</td>
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<td>From genome to practice</td>
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</table>

Today’s programme has been produced with the assistance of the following organisations:

![BACPR Logo](image1)
![British Atherosclerosis Society Logo](image2)
![BCIS Logo](image3)
# Programme at a glance

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<thead>
<tr>
<th>Time</th>
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<th>Session</th>
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<tbody>
<tr>
<td>14.30-15.00</td>
<td>Auditorium</td>
<td>32 <strong>BCS/ESC</strong> Esc Guidelines Angina and Revascularisation</td>
</tr>
<tr>
<td>15.00-16.30</td>
<td>Exchange Hall</td>
<td>33 <strong>BCS/BAS/BSCR</strong> Reparative and Regenerative medicine: finding a consensus for 21st century healthcare?</td>
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<tr>
<td>16.30-17.30</td>
<td>Exchange Hall</td>
<td>34 <strong>BANCC/HCP (UK)/BCIS</strong> Acute Cardiac Care Posters 75 - 80</td>
</tr>
<tr>
<td>17.30-19.00</td>
<td>Exchange Hall</td>
<td>35 <strong>Imaging Council/BCIS</strong> Myocardial Imaging in Coronary Artery Disease. Has PPCI been successful? Posters 108 - 130</td>
</tr>
</tbody>
</table>

**Exhibition Break**

**Later**

**Room**

**36 **BCS** Strickland Goodall Lecture Prof Kenneth Chien**

**Bristol-Myers Squibb/Pfizer**

Stroke Prevention in Atrial Fibrillation: Guidelines, Views and Conspiracies

**AstraZeneca**

Evidence-based management of ACS: An interactive journey through the patient pathway

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Today’s programme has been produced with the assistance of the following organisations:
Tuesday 14 June 2011

Programme details

08.30-10.00 Auditorium

20 GUCH – At an A&E near you...

Chairs: Dr Anthony Salmon, Dr John Thomson

Title: Management of the acutely ill patient with congenital heart disease: the scale and nature of the problem
Speaker: Dr Lorna Swan

Title: Management essentials (including tips and tricks)
Speaker: Dr Kate English

Title: Management of the cyanosed patient
Speaker: Dr Graham Stuart

Title: Case management scenarios
Speakers: Dr Lorna Swan, Dr Kate English, Dr Graham Stuart

08.30-10.00 Exchange Hall

21 Using Imaging to predict heart attack

Imaging Council/BSCI

Chairs: Dr Anoop Chauhan, Prof David Newby

Title: Assessing plaque burden non-invasively – the role of calcium scoring in 2011
Speaker: Dr Edward Nicol

Title: Invasive assessment of high-risk plaque
Speaker: Dr Saqib Chowdhary

Title: Non-invasive assessment of high-risk plaque (imaging biomarkers of inflammation – PET/CT)
Speaker: Dr James Rudd

Title: Plaque regression on therapy – can we detect it using imaging?
Speaker: Dr Robin Choudhury
08.30-10.00 Charter 6

22 Life style issues in Heart Failure

BSH/HCP(UK)/BACPR

Chairs: Dr Rachael James, Prof Theresa McDonagh
Title: Aeroplane Flight
Speaker: Dr William Toff
Title: Child bearing
Speaker: Dr Sara Thorne
Title: Sport/exercise
Speaker: Prof Andrew Clark
Title: Elective surgery
Speaker: Dr Sean Bennett

08.30-10.00 Fitzroy Theatre

23 From genome to practice

Clinical Translational Science, supported by the British Heart Foundation

Chairs: Prof Hugh Watkins, Prof Nilesh Samani
Title: Cardiovascular genomics: from discovery to clinical practice
Speaker: Dr Sekar Kathiresan
Title: Genetics of congenital heart disease
Speaker: Prof Bernard Keavney
Title: From genes to arrhythmias to sudden cardiac death
Speaker: Dr Andrew Grace

Posters
Basic Science 1 (67-74)
## Programme details

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<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Topic</th>
<th>Chairs</th>
<th>Judges</th>
<th>Details</th>
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<tr>
<td>08.30-10.00</td>
<td>Charter 8</td>
<td><strong>Joint BSCR/BAS Young Investigator Award</strong></td>
<td>Dr Chris Newman, Prof Dorian Haskard</td>
<td>Prof Martin Bennett, Prof Barbara Casadei, Prof Mark Kearney, Dr Nicola Smart</td>
<td>See BAS/BSCR poster index, numbers BAS001 to BAS006</td>
</tr>
</tbody>
</table>
| 10.30-12.00   | Auditorium        | **Aortic Valve Disease: State of the Art** | Dr Ian Cox, Mr Ben Bridgewater | Dr Simon Ray, Dr Navroz Masani, Mr Chris Munsch, Dr Philip MacCarthy | Title: Epidemiology and natural history  
Speaker: Dr Simon Ray  
Title: Judging when to intervene: the role of imaging  
Speaker: Dr Navroz Masani  
Title: Bioprosthetic valve replacement (choice, indications, longevity and management of failure)  
Speaker: Mr Chris Munsch  
Title: Transcatheter valve implantation (choice, indications, longevity and management of failure)  
Speaker: Dr Philip MacCarthy |
| 10.30-12.00   | Fitzroy Theatre   | **Young Research Worker's Prize** | Prof Hugh Watkins, Prof Kenneth Chien | Prof Anthony Heagerty, Dr Robin Choudhury, Prof Ajay Shah, Prof Hugh Watkins, Dr Simon Redwood | See Posters A to E on page 54                                             |
13.00-14.30  Auditorium

27  Syncope Uncovered
Chairs: Dr Edward Rowland, Dr Timothy Betts
Title: NICE Guidance for Transient loss of consciousness (TLoC) management in adults: What the cardiologist needs to know
Speaker: Dr Paul Cooper
Title: Initial assessment of TLoC/blackouts: Rapid Access Blackouts Triage Clinics
Speaker: Dr Adam Fitzpatrick
Title: Red flags and reassurance: Risk assessment in patients with blackouts
Speaker: Dr Nicholas Gall
Title: Management of ‘neurocardiogenic’ syncope
Speaker: Dr Sanjiv Petkar

13.00-14.30  Exchange Hall

28  NICE Chest Pain Guidance
Chairs: Dr Nicholas Boon, Prof Richard Underwood Imaging Council
Title: How we got there – Limitations of exercise testing
Speaker: Prof Adam Timmis
Title: The anatomical approach is what is important
Speaker: Dr Gareth Morgan-Hughes
Title: Functional information is still useful
Speaker: Dr Andrew Kelion
Title: What it means and can we afford it
Speaker: Prof Huon Gray
Quality Assurance and Peer Review – Who are the Police?

BCS/BCIS

Chairs: Dr David Hackett, Dr Simon Ray
Title: Overview of Quality and Peer Review
Speaker: Prof Keith Fox
Title: The CQC. How it works and what it does
Speaker: Prof Danny Keenan
Title: Quality Standards and Processes. What have we learned?
Speaker: Dr Mark de Belder
Title: Protecting our Patients. The way forward
Speaker: Dr Richard Hamblin

Success in heart failure – Future therapies

Clinical Translational Science, supported by the British Heart Foundation

Chairs: Prof Henry Dargie, Prof John Cleland
Title: Ultrafiltration in Heart Failure
Speaker: Dr Peter Cowburn
Title: Left ventricular assist devices: a bridge to recovery & transplantation
Speaker: Dr Simon Williams
Title: Novel Pharmacotherapies for Heart Failure
Speaker: Prof Martin Cowie

Posters
Heart Failure (81-107)
13.00-14.30 Charter 8

31 Atherosclerosis: A disease of failed repair?

**BAS/BSCR**

Chairs: Prof Martin Bennett, Prof Andre Terzic

Title: Endothelial progenitor cells, endothelial function and atherosclerosis – Is there a link?
Speaker: Prof Nikos Werner

Title: Tracking cell origins in atherosclerosis and allograft vasculopathy
Speaker: Dr Jacob Bentzon

Title: Endothelial-mesenchymal transition: an endogenous injury response
Speaker: Dr Jason Kovacic

Title: Stem cells in Atherosclerosis and Vascular Remodelling
Speaker: Prof Noel Caplice

15.00-16.30 Auditorium

32 ESC Guidelines Angina and Revascularisation

Chairs: Prof Keith Fox, Prof Michel Komajda

Title: Summary of the ESC Revascularisation Guidelines
Speaker: Prof Philippe Kolh

Title: ESC Revascularisation Guidelines – Implications and Implementation
Speaker: Prof Nicolas Danchin

Title: Summary of the NICE Guidelines on Stable Angina
Speaker: Dr Robert Henderson

Title: Nice Guidelines on Stable Angina – Implications and Implementation
Speaker: Prof Adam Timmis
Tuesday 14 June 2011

Programme details

15.00-16.30  Exchange Hall

33  Reparative and Regenerative medicine: finding a consensus for 21st century healthcare?

BCS/BAS/BSCR/UKSCN

Chairs: Prof Andrew Baker, Prof Peter Weissberg

Title: Adult Stem Cells for Reparative/Regenerative Medicine: Beginning of a New Era?
Speaker: Prof Stefanie Dimmeler, Prof Paul Riley

Title: iPS &/or ES Cells have a bright future in Cardiovascular Medicine
Speaker: Prof Wolfram Zimmerman, Dr Sotirios Karathanasis

Title: Concluding remarks
Speaker: Prof Martin Bennett, Dr Chris Newman

15.00-16.30  Charter 6

34  Acute Cardiac Care

BANCC/HCP(UK)/BCIS

Chairs: Dr Simon Ray, Mr Ken Timmis

Title: The pre-hospital 12-lead ECG: To send, or not to send
Speaker: Dr Scott McLean, Ms Eileen Ferguson

Title: The future of the UK CCU – BCS Working Group on Acute Cardiac Care
Speaker: Ms Jan Keenan, Dr Nick West

Title: The future of UK Coronary Care Nursing
Speaker: Dr Ian Jones

Posters
Cardiovascular Nursing (75-80)
15.00-16.30 Fitzroy Theatre

35 Myocardial Imaging in Coronary Artery Disease
Has PPCI been successful?

Imaging Council/BCIS

Chairs: Dr Afzar Zaman, Dr James Rudd

Title: Quantifying oedema, infarct size and stunning
Speaker: Dr Colin Berry

Title: Measuring success with echo
Speaker: Prof Roxy Senior

Title: Culprit artery dealt with. What do we do with the
other stenoses?
Speaker: Dr Philip MacCarthy

Posters
Imaging (108-130)

16.30-17.30 Auditorium

36 Strickland Goodall Lecture

BCS

Introduced By: Prof Derek Yellon
Thanked By: Prof Keith Fox

Title: Re-engineering Regenerative Cardiovascular Medicine:
Towards Heart Stem Cell Therapeutics
Speaker: Prof Kenneth Chien
Tuesday 14 June 2011

Sponsored Symposiums

17.30-19.00 Auditorium

**Stroke Prevention in Atrial Fibrillation: Guidelines, Views and Conspiracies**

*Bristol-Myers Squibb/Pfizer*

Chair: Prof Gregory Lip

Title: Guidelines beget guidelines  
Speaker: Prof John Camm

Title: Patient Views and understanding  
Speaker: Dr Deirdre Lane

Title: The Aspirin Conspiracy  
Speaker: Prof Gregory Lip

17.30-19.00 Exchange Hall

**Evidence-based management of ACS: An interactive journey through the patient pathway**

*AstraZeneca*

Chair: Prof Julian Halcox

Title: Pre-hospital management of the ACS patient: early intervention for improved outcomes  
Speaker: Prof David Newby

Title: Risk stratification of ACS in practice  
Speaker: Prof Julian Halcox

Title: Optimising antiplatelet management of ACS  
Speaker: Dr Rod Stables

Title: The role of the cardiologist beyond the acute phase: working with Area Prescribing Committees prescribing advisors, GPs and rehabilitation services to improve patient outcomes  
Speaker: Prof Alistair Hall
Wednesday 15 June 2010

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<th>Room</th>
<th>08.30-10.00</th>
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<td><strong>Auditorium</strong></td>
<td>BCS/ACC ACC Highlights</td>
<td>How to How to</td>
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<td>BCCA Adult Congenital Heart Disease – Pregnancy</td>
<td>How to Run for your Life – Exercise and the Heart</td>
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<td>Imaging Council Imaging in Arrhythmias</td>
<td>Imaging Council Optimising outcomes in mitral valve disease</td>
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<td>Clinical Translational Science Conditioning – time for mainstream therapy or still awaiting definitive evidence?</td>
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<td>PCCS meeting Cardiovascular Disease Management: The difficult to treat patient – what would you do?</td>
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<td>BCS Commissioning of Cardiac Services – GP Fund Holding all over again!</td>
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<td>Imaging Council/BSCMR Read with the Experts – CMR case-based discussion</td>
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<td>BCS Simulator training in Cardiology. A virtual reality</td>
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<td>Exchange Hall</td>
<td>Adult Congenital Heart Disease – Pregnancy Posters 131 - 136</td>
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<td>Imaging Council Imaging in Arrhythmias Optimising outcomes in mitral valve disease Posters 137 - 144</td>
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- BCS/ACC
- AGM
**Wednesday 15 June 2011**

**Programme details**

**08.30-10.00 Auditorium**

**37  ACC Highlights**

Chairs: Dr David Holmes, Prof Huon Gray

Title: Highlights of the ACC
Speakers: Dr David Holmes, Dr Dipti Itchhaporia, Dr John Harold

Title: Health Care Reform in the U.S.; a war between disparate philosophies
Speaker: Dr George Smith

**08.30-10.00 Exchange Hall**

**38  Adult Congenital Heart Disease – Pregnancy**

**BCCA**

Chairs: Dr Gruschen Veldtman, Dr John Thomson

Title: Pre-pregnancy counselling
Speaker: Dr Rachael James

Title: Contraception in the woman with cardiac disease
Speaker: Dr Sara Thorne

Title: The pregnant woman with congenital heart disease
Speaker: Dr Fiona Walker

**Posters**
Congenital Heart Disease (131-136)

**08.30-10.00 Charter 3**

**39  Imaging in Arrhythmias**

**Imaging Council**

Chairs: Dr James Moon, Dr Simon Fynn

Title: Can imaging predict sudden death in inherited cardiomyopathies and channelopathies
Speaker: Dr Perry Elliot
Title: Arrhythmia risk and outcome in heart failure – The role of nuclear imaging  
Speaker: Dr Nikant Sabharwal

Title: The use of hybrid imaging in interventional EP  
Speaker: Prof Richard Schillingt

Title: What imaging can add to your CRT service – Patient selection, venous anatomy, scar detection and device optimisation  
Speaker: Prof Francisco Leyva-Leon

08.30-10.00 Fitzroy Theatre  

40 Conditioning – Time for mainstream therapy or still awaiting definitive evidence?  
Clinical Translational Science, supported by the British Heart Foundation  
Chairs: Prof Derek Yellon, Prof Michael Marber

Title: Giving your arm to protect your heart  
Speaker: Dr Rajesh Kharbanda

Title: Ischaemic postconditioning for salvaging myocardium  
Speaker: Prof Thomas Engstrøm

Title: Pharmacological adjuncts to reperfusion therapy  
Speaker: Dr Derek Hausenloy  

Posters  
Basic Science 2 (137-144)

08.30-10.00 Charter 2  

41 Pump up the Volume – Perspectives on Heart Failure  
SCST meeting  
Chairs: Ms Judith Skipper, Ms Julie Corrigan

Title: Pathophysiology of HF in a Nutshell  
Speaker: Dr Christopher Eggett
Programme details

Title: How Big is the Nut? An overview of the Epidemiology and Public Health impact
Speaker: Prof Theresa McDonagh

Title: Imaging in the Diagnosis of HF – When, How, Where and by Whom?
Speaker: Dr Paul Foley

Title: Pharmacology for Physiologists – HF medication explained
Speaker: Dr Peter Cowburn

08.30-10.00 Central 4

Cardiovascular Disease Management: The difficult to treat patient – what would you do?

PCCS meeting

Chairs: Dr Christopher Arden, Dr Kathryn Griffith

Title: The Patient with Worsening Heart Failure
Speaker: Dr Ahmet Fuat

Title: The Patient with Uncontrolled Blood Pressure
Speaker: Dr Terry McCormack

Title: The Patient with Refractory Angina
Speaker: Dr Clare Hawley

10.30-12.00 Auditorium

How to

Chairs: Dr Nicholas Brooks, Prof Roger Hall

Title: How to manage pulmonary hypertension
Speaker: Prof Paul Corris

Title: How to perform safe pericardiocentesis
Speaker: Dr Philip MacCarthy

Title: How to be an expert witness
Speaker: Dr Maurice Buchalter
10.30-12.00 Exchange Hall

44 Run for your Life – Exercise and the Heart

BCS/BSH/BACPR

Chairs: Dr Christopher Burrell, Prof Sanjay Sharma

Title: Preparing for the London Olympic Games 2012: Lessons for Cardiologists?
Speaker: Dr Richard Budgett

Title: Exercise and the Heart. Exercise is bad for you
Speaker: Prof Gregory Whyte

Title: Exercise and the Heart. Exercise is good for you
Speaker: Dr John Buckley

10.30-12.00 Charter 3

45 Optimising outcomes in mitral valve disease

Imaging Council

Chairs: Dr Rachel James, Mr Neil Moat

Title: Resting echocardiography
Speaker: Dr Bushra Rana

Title: Exercise and stress echocardiography, what can they add?
Speaker: Dr Rick Steeds

Title: CMR, what can it add?
Speaker: Dr Saul Myerson

Title: Imaging for percutaneous mitral valve repair
Speaker: Dr Anita MacNab
Wednesday 15 June 2011

Programme details

10.30-12.00  Fitzroy Theatre  Innovations

46  Atrial Fibrillation – Where do we go next?

Clinical Translational Science, supported by the British Heart Foundation

Chairs: Dr Wyn Davies, Prof John Camm

Title: Future of Anticoagulant therapies for AF
Speaker: Prof Gregory Lip

Title: Left atrial appendage occlusion devices for AF
Speaker: Dr Tim Betts

Title: Optimising AF ablation outcomes
Speaker: Dr André Ng

Posters
Cardiac Rhythm Management (145-162)

10.30-12.00  Charter 2  SCST

47  Pump up the Volume – Perspectives on Heart Failure

SCST

Chairs: Mr David Richley, Ms Sophie Blackman

Title: Revascularisation vs. Resynchronisation – Are patients getting the best deal?
Speaker: Dr Richard Watkin

Title: The Rhythm of HF – What EP has to offer
Speaker: Dr John Paisey

Title: Psychological Impact of Disease – Physiologist as Counsellor
Speaker: Ms Joanne Forster

Title: Can Regional Wall Motion Scoring Index be a basis for calculating an accurate ejection fraction?
Speaker: Ms Maria Bland
10.30-12.00 Central 4

48 Sex, hormones and the heart: Is there a role for PCI in erectile dysfunction?

Chairs: Dr Terry McCormack, Prof Michael Kirby
Title: Testosterone Deficiency Syndrome
Speaker: Dr Geoffrey Hackett
Title: Managing Erectile Dysfunction in CVD Patients
Speaker: Prof Michael Kirby
Title: Is There a Role for PCI for Vascular ED?
Speaker: Dr Nicholas Ossei-Gerning
Title: Panel Discussion

12.00-13.00 Exchange Hall

49 AGM (BCS Members only)

Chair: Prof Keith Fox

13.00-14.30 Auditorium

50 Top 10 Trials

Chairs: Dr Sarah Clarke, Prof Anthony Gershlick
Title: Drugs Trial 1
Speaker: Dr Kim Rajappan
Title: Drugs Trial 2
Speaker: Dr Tim Kinnaird
Title: Drugs Clinical Perspective
Speaker: Prof Gregory Lip
Title: Plumbing Trial 1
Speaker: Dr Douglas Muir
Title: Plumbing Trial 2
Speaker: Dr Melvin Lobo
Title: Plumbing Clinical Perspective
Speaker: Dr Charles Knight
Wednesday 15 June 2011

Programme details

Title: Artwork Trial 1  
Speaker: Dr Gerry McCann

Title: Artwork Trial 2  
Speaker: Dr Jim Newton

Title: Artwork Clinical Perspective  
Speaker: Prof John Chambers

Title: Electrics Trial 1  
Speaker: Dr Andrew Staniforth

Title: Electrics Trial 2  
Speaker: Dr John Paisey

Title: Electrics Clinical Perspective  
Speaker: Dr Guy Haywood

Title: Pump Trial 1  
Speaker: Dr Roy Gardner

Title: Pump Trial 2  
Speaker: Dr Paul Kalra

Title: Pump Clinical Perspective  
Speaker: Prof Henry Dargie

13.00-14.30 Exchange Hall

51 Commissioning of Cardiac Services – GP Fund Holding all over again!

BCS

Chairs: Dr Kathryn Griffith, Dr Mark Dancy

Title: How will Cardiac Services function in the new commissioning environment from a National perspective  
Speaker: Prof Roger Boyle

Title: Specialist Commissioning – Where do we draw the line?  
Speaker: Dr Patrick Cadigan

Title: What do I do with all this money?  
Speaker: Dr Stewart Findlay

Title: Commissioning across boundaries  
Speaker: Prof Patrick Doherty
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<td>13.00-14.30</td>
<td>Fitzroy Theatre</td>
<td><strong>Innovations</strong></td>
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<td><strong>Cardiomyopathy – Translating failure into success</strong></td>
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<td><strong>Clinical Translational Science, supported by the British Heart Foundation</strong></td>
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<td>Chairs: Dr Sanjay Prasad, Prof William McKenna</td>
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<td>Title: New developments in dilated cardiomyopathy</td>
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<td>Speaker: Dr Calum MacRae</td>
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<td>Title: Prognostic markers in hypertrophic cardiomyopathy</td>
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<td>Speaker: Dr Saidi A Mohiddin</td>
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<td>Title: Diagnosis and Management of Arrhythmogenic right ventricular cardiomyopathy: An update</td>
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<td>Speaker: Dr Perry Elliott</td>
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<td><strong>Posters</strong></td>
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<td>Valve disease/pericardial disease cardiomyopathy (163-173)</td>
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<td>Charter 2</td>
<td><strong>SCST</strong></td>
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<td><strong>Pump up the Volume – Perspectives on Heart Failure</strong></td>
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<td><strong>SCST</strong></td>
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<td>Chairs: Ms Joanne Forster, Ms Su Baxter</td>
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<td>Title: Workforce of the Future – Where do you fit in?</td>
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<td>Speaker: Dr Brian Campbell</td>
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<td>Title: Ask Council</td>
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<td>Title: Can Cardiac Physiologists Interpret ECGs?</td>
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<td>Speaker: Ms Vicky Ritchie</td>
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Read with the Experts – CMR case-based discussion

Imaging Council/BSCMR

Chairs: Prof Henry Dargie, Prof Stefan Neubauer

Title: Case 1 (Ischaemic Heart Disease)
Speaker: Dr John Greenwood

Title: Case 2 (Cardiomyopathies)
Speaker: Dr James Moon

Title: Case 3 (Valvular disease)
Speaker: Dr Gerry McCann

Title: Case 4 (Aortic disease)
Speaker: Dr Mark Westwood

Title: Case 5 (Pericardial disease/tumours)
Speaker: Dr Charles Peebles

Title: Case 6 (Interventional MR)
Speaker: Prof Reza Razavi

Simulator training in Cardiology – A virtual reality

Chairs: Dr Jim Hall, Prof Michael Joy

Title: Simulation at the limits: Experience and value of simulation in the aviation industry
Speaker: Dr Helen Hoar

Title: Simulation and its role in vascular surgical training/treatment
Speaker: Prof Nicholas Cheshire

Title: Simulation in Cardiology. Where are we now?
Speaker: Dr Duncan McNab

Title: Recommendations of BCS working group on simulation in Cardiology
Speaker: Dr Kevin Fox
15.00-16.30  Charter 2

56  Pump up the Volume – Perspectives on Heart Failure

SCST

Chairs: Mr Peter Lewis, Ms Catherine Ross

Title: Remote monitoring – Worth the Effort? Tips and tricks for making it work in practice
Speaker: Mr Wilson McNair

Title: Palliative Care – Navigating the device minefield
Speaker: Ms Su Baxter

Title: Where to Next? HF in the Teenies. Regenerative medicine
Speaker: Prof Peter Weissberg
Abstracts
and Lead Author

Young Research Workers’ Prize

A
ENDOTHELIAL CELL NITRIC OXIDE BIOAVAILABILITY AND INSULIN SENSITIVITY ARE REGULATED BY IGF-1 AND INSULIN RECEPTOR LEVELS
Abbas, A
Leeds Institute of Genetics Health and Therapeutics, Leeds

B
VH-IVUS FINDINGS PREDICT MAJOR ADVERSE CARDIOVASCULAR EVENTS. THE VIVA STUDY (VIRTUAL HISTOLOGY INTRAVASCULAR ULTRASOUND IN VULNERABLE Atherosclerosis)
Calvert, PA
University of Cambridge, Cambridge

C
INSULIN RESISTANCE IMPAIRES ANGIOGENIC PROGENITOR CELL FUNCTION AND DELAYS ENDOTHELIAL REPAIR FOLLOWING VASCULAR INJURY
Kahn, MB
Leeds University, Leeds

D
UPTAKE OF ULTRASMALL SUPERPARAMAGNETIC PARTICLES OF IRON OXIDE PREDICTS GROWTH IN ABDOMINAL AORTIC ANEURYSMS: A PILOT STUDY
Richards, JMJ
University of Edinburgh, Edinburgh

E
INTEGRATIVE GENOMICS APPROACHES IDENTIFY NEW GENES CONTROLLING HEART RATE
Ware, JS
MRC Clinical Sciences Centre & NHLI, Imperial College London
Posters

001 ROUTE OF ADMISSION IN STEMI: DO PATIENTS WHO PRESENT DIRECTLY TO A PCI-CAPABLE HOSPITAL DIFFER FROM INTER-HOSPITAL TRANSFERS?
Austin, D
James Cook University Hospital

002 A ‘DIRECT’ TRANSFER PROTOCOL FOR PATIENTS WITH NON ST-ELEVATION MYOCARDIAL INFARCTION REDUCES TIME TO CORONARY ANGIOGRAPHY
Gallagher, SM
London Chest Hospital, Barts and the London NHS Trust

003 SURVIVAL FOLLOWING ACUTE MYOCARDIAL INFARCTION IN PATIENTS OF SOUTH ASIAN AND WHITE EUROPEAN ETHNICITY IN THE UK
Gholap, NN
University Hospitals of Leicester

004 A RATIONAL APPROACH TO RAISED TROPONINS ON A HYPERACUTE STROKE UNIT: COPING WITH THE IMPACT ON CARDIOLOGY SERVICES
Nijjer, SS
Imperial College Healthcare NHS Trust

005 IMPLEMENTATION OF A SENSITIVE TROPONIN I ASSAY REDUCES DEATH AND RECURRENT MYOCARDIAL INFARCTION IN PATIENTS WITH SUSPECTED ACUTE CORONARY SYNDROME
Lee, KK
Centre for Cardiovascular Science, Edinburgh University

006 CARDIAC MORBIDITY AND MORTALITY CAN BE ACCURATELY PREDICTED IN PATIENTS PRESENTING WITH ACS USING MULTIPLE BIOMARKERS MEASURED ON AN ADMISSION BLOOD SAMPLE
Pearson, IR
Leeds Teaching Hospitals
Abstracts

007 IN ACUTE CORONARY SYNDROMES, HEART-TYPE FATTY ACID BINDING PROTEIN IS A MORE ACCURATE PREDICTOR OF LONG TERM PROGNOSIS THAN TROPONIN
Pearson, IR
Leeds Teaching Hospitals

008 DOES THE ADDITION OF A RADIAL ARTERY GRAFT IMPROVE SURVIVAL AFTER HIGHER RISK CORONARY SURGERY? A PROPENSITY-SCORE ANALYSIS
Yap, CH
Department of Epidemiology and Preventative Medicine, Monash University

009 EARLY HOSPITAL DISCHARGE AT 48 HOURS FOLLOWING PRIMARY PCI FOR MYOCARDIAL INFARCTION IS BOTH SAFE AND FEASIBLE
Guttmann, O
Barts and the London NHS trust

010 EVALUATING A NURSE LED TRIAGE PROCESS IN TREATING PATIENTS WITH LEFT BUNDLE BRANCH BLOCK (LBBB) REFERRED FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION (PPCI)
Joshi, NV
Centre for Cardiovascular Science, The University of Edinburgh

011 COPEPTIN IMPROVES EARLY RISK STRATIFICATION BY GRACE SCORE IN NON ST-ELEVATION MYOCARDIAL INFARCTION; NT-PROBNP DOES NOT
Dhillon, OS
University of Leicester

012 THE RELATIONSHIP BETWEEN PSYCHOLOGICAL FACTORS AND IMPAIRED HEALTH-RELATED QUALITY OF LIFE POST ST-ELEVATION MYOCARDIAL INFARCTION
McGowan, L
University of Manchester

013 NEUTROPHIL ACTIVATION AT THE CULPRIT LESION IN ACUTE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION WITH MULTIPLECOMPLEX CORONARY PLAQUES
Marshall, CJ
Sunderland Royal Hospital
014 DYNAMIC CHANGES OF EDEMA AND LATE GADOLINIUM ENHANCEMENT AFTER ACUTE MYOCARDIAL INFARCTION AND THEIR RELATIONSHIP TO FUNCTIONAL RECOVERY AND SALVAGE INDEX
Dall’Armellina, E
NIHR Biomedical Research Centre, University of Oxford

015 INVESTIGATION OF IL-1 INHIBITION IN PATIENTS PRESENTING WITH NON-ST ELEVATION MYOCARDIAL INFARCTION ACUTE CORONARY SYNDROMES (THE MRC ILA HEART STUDY)
Morton, AC
NIHR Cardiovascular Biomedical Research Unit

016 ACUTE STENT THROMBOSIS RESULTING IN ST ELEVATION MYOCARDIAL INFARCTION (STEMI) IS ASSOCIATED WITH WORSE CLINICAL OUTCOMES THAN STEMI DUE TO NATIVE CORONARY THROMBOSIS
Sammut, EC
The London Chest Hospital

017 SUDDEN CARDIAC DEATH AND ACUTE MYOCARDIAL INFARCTION: HOW HAS THE PICTURE CHANGED?
Mole, G
Brighton & Sussex Medical School

018 PATIENTS PRESENTING WITH ANAEMIA UNDERGOING PRIMARY PCI APPEAR AT SIGNIFICANTLY HIGHER RISK OF AN ADVERSE OUTCOME
Rathod, KR
Barts and the London NHS trust

019 TREATMENT OF MULTIVESSEL CORONARY ARTERY DISEASE IN PRIMARY PCI FOR ST ELEVATION MYOCARDIAL INFARCTION: CULPRIT ONLY REVASCULARISATION IS ASSOCIATED WITH HIGHER MACE RATES
Rathod, KS
London Chest Hospital NHS Trust
WHAT HAPPENS TO PLATELET FUNCTION AND VASCULAR INFLAMMATION WHEN CLOPIDOGREL IS WITHDRAWN? INSIGHTS USING SHORT THROMBELASTOGRAPHY
Sambu, N
Southampton University Hospitals NHS Trust

INFLUENCE OF FRACTIONAL FLOW RESERVE MEASUREMENT ON TREATMENT-DECISIONS IN PATIENTS WITH RECENT ACUTE NON-ST ELEVATION MYOCARDIAL INFARCTION
Carrick, D
Department of Cardiology, Golden Jubilee National Hospital

COMPARISON OF 4 HOUR HEART FATTY ACID BINDING PROTEIN WITH 12 HOUR TROPONIN I TO ASSESS 6 MONTH RISK FOLLOWING PERCUTANEOUS CORONARY INTERVENTION IN ACUTE CORONARY SYNDROMES
Pearson, IR
Leeds Teaching Hospitals

SERUM NGAL IDENTIFIES CONTRAST NEPHROPATHY EARLY IN PATIENTS WITH DIABETES MELLITUS AND CHRONIC KIDNEY DISEASE UNDERGOING CORONARY ANGIOGRAPHY AND ANGIOPLASTY
Qureshi, AC
The London Chest Hospital, Barts and The London NHS Trust

PERCUTANEOUS MITRAL VALVE REPAIR WITH THE MITRACLIP DEVICE – A TERTIARY CARDIAC UK EXPERIENCE
Dungu, J
Hammersmith Hospital, Imperial College London

TAVI OPERATOR RADIATION DOSE COMPARED TO PCI AND ICD OPERATORS: DO WE NEED ADDITIONAL RADIATION PROTECTION FOR TRANS-CATHETER STRUCTURAL HEART INTERVENTIONS
Drury-Smith, M
Heart and Lung Centre, New Cross Hospital

THE EFFECTS OF PRE-EXISTING SIGNIFICANT CORONARY ARTERY DISEASE UPON OUTCOME AFTER TRANSCATHETER
AORTIC VALVE IMPLANTATION USING THE EDWARDS BIOPROSTHESIS
Khawaja, MZ
Guy’s & St. Thomas’ hospitals NHS Foundation Trust

027 PLATELET MONOCYTE AGGREGATES ARE DETERMINANTS OF MICROVASCULAR DYSFUNCTION DURING PERCUTANEOUS CORONARY INTERVENTION FOR STABLE ANGINA AND NON-ST SEGMENT ELEVATION MYOCARDIAL INFARCTION
Mavroudis, CA
Royal Free Hospital, Cardiology Department

028 LOW FRAME RATE SCREENING DURING PERCUTANEOUS CORONARY ANGIOPLASTY SIGNIFICANTLY REDUCES RADIATION EXPOSURE, GIVES GOOD IMAGE QUALITY WITHOUT AFFECTING PATIENT OUTCOME
Wilson, SJ
South West Cardiothoracic Centre

029 BIVALIRUDIN IN PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE ST-ELEVATION MYOCARDIAL INFARCTION: OUTCOMES IN A LARGE REAL-WORLD UK POPULATION
Eftychiou, C
Leeds General Infirmary

030 COMPARISON OF BIVALIRUDIN VS ABCIXIMAB VS “UNFRACTIONATED HEPARIN ONLY” FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION IN A HIGH-VOLUME CENTRE
Showkathali, R
The Essex Cardiothoracic Centre

031 ASSESSMENT OF LEFT VENTRICULAR FUNCTION WITH CARDIAC MAGNETIC RESONANCE IMAGING AFTER PERCUTANEOUS CORONARY INTERVENTION FOR CHRONIC TOTAL OCCLUSION
Paul, GA
Sunnybrook Health Sciences Centre
032 DOES COMPLETE REVASCULARISATION CONFER A LONG TERM SURVIVAL BENEFIT IN PATIENTS WITH CHRONICALLY OCCLUDED CORONARY VESSELS?
Shah, NH
Castle Hill Hospital

033 COMPLETENESS OF REVASCULARISATION PREDICTS MORTALITY FOLLOWING PERCUTANEOUS CORONARY INTERVENTION: UTILITY OF THE BCIS-1 JEOPARDY SCORE
De Silva, K
St. Thomas’ Hospital, King’s College London

034 COMPARISON OF PCI VS CABG IN INSULIN TREATED AND NON INSULIN TREATED DIABETIC PATIENTS IN THE CARDIA TRIAL
Baumbach, A
Bristol Heart Institute

035 SUCCESSFUL RECANALISATION OF CHRONIC TOTAL OCCLUSIONS IS ASSOCIATED WITH INCREASED LONG TERM SURVIVAL
Behar, JM
The London Chest Hospital, Barts and the London NHS Trust

036 IN-STENT RESTENOSIS PRESENTS AS AN ACUTE CORONARY SYNDROME (ACS) IN 40% OF CASES: NOT SIMPLY A BENIGN CLINICAL ENTITY
Abu-Own, H
Barts and the London NHS Trust

037 DECREASE IN MACE RATES ASSOCIATED WITH DRUG ELUTING STENT USE IN PATIENTS WITH DIABETES UNDERGOING PCI IN LARGE DIAMETER CORONARY ARTERIES
Dixit, Anjali
University Hospital Manchester

038 FALSE ACTIVATION FOR PRIMARY PERCUTANEOUS CORONARY INTERVENTION IS NOT A BENIGN PHENOMENON
Chaudhry, U
Royal Free Hospital, Cardiology Department
039 A RANDOMISED CONTROLLED TRIAL COMPARING CONVENTIONAL CORONARY ARTERY BYPASS GRAFT SURGERY WITH A COMPOSITE ARTERIAL GRAFT TECHNIQUE
Alahmar, A
Leicester University Hospital Glenfield

040 PATIENT VERSUS PHYSICIAN REPORTED ANGINA BEFORE AND AFTER REVASCULARISATION OF CORONARY ARTERY DISEASE: EVIDENCE FROM A LARGE RANDOMISED CONTROLLED TRIAL (THE SOS TRIAL)
Appleby, C
Liverpool Heart and Chest Hospital

041 REDUCED ARTERIAL WAVE REFLECTION AND ENHANCED LV RELAXATION CONTRIBUTE TO WARM-UP ANGINA
Lockie, TPE
St Thomas’ & Rayne Institute, Kings College London

042 RETROSPECTIVE CALCULATION OF SYNTAX SCORE IN 200 PATIENTS UNDERGOING ELECTIVE CORONARY ARTERY BYPASS GRAFTING (CABG) AND PERCUTANEOUS CORONARY INTERVENTION (PCI); ARE WE FOLLOWING BEST PRACTICE?
Mullen, LJ
Freeman Hospital

043 PROGNOSIS AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR STEMI: CAN THE SYNTAX SCORE HELP?
Brown, AJ
Papworth Hospital

044 PRIMARY PERCUTANEOUS INTERVENTION – HAVE WE TAKEN OUR EYE OFF THE MEDICINE BALL?
Jones, JD
University Hospital Aintree NHS Foundation Trust

045 SHOULD PRIMARY PERCUTANEOUS CORONARY INTERVENTION BE THE ROUTINE REPERFUSION STRATEGY IN OCTOGENARIANS AND NONAGENARIANS PRESENTING WITH ST ELEVATION MYOCARDIAL INFARCTION?
Showkathali, R
The Essex Cardiothoracic Centre
046  PROGNOSTIC VALUE OF BASELINE RENAL FUNCTION ON LONG TERM OUTCOME IN PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION FOR ST-ELEVATION MYOCARDIAL INFARCTION
Guttmann, OP
Barts and the London NHS Trust, The London Chest Hospital

047  CARDIOVASCULAR EVALUATION OF ENGLISH PREMIERSHIP RUGBY PLAYERS
Ghani, S
St Georges University London

048  DARBEPOETIN ENHANCES ENDOTHELIAL-DEPENDENT VASOMOTOR FUNCTION IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE ONLY AFTER PRECEDING ISCHAEMIA-REPERFUSION
Tilling, LM
King’s College London, St Thomas’

049  ETHNIC VARIATION IN QT INTERVAL AMONGST HIGHLY TRAINED ATHLETES
Raju, H
St George’s University of London

050  DIAGNOSTIC ROLE OF EXERCISE TOLERANCE TESTING IN FAMILIAL PREMATURE SUDDEN CARDIAC DEATH
Raju, H
St George’s University of London

051  LOW-DOSE SODIUM NITRITE RELIEVES MYOCARDIAL ISCHAEMIA IN PATIENTS WITH CORONARY ARTERY DISEASE: A TARGETED NO-DONOR EFFECT
Ingram, TE
Cardiff University

052  BRAIN NATIURETIC PEPTIDE PREDICTS ALL CAUSE MORTALITY IN PATIENTS WITH TYPE 2 DIABETES AND NORMAL EJECTION FRACTIONS
Szwejkowski, BR
University of Dundee
B-TYPE NATRIURETIC PEPTIDE PERFORMS BETTER THAN CURRENT CARDIOVASCULAR RISK SCORES IN IDENTIFYING SILENT ‘PANCARDIAC’ TARGET ORGAN DAMAGE IN ALREADY TREATED PRIMARY PREVENTION PATIENTS

Nadir, A
University of Dundee

CAN MICROALBUMINURIA IDENTIFY SILENT ‘PANCARDIAC’ TARGET ORGAN DAMAGE IN A NON-DIABETIC PRIMARY PREVENTION POPULATION?

Nadir, A
University of Dundee

GENE-GENE INTERACTIONS IN CORONARY ARTERY DISEASE

Musameh, MD
University of Leicester, Glenfield Hospital

CLINICAL AND FINANCIAL REPERCUSSIONS OF THE MARCH 2010 NATIONAL INSTITUTE FOR HEALTH AND CLINICAL EXCELLENCE (NICE) GUIDELINE ‘CHEST PAIN OF RECENT ONSET’ ON THE RAPID ACCESS CHEST PAIN CLINIC (RACPC)

Rogers, T
University Hospital Lewisham

THE IMPACT OF PRE-OPERATIVE RENAL DYSFUNCTION AND THERAPY TYPE IN PATIENTS WITH TYPE 2 DIABETES UNDERGOING CORONARY ARTERY BYPASS SURGERY

Menon, A
University Hospital Birmingham

TEMPORAL EVALUATION OF REFERRAL FOR AND LONG-TERM SURVIVAL FROM CARDIAC REHABILITATION FOR ACUTE MYOCARDIAL INFARCTION

Lewinter, CL
University of York

SHORT TERM ELEVATION OF CHOLESTEROL LEVEL IN NEONATAL LIFE AND LONG TERM CHANGES IN AORTIC STIFFNESS: INSIGHTS FROM USE OF INTRAVENOUS LIPIDS

Lewandowski, A
Cardiovascular Medicine, University of Oxford
060  ETHNIC DIFFERENCES IN REPOLARISATION PATTERNS AND LEFT VENTRICULAR REMODELLING IN HIGHLY TRAINED MALE ADOLESCENT (14-18 YEARS) ATHLETES  
Sheikh, N  
St. George’s University of London

061  FIVE-MINUTE HEART RATE VARIABILITY CAN PREDICT OBSTRUCTIVE ANGIOGRAPHIC CORONARY DISEASE  
Kotecha, D  
Royal Brompton Hospital

062  WILL THE NEW EUROPEAN AF GUIDELINES LEAD TO MORE PATIENTS RECEIVING ORAL ANTICOAGULATION THERAPY?  
Kaier, T  
West Middlesex University Hospital

063  IMPLICATIONS OF A LIKELIHOOD BASED APPROACH TO DIAGNOSTIC TESTING IN CORONARY ARTERY DISEASE: IMPACT OF THE NEW NICE GUIDELINES  
Haq, IU  
Royal Victoria Infirmary

064  DIAGNOSTIC ACCURACY OF EXERCISE STRESS TESTING IN INDIVIDUALS WITHOUT KNOWN CORONARY ARTERY DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS.  
Banerjee, A  
West Midlands Deanery

065  OUTCOMES AFTER CARDIAC SURGERY: ARE WOMEN OF SOUTH ASIAN ORIGIN AT INCREASED RISK?  
George, DA  
New Cross Hospital

066  ETHNIC DIFFERENCES IN CAROTID INTIMAL MEDIAL THICKNESS AND CAROTID-FEMORAL PULSE WAVE VELOCITY ARE PRESENT IN UK CHILDREN  
Whincup, PH  
St George’s, University of London
067 SPONTANEOUS CARDIAC HYPERTROPY AND ADVERSE LV REMODELLING IN A NOVEL HUMAN RELEVANT MOUSE MODEL OF DIABETES; A MECHANISTIC INSIGHT
Gibbons, SM
University of Manchester

068 RARE ALLELES IN GENETIC PREDISPOSITION TO CORONARY ARTERY DISEASE – INSIGHTS FROM THE NOVEL ANALYSIS OF GENE-CENTRIC ARRAY
Christofidou, P
University of Leicester

069 GENOME WIDE METHYLATION ANALYSIS IN CORONARY ARTERY DISEASE
Dick, KJ
University of Leicester

070 GENE EXPRESSION AT THE 9P21 LOCUS AND CAD RISK
Nelson, CP
University of Leicester, Glenfield Hospital

071 A GENOME-WIDE ASSOCIATION STUDY IN INDIAN ASIANS IDENTIFIES FOUR SUSCEPTIBILITY LOCI FOR TYPE-2 DIABETES
Sehmi, J
NHHLI, Imperial College & Ealing Hospital NHS Trust

072 ANGIOGENESIS IN RESPONSE TO UPREGULATED HYPOXIC SIGNALLING IS DEPENDENT ON HAEMODYNAMIC FLOW
Watson, OJ
MRC Centre for Developmental Biology and Genetics, University of Sheffield

073 HERITABILITY OF CORONARY FLOW RESERVE
Ahmed, R
Clinical Sciences Centre, Imperial College
074  MECHANISTIC STUDY FOR THE ROLE OF ADVANCED GLYcation END PRODUCTS IN THE DEVELOPMENT OF DIABETIC HEART FAILURE
Hegab, Z
Manchester University

075  OPTIMISATION OF MEDICAL THERAPY AFTER CARDIAC RESYNCHRONISATION: A NURSING OPPORTUNITY NOT TO BE MISSED
Russell, SJ
Wales Heart Research Institute

076  EXPANDING THE ROLE OF CARDIAC CARE UNIT NURSES TO REDUCE TIME TO TREATMENT FOR PATIENTS REQUIRING PRIMARY ANGIOPLASTY
Young, S
Royal Sussex County Hospital

077  SCREENING FIRST DEGREE RELATIVES FOR HYPERTROPHIC CARDIOMYOPATHY: 12 MONTH EXPERIENCE OF A CARDIO-GENETICS NURSE SERVICE
Finch, S
University Hospital of Wales

078  FIRST YEAR EXPERIENCE OF A DEDICATED ‘RADIAL LOUNGE’ FOR PATIENTS UNDERGOING ELECTIVE PERCUTANEOUS CORONARY PROCEDURES
Brewster, S
London Chest Hospital

079  REMAINING CLOTHED FOR RADIAL DIAGNOSTIC CORONARY ANGIOGRAPHY – AN IMPROVEMENT IN THE PATIENT JOURNEY
Eve, S
Salisbury District Hospital

080  PPCI: IS THERE A ROLE FOR THE ACS ANP?
Oriolo, V
Bristol Heart Institute University Hospital Bristol NHS FT

081  DYSSYNCHRONOUS THREE PLANE MOTION AND IMPAIRED LEFT VENTRICULAR TWIST IN PATIENTS WITH HEART FAILURE AND NORMAL EJECTION FRACTION
Tan, YT
Department of Cardiovascular Medicine

082 MANAGEMENT OF ADVANCED HEART FAILURE IN THE UK: TRENDS IN HEART TRANSPLANTATION AND MECHANICAL CIRCULATORY SUPPORT
Emin, A
Clinical Effectiveness Unit, The Royal College of Surgeons of England

083 CLINICAL AND HAEMODYNAMIC STATUS BEYOND 3 MONTHS OF MECHANICAL SUPPORT WITH THE HEARTWARE VENTRICULAR ASSIST DEVICE
Gordon, B
Freeman hospital

084 TREATMENT OF REFRACTORY RIGHT HEART FAILURE AFTER IMPLANTATION OF A LEFT VENTRICULAR ASSIST DEVICE. IS THE LEVITRONIX CENTRIMAG RIGHT HEART SUPPORT A SOLUTION?
Zych, B
Royal Brompton & Harefield NHS Foundation Trust

085 PREDICTION OF RESPONSE TO BIVENTRICULAR PACING FROM DYSSYCHRONY INDICES: THE ABSOLUTE LIMIT ON PREDICTABILITY, AND ITS CLINICAL IMPLICATIONS
Nijjer, SS
Imperial College Healthcare NHS Trust

086 HOW OFTEN IS IMPORTANT ADJUSTMENT OF PACING INTERVALS REQUIRED FOR OPTIMAL RESPONSE FOLLOWING CRT?
Nayar, V
Addenbrooke’s Hospital

087 OPTIMISATION OF VV DELAY OF CRT IS MORE REPRODUCIBLE USING PEAK VELOCITIES THAN USING VELOCITY TIME INTEGRAL, AS WELL AS BEING QUICKER
Pabari, P A
Imperial College London
EVALUATION OF THE IMPACT OF AV DELAY VARIATION ON THE ACUTE MECHANOENERGETIC EFFICIENCY OF CARDIAC RESYNCHRONISATION THERAPY AND ASSESSMENT OF PERFORMANCE OF NON-INVASIVE VERSUS INVASIVE HAEMODYNAMIC OPTIMISATION

Kyriacou, A
International Centre for Circulatory Health

ELECTROMECHANICAL INTERACTION IN PATIENTS UNDERGOING CARDIAC RESYNCHRONISATION THERAPY – COMPARISON OF INTRACARDIAC ACTIVATION MAPS AND EARLY SEPTAL CONTRACTION IN LEFT BUNDLE BRANCH BLOCK

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Evidence-based management of ACS

An interactive journey through the patient pathway

Tuesday 14 June 2011, 18.00–19.00
Exchange Hall, Manchester Central

Refreshments from 17.30

Chaired by Professor Julian Halcox, University Hospital of Wales

with Professor David Newby, Edinburgh Royal Infirmary
Dr Rod Stables, Liverpool Heart and Chest Hospital NHS Trust
Professor Alistair Hall, Leeds Institute of Genetics, Health and Therapeutics

This meeting is CPD accredited by the Royal College of Physicians

Join with friends, colleagues and an expert faculty on an engaging journey along the ACS patient pathway. The staging and agenda have been designed to add a touch of realism to this experience, highlighting the role of cardiology healthcare professionals and the critical decisions they face at every step. There will be plenty of opportunity for interaction regarding current challenges and hot topics, in what we hope will be an innovative and enjoyable meeting.

Professor Julian Halcox, University Hospital of Wales

please visit www.ACSunited.co.uk for more details of the symposium

Uniting Healthcare Professionals working in ACS

ACS United is provided as a resource by AstraZeneca UK Limited

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Entry to the exhibition is restricted to delegates attending the BCS Annual Conference and invitation tickets only.

Exhibition Opening Hours

- Monday 13 June: 10.00 – 17.30
- Tuesday 14 June: 08.00 – 17.30
- Wednesday 15 June: 08.00 – 16.00

Registration Opening Hours

- Sunday 12 June: 16.00 – 18.00
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Posters will be held in the Fitzroy Atrium in the Exhibition Hall next to the Fitzroy Theatre. Please see the programme for further details of content and timings.

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The BCS.com stand (stand number 62) will be open during the exhibition opening hours. Delegates can view the BCS website and get access to their emails.

Coffee breaks

There will be free standard tea and coffee during exhibition breaks served only from the Red, White and Blue Lounges in the Exhibition Hall. These lounges will also have refreshment carts where snacks and other drinks can be purchased.
Lunch Breaks

Lunch bags will be provided free of charge for all delegates and exhibitors. These will be available from the lounge areas in the Exhibition Hall, during the exhibition lunch breaks given below.

Exhibition Breaks

Exhibition breaks are as follows:

**Monday 13 June**
12.00 – 13.00 Exhibition lunch break
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**Tuesday 14 June**
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14.30 – 15.00

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The Society would like to thank the many exhibitors who have purchased stand space. All delegates are encouraged to visit the exhibition.

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A number of companies are hosting sponsored symposia as follows:

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09.00 – 10.00  
*sanofi-aventis* – The emerging role of Multaq (dronedarone) in AF Management

09.00 – 10.00  
*Bayer Schering Pharma* – Novel Anticoagulants in Cardiology – Beyond AF

17.30 – 19.00  
*Boehringer Ingelheim* – Exploring the future role of cardiology in SPAF management

17.30 – 19.00  
*Roche Products Ltd* – Understanding the role of lipoproteins and CETP in CVD

**Tuesday:**

17.30 – 19.00  
*Bristol-Myers Squibb/Pfizer* – Stroke Prevention in Atrial Fibrillation: Guidelines, Views and Conspiracies

17.30 – 19.00  
*AstraZeneca* – Evidence-based management of ACS: An interactive journey through the patient pathway
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Exhibitors’ Information

3m Healthcare Ltd  Stand no.: 142

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The Littmann brand name is renowned worldwide for precision, acoustic superiority and innovative design. Visit the 3M™ Littmann® stand for a demonstration of the new Electronic Stethoscope Model 3200 and Scope-to-Scope Tele-Auscultation system. Also discover our new style enhancement stethoscopes.

A. Menarini Pharma UK SRL  Stand no.: 144

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Telephone: +44 (0)1628 856400  
Email: marketing@menariniuk.com

Menarini is the leading pharmaceutical company in Italy with representation in over 100 countries throughout the world. In the UK, we have a strong focus on cardiovascular disease and we look forward to welcoming you to our stand.

Abbott Healthcare Products Ltd  Stand no.: 139

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Abbott Healthcare Products Ltd is a sales and marketing organisation committed to increased patient care through sharing knowledge with both healthcare providers and patients. In addition to reinvestment of profit into research and development Abbott Healthcare Products Ltd also provides high quality medical education materials to doctors, pharmacists, nurses and patients.
ACIST Medical Systems

Stand no.: 320

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ACIST Medical Systems is a world leader in advanced contrast delivery technology for radiology and cardiology imaging, providing innovative solutions focused on enhancing the consistency and quality of images to assist clinicians in providing the best diagnosis and treatment for their patients. ACIST is part of the Bracco Group.

Agfa Healthcare

Stand no.: 267

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Agfa HealthCare is a global leader in cardiovascular image, information and process management. Installed at nearly 600 leading cardiology centres across the world, our IMPAX Cardiovascular solutions provide rapid access to patient information and diagnostic images from multiple modalities along with the ability to create advanced structured clinical reports. Our solutions save time, promote and improve workflows.

Alere Ltd

Stand no.: 332

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Exhibitors’ Information

Alere brings together more than 40 leading diagnostics and health management companies with expertise in over 100 disease categories. Alere is connecting physicians, health providers and individuals with the same reliable, up-to-date information, empowering them to make smart health and treatment decisions that drive better health outcomes and reduce costs.

AstraZeneca
Stand no.: 152

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Website: www.astrazeneca.com

AstraZeneca is a global, innovation-driven biopharmaceutical business with a primary focus on the discovery, development and commercialisation of prescription medicines for gastrointestinal, cardiovascular, neuroscience, respiratory and inflammation, oncology and infectious disease. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide. For more information please visit: www.astrazeneca.com

Bayer Schering Pharma
Stand no.: 138

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Email: medical.information@bayer.co.uk

Bayer Healthcare have over many years been involved in the development of medicines of importance to Cardiologists, most notably nifedipine and other calcium channel blockers. Recent research has been focused more on thrombosis prevention in various cardiological conditions.
BJCN + BANCC

Stand no.: 134

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Website: www.cardiac-nursing.com

British Journal of Cardiac Nursing is a clinical and professional review journal for nurses who wish to be fully informed of developments in the specialty. It aims to provide the highest standards of clinical reviews and reflects the different contexts and subspecialisms in which nurses operate, whether hospital or community-based.

BMS/Pfizer

Stand no.: 46

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About the Bristol-Myers Squibb/Pfizer Collaboration: In 2007, Pfizer and Bristol-Myers Squibb entered into a worldwide collaboration. This global alliance combines Bristol-Myers Squibb’s long-standing strengths in cardiovascular drug development and commercialization with Pfizer’s global scale and expertise in this field.

Boehringer Ingelheim

Stand no.: 160

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Email: communications.bra@boehringer-ingelheim.com
Website: www.boehringer-ingelheim.com
The Boehringer Ingelheim group is one of the world’s 20 leading pharmaceutical companies. Headquartered in Ingelheim, Germany, it operates globally with 145 affiliates and more than 42,000 employees. Since it was founded in 1885, the family-owned company has been committed to researching, developing, manufacturing and marketing novel products of high therapeutic value for human and veterinary medicine.

British Atherosclerosis Society (BAS) and British Society of Cardiovascular Research (BSCR)  Stand no.: B1 – B11

Website: www.bscr.org/ and www.britathsoc.org

We thank our Sponsors: British Heart Foundation, Company of Biologists, Lilly, Abcam: Biocompatibles.

Exhibitors in the BAS/BSCR Exhibition Area (purple carpet):
Bose Electronics, Lonza, Melford, Miltenyi Biotec, Preprotech Ptlglab+, Promocell, Qiagen, Roche LS, Stratech, Thermo Scientific

Exhibitors in Charter 8: Kinesis, Moor Instruments, NEB Biolabs, R&D systems.

Exhibitors are present for Monday and Tuesday Only.

British Cardiovascular Industry Association

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Email: bcia@bcos.demon.co.uk
Website: www.bcia.uk.com

Membership is open to all companies working within the UK cardiovascular field. We are delighted to host our first “Education Area”, which incorporates the BCS Simulator training, and a range of product updates, education and displays. We look forward to welcoming delegates and guests to this exciting new space.
British Heart Foundation

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Email: crutzenh@bhf.org.uk
Website: www.bhf.org.uk

The BHF is 50 this year and we’ve launched the Mending Broken Hearts Appeal. Visit stand 130 opposite the Blue Lounge to find out more about the appeal and to meet BHF experts for information on:

BHF funding Schemes
Grant writing
Our new online grants application process
Presenting your research to the media.

beating heart disease together

British Society for Heart Failure (BSH)

Contact name: Rose-Marie Wilkinson/ Michelle Glanville
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Postcode: OX13 6QD
Country: United Kingdom
Telephone: +44 (0) 1865 391836
Email: rose@bsh.org.uk
Website: www.bsh.org.uk

The aims of the BSH are:
• to increase knowledge and promote research about the diagnosis, causes, management and consequences of heart failure amongst healthcare professionals, with the intention of delaying or preventing the onset of heart failure and improving care for patients with heart failure
• to provide expert advice to healthcare professionals, patient or government organisations, including the National Health Service, when appropriate and as requested.
<table>
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<tr>
<th>British Society of Echocardiography</th>
<th>Contact name: Dawn Appleby</th>
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<tr>
<td>Address: BSE, Docklands Business Centre, 10-16 Tiller Road, London</td>
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<tr>
<td>Postcode: E14 8PX</td>
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<td>Country: United Kingdom</td>
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<tr>
<td>Telephone: +44 (0) 20 7345 5185</td>
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<tr>
<td>Email: <a href="mailto:admin@bsecho.org">admin@bsecho.org</a></td>
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<tr>
<td>Website: <a href="http://www.bsecho.org">www.bsecho.org</a></td>
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Please visit the BSE stand for information on Accreditation in TTE, TOE, Critical Care & Community Echocardiography. You can also see our new website, check if your department meets the criteria for Departmental Accreditation and pick up copies of our latest educational guidelines. We look forward to seeing you!

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<th>Cardiac Risk in the Young</th>
<th>Contact Name: Dr Steven Cox</th>
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<td>Address: CRY Unit 7 Epsom Downs Metro Centre, Waterfield, Tadworth, Surrey</td>
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<td>Postcode: KT20 5LR</td>
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<td>Country: United Kingdom</td>
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<tr>
<td>Telephone: +44 (0) 1737 363 222</td>
<td></td>
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<tr>
<td>Email: <a href="mailto:cry@c-r-y.org.uk">cry@c-r-y.org.uk</a></td>
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<td>Website: <a href="http://www.c-r-y.org.uk">www.c-r-y.org.uk</a> or <a href="http://www.sads.org.uk">www.sads.org.uk</a></td>
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CRY supports those people diagnosed with cardiac conditions and offers bereavement support to families affected by YSCD. CRY funds fast track services at the CRY Centre for Inherited Cardiovascular Conditions and Sports Cardiology, and the CRY Centre for Cardiac Pathology. CRY operates a national screening programme and funds medical research.

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<th>Cardiac Science</th>
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<td>Telephone: +44 (0) 161 926 0000</td>
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<tr>
<td>Email: <a href="mailto:sales@cardiacscience.co.uk">sales@cardiacscience.co.uk</a></td>
<td></td>
</tr>
<tr>
<td>Website: <a href="http://www.cardiacscience.com">www.cardiacscience.com</a></td>
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Cardiac Science Corporation provides a full spectrum of diagnostic and therapeutic cardiology products and services. We develop, manufacture and market our products under the Burdick®, Powerheart® and Quinton® brand names. We manufacture AED machines, ECG, cardiac stress and holter systems, vital signs monitors, and cardiac rehabilitation equipment.
Cardiac Services Ltd

Stand no.: 280

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Website: www.cardiac-services.com

Cardiac Services, one of the UK’s leading suppliers of Cardiology solutions will be demonstrating the latest in ECG technology from Philips Healthcare. Please visit us to see the Philips TC range of Cardiographs, Philips StressVue Stress Test System and the Philips Zymed Holter System.

Cardiology News

Stand no.: 132

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Website: www.pinpointmedical.com

Featuring high quality articles, conference reports, journal and book reviews and all the latest product news. Cardiology News is essential reading for all cardiologists and related health professionals. Come by the stand to pick up your free copy of the June/July issue and the 2011 Product Guide.

Cardiomyopathy Association

Stand no.: C4

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Website: www.cardiomyopathy.org
Exhibitors’ Information

The Cardiomyopathy Association provides information and support to affected families. This includes regional information days, helpline manned by cardiomyopathy nurses, network of affected volunteers who provide support by phone, email and at support groups. Supports cardiac units with free patient literature and holds an annual medical conference in London.

Coronary Heart Publishing Ltd

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Coronary Heart magazine is a dynamic, and very popular publication distributed to all cardiologists and cardiology departments in the UK. Grab a free copy of our 30th edition, and see the launch of our new online cardiology community and product catalogue at CardiologyHD.com, which already has over 5000 visitors per month.

Edwards Life Sciences Ltd

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Website: www.edwards.com

The Edwards SAPIEN balloon-expandable transcatheter valve is for patients who are considered to be at high-risk for open-heart surgery. In September 2010, The New England Journal of Medicine published results from Cohort B of The PARTNER Trial where the primary endpoints of all-cause mortality and mortality plus repeat hospitalization were successfully met.
European Society of Cardiology

Stand no.: 7

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ESC represents more than 68,000 cardiology professionals from across Europe and the Mediterranean. Its mission is “To reduce the burden of cardiovascular disease in Europe”. ESC achieves this through a series of scientific and educational activities and the ESC Congress, the largest medical meeting in Europe, held this year from 27-31 August 2011 in Paris Nord Villepinte.

Fukuda Denshi UK

Stand no.: 140

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Email: matthew@fukuda.co.uk
Website: www.fukuda.co.uk

FUKUDA DENSHI introduce the VS1500 VaSera Vascular Screening Device. Capable of measuring cIPWV, ABI and CAVI. Cardio Ankle Vascular Index is a blood pressure independent indicator of arterial stiffness. For early detection of arteriosclerosis CAVI provides the means to diagnose arteriosclerosis in patients with hypertension, hyperlipemia, diabetes, myocardial infarction and cerebral infarction. Learn more at our stand.

Gem-Med Limited

Stand no.: 5

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Gem-Med provide with digitalized electrocardiography solutions and services. Our aim is to extend the use, the accessibility and the capability of electrocardiograph diagnosis anywhere at any time, offering the tools for interpretation of cardiac records and optimization of ECG management to fight heart disease with as much efficiency as possible.

Grown Up Congenital Heart Patients Association

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GUCH PA is a national charity supporting young people and adults born with heart conditions. We provide emotional, financial, social, educational and practical help, as well as championing the voice of the congenital heart patient in public and political forums.

Maquet Ltd

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MAQUET Cardiovascular is a leader in providing innovative products for cardiologists, interventional radiologists, cardiac and vascular surgeons as well as critical care clinicians and their teams. The company will be demonstrating the CS300 automatic Intra Aortic Balloon (IAB) Pump and the Mega™ 50cc IAB catheter which offers an improvement on unloading and augmentation.
MDDUS

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The MDDUS is a mutual organisation that has been providing indemnity, advice and guidance on medico-legal matters to members who encounter professional difficulties for over 100 years. With a team of highly qualified and experienced personnel the MDDUS offers a quality, personalised service at competitive rates. Visit our stand for a personalised quote.

Medis Medical Imaging Systems bv

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Medis is a leading provider of software that enables accurate quantification of cardiovascular images. Medis’ solutions for the imaging modalities MRI, X-ray angiography, IVUS and OCT help medical professionals improve the quality of diagnosis, treatment planning and patient follow-up. Visit our stand to see how Medis software can help you.

Merit Medical UK Ltd

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Website: www.merit.com
Merit Medical Systems is a leading manufacturer / supplier of medical devices used in diagnostic and interventional cardiology and radiology procedures. Its products include inflation devices, radial and femoral introducer sheaths, diagnostic and guide catheters; guide wires, contrast administration and fluid dispensing systems; angiography accessories; standard and custom angiography kits.

Millbrook Medical Conferences Ltd
Stand no.: 292

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Millbrook is the leading organiser of cardiology conferences in the UK. We offer a personalised service, tailoring events to client’s requirements and working within ABPI and ABHI Codes of Practice. We are proud of our excellent long standing professional relationship with clinicians and industry. Please visit us on Stand 292.

MSD
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Today’s MSD is a global healthcare leader who is working to help the world be well. Through our medicines, vaccines biological therapies, and consumer and animal products, we collaborate with healthcare providers in the UK and operate in more than 140 countries to deliver innovative health solutions. For more information, please go to www.msd-uk.co.uk.

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NHS Improvement has over 10 years improvement experience working across a number of clinical areas, including heart and stroke. With our practical knowledge and ‘how to’ approach we help improve the quality and productivity of services through using innovative approaches as well as tried and tested improvement methodology.

Nihon Kohden UK ltd
Stand no.: 364

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For 100 years, Nihon Kohden has excelled in Cardiology. Today, Nihon Kohden's resting and stress-test electrocardiographs are linked wirelessly to HD Clinical's cardiology management systems, the LifeScope patient monitoring & telemetry systems and LifeNet™ network ensure vigilant patient surveillance and Cardiolife defibrillators continue the tradition of Japanese technical excellence.

North East Monitoring Inc
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Northeast Monitoring designs and manufactures high quality, rugged products to address diagnostic, clinical and research applications in cardiology, respiratory, pulmonary and sleep applications. Products include Holter/Event recorders, OxyHolters and all the analysis software that goes with these products, including the latest – LX Sleep for At-Home Sleep Testing for OSA.

Pfizer Ltd
Stand no.: 246
Exhibitors' Information

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ProMedical is an established, professional healthcare recruitment agency. Whether you are looking for staff or full / part-time employment, our team of proactive consultants are always here to help. We specialise in supplying healthcare professionals to the NHS and private sector on a temporary and permanent basis.

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The PHA UK provides information, support and advice to people with PH, their families and friends and healthcare professionals working in PH. For more information, please contact the office on 01709 761450 or office@phassociation.uk.com or visit our website www.phassociation.uk.com

SADS UK
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SADS UK support and inform families affected by Sudden Arrhythmic Death and inherited cardiac conditions, holding Retreats for the bereaved and short breaks for patients, as well as annual conferences. SADS UK provides heart monitors and defibrillators in the community, focussing on youth establishments such as schools and sports clubs.
Sanofi-Aventis

Stand no.: 118 & 126

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In the UK, sanofi-aventis, an affiliate of the global pharmaceutical company sanofi-aventis, is a dynamic organisation working to meet the needs of healthcare professionals and their patients. Our portfolio of products and services closely match the priorities of the NHS and include diabetes, cardiovascular disease, thrombosis, oncology and vaccines. Sanofi-aventis is based in Paris and operates in over 100 countries.

Servier Laboratories Ltd

Stand no.: 270

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Servier Laboratories is the UK subsidiary of The Servier Research Group, the leading independent French research based pharmaceutical company. The key franchises of the Servier Research Group are cardiovascular disease, diabetes, rheumatology, Central Nervous System and oncology. For further information visit www.servier.co.uk

Stanley Healthcare Solutions

Stand no.: 265

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Stanley Healthcare Solutions has found success with the application of SpaceTRAX Point of Use™ web-based inventory management software at Catheterisation Laboratory at Glenfield Hospital in the U.K. In one year, the software saved the facility approximately £973 daily, decreased inventory wastage by 43% and returned the investment in 1.1 months.

**Takeda UK Ltd**

Stand no.: 6

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Takeda’s vision is to embody global pharmaceutical leadership through innovation, culture and growth, guided by an unwavering commitment to significantly improve the lives of patients. Takeda UK’s current portfolio of products addresses some of the largest areas of patient need, which are strategic priorities for the NHS: cardiovascular disease, type 2 diabetes and cancer.

**Teleflex Medical**

Stand no.: 58

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Teleflex Medical is a global supplier of Medical and Surgical products providing optimal quality, service and value to healthcare customers. The market leading Arrow brand offers catheter-based access and therapeutic products for critical and cardiac care with technology to minimise invasive access, enhance patient safety and improve infection protection.
The Medicines Company (UK) Ltd

Stand no.: 30

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The Medicines Company is a global pharmaceutical company focused on advancing the treatment of critical care patients through the delivery of innovative, cost-effective medicines to the worldwide hospital marketplace. We have one marketed product in Europe, Angiox® (bivalirudin) and a pipeline of critical care hospital products in development.

The Stroke Association

Stand no.: C1

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The Stroke Association is launching a campaign to raise awareness of Atrial Fibrillation, its links to stroke and the signs to watch out for. Many people are reluctant to talk to their GP about their risk of stroke. If you are concerned, you must ASK FIRST, before its too late.

Toshiba Medical Systems Ltd

Stand no.: 54

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Toshiba Medical Systems is a world leading provider of diagnostic imaging equipment in CT, MRI, XR and Ultrasound. Toshiba’s medical imaging systems are used in leading institutions around the world. With pioneering technology including the world’s only single beat cardiac CT scanner (the Aquilion ONE™) and the most patient accessible interventional cath lab, Toshiba is at the forefront of innovation in cardiac imaging.

**UK PubMed Central**

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UK PubMed Central (UKPMC; www.ukpmc.ac.uk) is a new free online resource for life science and health researchers. It offers easy access to >1.8million full text articles and additional content such as e-thesis and patents. UKPMC+ is an additional resource, which allows easy compliance with research funder mandates.

**Vifor Pharma UK**

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Vifor Pharma is the world’s leading company in the treatment of patients with iron deficiency anaemia. From original scientific research through to clinical trials, the company has developed iron based medicines for more than 50 years. Both Venofer® and Ferinject® are intravenous iron preparations that Vifor has brought to the UK and to physicians across Europe.
## Vitabiotics Ltd

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<td>Website: <a href="http://www.cardioace.com">www.cardioace.com</a></td>
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Cardioace® is the UK’s No1 most trusted comprehensive nutritional formula for heart health, developed on the basis of extensive worldwide research over the last 40 years. Carefully formulated to help maintain a healthy heart and circulation in men and women of all ages. Cardioace® Plus combines the benefits of the original Cardioace® with 1.3g of plant sterols and other advanced nutrients.

## Volcano

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Volcano Corporation is revolutionizing the medical device industry with a broad suite of technologies that make imaging and therapy simpler, more informative and less invasive. Our products empower physicians around the world with a new generation of analytical tools that deliver more meaningful information - using sound and light as the guiding elements.

## Wisepress Ltd.

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Wolters Kluwer Healthcare

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Zonare Medical Systems UK Ltd  Stand no.: 329

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ZONARE Medical Systems, Inc. designs, develops, and manufactures premium compact performance ultrasound solutions, which combine revolutionary technology with an innovative physical design. Zone Sonography technology™ ZONARE’s unique patented approach to ultrasound imaging, is focused on bringing the highest performance to all clinical settings, leading to advanced diagnostic capabilities, more cost effective operation and increased value to providers.
BCS COURSES  
FROM AUTUMN 2011 TO SPRING 2012

BCS & Mayo Clinic “Cases, Controversies & Updates”  
26 – 28 September 2011  
Key faculty from the BCS and Mayo Clinic are again coming together to provide an in-depth look at difficult cases, current controversies and latest updates in Cardiovascular Medicine.

BCS & RCP Cardiology Update  
11 October 2011  
An annual update for GPs covering Cardiac drugs, stable angina and other essential topics for those covering Cardiology in the community. Visit the RCP website to register for this course, www.rcplondon.ac.uk

National Training Day  
28 November 2011  
For UK Cardiology Trainees, addressing topics from the Cardiology Curriculum: Atrial Fibrillation; Mitral Valve; the Heart Lung Interface; the NHS survival kit!

A Year in Cardiology  
14 December 2011  
Providing a succinct review of the years’ hot topics with particular emphasis on clinical practice and a round-up of key developments in the sub-specialties. This symposium is a must for consultants and trainees wishing to keep abreast of major advances in Cardiology.

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BCS & Mayo Clinic Cardiology Review Course  
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