Welcome to this year’s British Cardiac Society Annual Scientific Conference. I very much hope that you will enjoy the meeting. The Programme Committee has worked hard to develop the style and content of the programme to fit best with the needs of our members and the Affiliated Groups of the Society.

As last year, the meeting is three and a half day long and covers the training, CPD and scientific research of members of the Society. There are a few developments and updates that should highlight:

- The amount of CPD has been expanded on Wednesday and Thursday. This will ensure that there will be a wide range of presentations for those members who can only make the meeting on those two days.
- The number of Abstracts has been expanded. This now ensures that we have a 10% acceptance rate. The total number of abstracts submitted has remained constant.
- The Young Research Workers’ Prize continues with a larger number of applications. We have increased the unspecified nature of the session and this has allowed for expansion of CPD and abstract presentations.
- Two practical workshops have been introduced on the Wednesday of the meeting. These dealt with common practical issues in cardiology and have been prepared by RCS and BSE.
- The highest ranked abstracts are being presented in the ‘Judges’ Choice’ and ‘Bookended Poster’ sessions on Thursday.

There are three notable speakers: Mr. Macinnes will deliver the last in the series celebrating the life of Michael Davies. The lecture opening the meeting will be given by Mario Tonino and will be the house of Walter Somerville and the Thomas Lewis Lecture. This will be delivered by Rob Califf.

On behalf of the Society, the Affiliated Groups and the Programme Committee, I extend a very warm welcome to you and I hope you have an enjoyable and informative meeting.

David Crossman
Chairman of the Programme Committee
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### New members to be introduced at the AGM 2006

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General Information

Conference
The conference will be held in the Scottish Exhibition and Conference Centre (SECC). The programme will open on Monday at 09.30 hrs, with a day for trainees, followed by a sponsored symposium in the evening.

Exhibition
The exhibition will be held in Hall 4 and will be open from 12.30 hrs on Monday.

Registration
Registration will take place in Hall 4. Desks will be open at the following times:

- **Monday 24 April**: 08.30-18.00 hrs
- **Tuesday 25 April**: 07.30-18.00 hrs
- **Wednesday 26 April**: 07.30-18.00 hrs
- **Thursday 27 April**: 07.30-13.30 hrs

See the back cover of this programme for a location plan of the meeting rooms and exhibition hall.

Delegate badges
- White: BCS member
- Blue: Affiliated groups
- Red: Non member
- Green: Presenter/Chairman
- Black: BCS staff
- Yellow: Sponsored symposium only

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

The audiovisual centre will be located in the Morar Room in The Seminar Suite.

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

Catering facilities are located in Hall 4 and on the main concourse. For those attending the ‘How to’ sessions, a packed lunch will be available for purchase near the session rooms.

The contact telephone number at the registration desk during the conference is 0141 576 3405.
The Society would like to thank the many exhibitors who have purchased stand space. All delegates are encouraged to visit the exhibition, which will be open at the following times:

**Monday 24 April** 12.30-18.00 hrs  
**Tuesday 25 April** 08.00-18.00 hrs  
**Wednesday 26 April** 08.00-18.00 hrs  
**Thursday 27 April** 08.00-13.30 hrs

Further information on this year’s exhibition may be obtained from Concorde Services Ltd (tel: 0141 331 0123; email: exhibition@bcs.com).

**Sponsored symposia**

A number of companies are hosting sponsored symposia on Monday and Tuesday evenings and Tuesday and Wednesday during lunchtime.

**Monday**  
**Sanofi-aventis** – *Unravelling cardiometabolic risk*

**Tuesday**  
**Servier Laboratories Ltd** – *What if angina could be viewed from a new perspective?*  
**AstraZeneca UK Ltd** – *Cholesterol management in the dock*  
**Sanofi-aventis and Bristol Myers Squibb** – *Effects of long-term combined clopidogrel and aspirin: results of the CHARISMA study*

**Wednesday**  
**Sanofi-aventis** – *Microalbuminuria in cardiology – who cares*

**Annual dinner**

The annual dinner will take place on Wednesday 26 April at Òran Mór in Glasgow. Tickets (£55 per person) may be purchased by any delegate/exhibitor up to Wednesday 19 April, subject to availability. For further information on sponsorship of tables, please contact the Society (Tel: 020 7383 3887).
### Committee meetings

#### Monday

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<th>Committee</th>
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<tr>
<td>Professional Standards &amp; Peer Review</td>
<td>Katrine</td>
<td>09.00</td>
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<td>Cardiac Workforce</td>
<td>Katrine</td>
<td>10.00</td>
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<td>SCST Education</td>
<td>Fyne</td>
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<td>SAC</td>
<td>Katrine</td>
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<td>BJCA</td>
<td>Ness</td>
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<td>BCIS Organising Committee</td>
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<td>Information and Surveys</td>
<td>Ness</td>
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<td>HRUK</td>
<td>Ness</td>
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<td>Clinical Practice</td>
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<td>HCP(UK)</td>
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<td>BCCA Business</td>
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<td>BNCS</td>
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British Cardiac Society Annual Scientific Conference 24 - 27 April

BCS Officers and Council

OFFICERS

Dr N H Brooks  President  2005-2007
Dr N A Boon  President Elect  2005-2007
Dr D W Davies  Honorary Treasurer  2001-2006
Dr M A de Belder  Honorary Secretary  2004-2006
Dr S R M Holmberg  Assistant Secretary  2004-2006
Prof D C Crossman  Chairman, Programme Committee  2003-2007

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Dr R Boyle  Mr I Jones
Prof K Channon  Mrs C MacGregor
Prof J Cleland  Dr T McCormack
Dr D Connelly  Dr A McLeod
Dr P Crean  Dr P Mills
Dr J R Dowdle  Dr S Myerson
Mrs B Downey  Dr M Norell
Dr F Dunn  Prof M Rothman
Prof D Eisner  Mr J Roxburgh
Dr J Flint  Dr M Signy
Dr K Fox  Dr M Thomas
Mr D Geldard  Prof P Weissberg
Dr A Gershlick
Dr J Gibbs
Prof R Hall
Dr M Harbinson

Joint committees

Heart Management Committee (BCS/BMJ Publishing)
Nicholas Brooks (Co-Chairman)
Stella Dutton (Co-Chairman)

Joint Specialty Cardiology Committee (BCS/RCP)
David Crossman (Chairman)

Specialty Advisory Committee (BCS/RCP)
Peter Mills (Chairman)
BCS committees

Academic Committee
Hugh Watkins (Chairman)
David Crossman
Bernard Keavney
Derek Yellon

Clinical Practice Committee
Martin Cowie (Chairman)
Nicholas Boon
Nicholas Brooks
Keith Dawkins
David Hackett
Guy Haywood
Peter Mills
Charles Pumphrey
Jill Riley
Mark Signy
Ken Timmis
Rosemary Weston

Information and Surveys Committee
Sarah Clarke (Chairman)
Tim Bowker
Ian Cox
Stephen Holmberg
Somnath Kumar
Saul Myerson
Liam Penny
Susannah Gray
Rosemary Weston
Steven Yeats

Education Committee
Anthony Mourant (Chairman)
John Bayliss
Wyn Davies
Frank Dunn
Matt Faircloth
John Gibbs
Alun Harcombe
Peter Mills
Gordon Murray
Liam Penny
Stuart Pringle
Adam Timmis
Peter Weissberg
Lulu Ho

Professional Standards and Peer Review Committee
David Hackett (Chairman)
Nicholas Boon
Nicholas Brooks
Keith Channon
John Cleland
Derek Connelly
Martin Cowie
Bernie Downey
Kevin Fox
David Geldard
James Ghanapragasam
Mark Harbinson
Catriona MacGregor
Chris Mutton
James Roxburgh
Mark Signy
Martyn Thomas
Rosemary Weston

Fellowship, Grants and Awards Committee
Nicholas Boon (Chairman)
Keith Channon
Wyn Davies
Nilesh Samani
Michael Marber
Peter Weissberg
Bindi Sheemar

Finance Committee
Wyn Davies (Chairman)
Nicholas Boon
Nicholas Brooks
Kevin Jennings
Nicholas Kaye
Graham Meek
Paul Oldershaw
Martin Rothman
Finola McNicholl

Programme Committee
David Crossman (Chairman)
Martin Bennett
Nicholas Boon
Nicholas Brooks
Sarah Clarke
Wyn Davies
Mark de Belder

Diana Holdright
Stephen Holmberg
Charles Knight
Derek Yellon
Tracy Harvey
Finola McNicholl
Mary-Lou Pitts
Steven Yeats

Industry Liaison Committee
Nicholas Brooks (Chairman)
Chris Brinsmead
Wyn Davies
Jackie Ganley
Beccy Holmberg
David Geldard
Geoff Morris
Anthony Mourant
Michael Norman
Peter Weissberg
Anthony Whitehead
Claire Williams
Derek Yellon
Tracy Harvey
Finola McNicholl

Cardiac Workforce Committee
David Hackett (Chairman)
Nicholas Boon
Nicholas Brooks
John Chambers
Derek Connelly
Mark de Belder
Bernie Downey
Jane Flint
John Gibbs
Mark Harbinson
Suzanna Hardman
Vera Hodgkinson
Ian Jones
Peter Mills
Trudy McNiven
Christopher Newman
Simon Redwood
Mark Signy
Ken Timmis
Malcolm Walker
Tim Wells
Rosemary Weston
The Programme Committee wishes to acknowledge the generous help given in abstract selection by
the following (names in bold indicate Chairmen of the markers for their category):

E Allibone  M Flather  B Pendergast
A Al-Mohammed  J Flint  P Punjabi
C Anagnostopoulos  M Gautel  T Quinn
F Astin  A Grace  S Ray
M Avkiran  D Greaves  S Redwood
C Baigent  P Groves  J Rilley
A Bakhai  M Gunning  A Rozkovic
N Banner  R Hall  A Salmon
S Bannerjee  J Hancock  N Sattar
A Banning  M Harbinson  M Scheuermann-Freestone
H Becher  S Hardman  R Senior
D Bennett  A Heagerty  P Sever
S Bhattacharya  H Hemingway  C Shanahan
A Bishop  A Hingorani  L Shapiro
R Bogle  I Jones  A Slade
N Boon  M Kearney  I Squire
M Brown  B Keavney  A Stanley
P Carnici  B Keaton  A Struthers
B Casadei  G Lowe  G Stuart
M Caulfield  K MacLeod  R Sutton
R Clarke  G Mann  J Tagney
M Cooklin  A Mathur  R Taylor
P Cowburn  J Mayet  S Thorne
N Curzen  B Mayosi  V Tsang
P Daubeney  B McDermott  J M Walker
G Davey-Smith  T McDonagh  M Walker
K Dawkins  M Monaghan  K Willimer
D Dawson  P Munroe  S Woldman
A de Belder  L Neyses  C Wren
C Deaton  P Nicholls  J Wright
C Dickinson  P Nihoyannopoulos  Q Xu
C Dollery
A Dominiczak
D Dutka
Affiliated groups

Heart Rhythm UK (HRUK)
President: Dr Derek Connelly
derek.connelly@northglasgow.scot.nhs.uk
Treasurer: Prof Clifford Garratt
clifford.garratt@mhc.cmht.nweStnhs.uk
Secretary: Dr Michael Gammage
m.d.gammage@bham.ac.uk

British Cardiovascular Intervention Society (BCIS)
President: Dr Martyn Thomas
mttwins@aol.com
Treasurer: Dr Simon Redwood
simon.redwood@gsitt.sthames.nhs.uk
Secretary: Dr Jim McLenachan
carole.noble@leedsth.nhs.uk

British Nuclear Cardiology Society (BNCS)
President: Dr Mark Harbinson
m.harbinson@qub.ac.uk
Treasurer: Dr Simon Woldman
simon@woldman.demon.co.uk

British Society of Echocardiography (BSE)
President: Dr Kevin Fox
k.fox@ic.ac.uk
Treasurer: Mr Graham Leech
graham@cardiac.demon.co.uk
Secretary: Dr Jane Hancock
jane.hancock@smuht.nweStnhs.uk

British Congenital Cardiac Association (BCCA)
President: Mr John Gibbs
jgibbs@bolttblue.com
Treasurer: Dr Joseph De Giovanni
degiovanni@blueyonder.co.uk
Secretary: Dr Graham Stuart
graham.stuart@ubht.nhs.uk
Affiliated groups continued

British Society for Cardiovascular Research (BSCR)
Chairman: PROF DAVID EISNER
eisner@man.ac.uk
Treasurer: DR MICHAEL J CURTIS
michael.curtis@kcl.ac.uk
Secretary: DR BARBARA MCDERMOTT
b.mcdermott@qub.ac.uk

British Association for Cardiac Rehabilitation (BACR)
President: MRS BERNIE DOWNEY
bernie.downey@mater-ni.nhs.uk
Treasurer: MS CAROL OVER
carol.over@nch.nhs.com
Secretary: MS JUDITH EDWARDS
judith.edwards@westminster-pct.nhs.uk

British Association for Nursing in Cardiac Care (BANCC)
President: MR IAN JONES
i.jones@salford.ac.uk
President-Elect: MS JENNY TAGNEY
tagneys@blueyonder.co.uk
Treasurer: MR ALUN ROEBUCK
alun.roebuck@chs.northy.nhs.uk
Secretary: MS RACHEL MATTHEWS
rachelmatthews@yahoo.co.uk
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**British Junior Cardiologists’ Association (BJCA)**
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**Primary Care Cardiovascular Society (PCCS)**
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**British Atherosclerosis Society (BAS)**
Chairman: **PROF KEITH CHANNON**
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**Heart Care Partnership UK (HCP(UK))**
Chairman: **MR DAVID GELDARD**
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Treasurer: **MR KEN TIMMS**
wesag@ktimmis.freeserve.co.uk
Secretary: **MS ANNE JOLLY**
info@sadsuk.org
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<th>Time</th>
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<tr>
<td>09.30 – 11.00</td>
<td>The SAC meets the trainees</td>
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<tr>
<td>11.00 – 12.30</td>
<td>BCIS</td>
<td>PCI in the management of unstable coronary syndromes</td>
<td>BSH</td>
<td>Which patients with heart failure should have an ICD?</td>
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<td>12.30</td>
<td>Exhibition opens</td>
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<tr>
<td>13.30 – 15.00</td>
<td>BSE</td>
<td>Timing of surgery in valve disease</td>
<td>BSCR</td>
<td>The humble ECG</td>
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<tr>
<td>15.00 – 16.30</td>
<td>HRUK</td>
<td>How to do practical EP procedures</td>
<td>SCTS</td>
<td>Prosthetic valve endocarditis</td>
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<td>16.45 – 17.00</td>
<td>Opening by the President, Dr Nicholas Brooks</td>
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<td>17.00 – 18.00</td>
<td>Walter Somerville Lecture</td>
<td>Prof Morris Brown From specific to general: what monogenic syndromes have taught us about causes and treatment of hypertension</td>
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<td>18.30 – 20.00</td>
<td>Sponsored Symposium</td>
<td>Sanofi-Aventis Unravelling cardiometabolic risk</td>
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Which patients with heart failure should have an ICD?

Sponsored Symposium
Sanofi-Aventis
Unravelling cardiometabolic risk
Programme

Exhibition Hall, SECC
08.30-18.00

Registration

Lomond
09.30-11.00

The SAC meets the trainees
Introduction
Prof Stuart Cobb and Dr Peter Mills

Results of the knowledge based assessment
Dr Anthony Mourant

Women in cardiology
Dr Jane Flint

The basic curriculum in cardiology
Dr James Hall

Audience and panel discussion

Lomond
11.00-12.30

Teach-in
British Cardiovascular Intervention Society (BCIS)
PCI in the management of unstable coronary syndromes
Chair: Dr Keith Oldroyd and Dr Neal Uren
Panel: Prof Keith Fox
Dr Mark Francis
Dr James Nolan
Prof Stuart Pringle

Topics: Adjunctive pharmacotherapy
Identification of patients likely to benefit from early intervention
Vulnerable plaque
Culprit lesion PCI vs complete revascularisation

Trainee's day Monday 24 April
Alsh

Teach-in

British Society for Heart Failure (BSH)
Which patients with heart failure should have an ICD?
CHAIR: Dr John Cleland and Dr Derek Connolly
Contrasting ESC and US guidelines
PROF JOHN CAMM
Cost-effectiveness and NICE guidelines
PROF NICHOLAS FREEMANTLE
Evidence for ICD in the presence or absence of dyssynchrony
DR FRANCISCO LEYVA
What should patients be told?
DOROTHY FRIZELLE
Panel discussion: What needs to be done to ensure effective deployment of ICDs

Exhibition Opens

Lomond

Teach-in

British Society of Echocardiography (BSE)
Timing of surgery in valve disease
CHAIR: Dr Nauroz Masani
Aortic regurgitation
DR TIMOTHY IRVINE
Non-ischaemic mitral regurgitation
DR DEREK CHIN
Low gradient, low flow aortic stenosis
DR RICHARD STEEKS

Panel discussion: What needs to be done to ensure effective deployment of ICDs

Panel discussion: What needs to be done to ensure effective deployment of ICDs
Programme

Alsh
Teach-in
British Society for Cardiovascular Research (BSCR)

The humble ECG
CHAIR: DR DEREK CONNELLY AND PROF MICHAEL MARBER

Cellular basis of the ECG
PROF DAVID EISNER

Patterns in suspected ACS that will impress on CCU
PROF JENNIFER ADGEY

Patterns in patients with palpitations that will impress in outpatients
PROF JOHN CAMM

Lomond
15.00-16.30
Teach-in
Heart Rhythm UK (HRUK)

How to do practical EP procedures
CHAIR: DR MICHAEL GAMMAGE

How to implant a pacemaker
DR NICHOLAS LINKER

How to pace the left ventricle
DR VINCE PAUL

How to do a diagnostic electrophysiological study
DR FRANCIS MURGATROYD

Alsh
15.00-16.30
Teach-in
Society of Cardiothoracic Surgeons (SCTS)

Prosthetic valve endocarditis
CHAIR: MR GRAHAM COOPER AND DR PETER MILLS

Bacteriology of prostatic valve endocarditis
DR KATE GOULD

When to operate
MR BRIAN FABRI

Surgery for prostatic valve endocarditis
MR JOHN WALLIS

Audience and panel discussion
Lomond 16.45-17.00
Formal opening of the scientific sessions by the President
DR NICHOLAS H BROOKS

Lomond 17.00-18.00
Walter Somerville Lecture
Supported by the Joy Edelman Legacy
PROF MORRIS BROWN
From specific to general: what monogenic syndromes have taught us about causes and treatment of hypertension
INTRODUCED BY DR NICHOLAS BROOKS; THANKED BY PROF JOHN DEANFIELD

Alsh 18.30-20.00
Sponsored symposium
Sponsored by Sanofi-Aventis
Unravelling cardiometabolic risk
CHAIR: DR DAVID LINDSAY
Visceral fat - a new target for cardiometabolic risk management?
DR DAVID LINDSAY
Exploring risk management
DR JULIAN HALCOX
Cardiovascular complications of visceral fat - a review
DR HENRY PURCELL
Emerging therapeutic strategies for cardiometabolic risk management
DR MIKE FEHER
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<td>What happens after the interventionist has left the building?</td>
<td>Mitral valve disease</td>
<td>Rehabilitation for heart failure from LDL to HDL</td>
<td>Update on lipids from LDL to HDL</td>
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<td>Innovation, intervention, information - the legacy of Tony Rickards</td>
<td>Assessment of coronary artery disease in diabetes</td>
<td>Key steps in the management of heart failure in primary care</td>
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<td>Prof William McKenna</td>
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**BAS/BSCR**
Update on lipids: from LDL to HDL

**HCP(UK)**
Developments in patient empowerment

**How to**
How to run an effective cardiac network
How to work ethically with the pharmaceutical industry

**N**

**BCCA/HRUK**

**PCCS/BHS**
Renal disease and CVD risk – is there a link?
Exhibition Hall, SECC

Registration

Clyde

British Cardiovascular Intervention Society (BCIS)

What happens after the interventionist has left the building?

CHAIR: Dr Kevin Channer and Dr Peter Ludman

Routine enzyme measurement PCI – what is the point?
Dr Rodney Stables

Anti-platelet therapy post PCI – what and for how long?
Dr Anthony Gershlick

Follow up post PCI – angiographic, systemic or ‘wait and see’?
Dr Farzin Fath-Ordoubadi

Secondary prevention post PCI – update of combination therapies
Dr Nicholas Curzen

Lomond

British Society of Echocardiography(BSE)/Society of Cardiothoracic Surgeons (SCTS)

Mitral valve disease

CHAIR: Dr John Chambers

Echocardiographic assessment of the mitral valve
Dr Navroz Masani

Techniques of repair
Dr Christopher Munsch

Mitral repair in the presence of reduced LV function
Mr Benjamin Bridgewater

Standards for centres offering repair: are they justified?
Dr Simon Ray

Audience and panel discussion
Forth 09.00-10.30
British Association for Cardiac Rehabilitation (BACR)/British Society for Heart Failure (BSH)
Rehabilitation for heart failure: a systematic review
CHAIR: PROF MARTIN COWIE AND DR MALCOLM WALKER
Lifestyle advice: evidence or opinion-based
DR ROBERT LEWIN
Secondary pharmacological prevention of coronary events in patients with heart failure – both safe and effective?
PROF JOHN MCMURRAY
Exercise rehabilitation
MS FIONA LOUGH
Psychological support
DR STANTON NEWMAN
The resources required and the cost effectiveness of cardiac rehabilitation for heart failure
DR RODNEY TAYLOR

Alsh 09.00-10.30
British Atherosclerosis Society (BAS)/British Society for Cardiovascular Research (BSCR)
Update on lipids: from LDL to HDL
CHAIR: PROF KEITH CHANNON AND PROF MICHAEL MARBER
Cholesterol lowering: The weight of evidence
PROF RORY COLLINS
Maximising benefit from statins: LDL lowering and beyond
PROF JOHN DEANFIELD
HDL: Good cholesterol and more
PROF PAUL DURRINGTON
New treatments to target HDL
DR ROBIN CHOUDHURY
Programme

Exhibition Break 10.30-11.30

Clyde 11.30-13.00
Heart Rhythm UK(HRUK)/ British Cardiovascular Intervention Society (BCIS)
Innovation, intervention, information – the legacy of Tony Rickards
CHAIR: DR RAPHAEL BALCON AND DR DEREK CONNELLY

Introduction
DR EDWARD ROWLAND

Pacing services: Where’s the block?
DR JANET MCCOMB

Clinical trials in coronary intervention
DR RODNEY STABLES

From quantity to quality – clinical audit and the CCAD project
DR DAVID CUNNINGHAM

Lomond 11.30-13.00
British Nuclear Cardiology Society (BNCS)
Assessment of coronary artery disease in diabetes
CHAIR: DR MARK HARBINSON

Overview of diabetes and vascular risk
DR MILES FISHER

Coronary calcium scoring to predict risk
DR AVIJIT LAHIRI

Myocardial perfusion SPECT in the management of diabetic patients
DR ANDREW KELION

The role of echocardiography in the management of diabetic patients
DR ROXY SENOR

CPD day Tuesday 25 April
Forth 11.30-13.00

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

*Key steps in the management of heart failure in primary care*

**Chair:** Prof Richard Hobbs and Dr Iain Squire

- The first step in diagnosis: BNP, echo or both?  
  Dr Nigel Rowell

- Identifying the cause of heart failure: a key role for secondary care?  
  Dr Theresa McDonagh

- Initiation and titration of therapy: how well are we doing and who is doing it?  
  Dr David Mant

- Long-term follow-up: what to look for  
  Dr Andrew Clark

- End-of-life issues  
  Dr Catherine Urch

Alsh 11.30-13.00

**Heart Care Partnership (UK) (HCP (UK))**

*Developments in patient empowerment*

**Chair:** Dr Jane Flint and Mr David Geldard

- Patient’s role: lip service to leader  
  Mrs Carol Reilly and Mr Kenneth Timms

- Patient and public involvement in practice – lessons learned from an acute specialist NHS trust  
  Ms Rachel Matthews

- Adults with congenital heart disease: a user’s guide  
  Mr Paul Wligoss

- Your heart matters – the BHF patient held diary  
  Ms Stefane Lillie

Exhibition Break 13.00-14.30
Clyde  

**13.15-14.15**  
*How to counsel and treat relatives of a young victim of sudden cardiac death*

**Chair:** Prof William McKenna  

- Sudden death in cardiomyopathy – evaluation and counselling of families  
  **Dr Perry Elliott**  

- Sudden death in ion channel disease – evaluation and counselling of families  
  **Dr Pier Lambiase**  

**Audience and panel discussion**

Lomond  

**13.15-14.15**  
*Sponsored symposium*

**Sponsored by Servier Laboratories Ltd**  

*What if angina could be viewed from a new perspective?*

**Chair:** Prof Kim Fox  

- Stable angina in 2006: needs and opportunities in the UK  
  **Dr Ahmet Fuat**  

- What if ... there was a new approach to angina management?  
  **Prof John Camm**  

- What if... there was a new approach to angina management?  
  **Selective If inhibition in clinical practice**  
  **Prof Kim Fox**  

**Audience and panel discussion**
Forth  

**How to plan effective discharge of patients with heart failure**

**Chair:** Dr Andrew Elder  
**How the secondary care team can contribute to and facilitate optimal care in the community**  
Dr Suzanne Hardman  
**How specialist heart failure nurses can contribute to and facilitate optimal care in the community**  
Ms Kirstin Russell

Alsh  

**How to set up an adult congenital heart disease service**

**Chair:** Prof John Deanfield  
**Panel:** Dr Clive Weston, Prof Michael Gatzoulis, Dr Gruschen Velotman and Dr Catherine Carey  
**Setting up the ‘ideal’ District General Hospital Service**  
Dr Leisa Freeman  
**Setting up the ‘ideal’ Regional Referral Centre**  
Dr Catherine Head  
**Audience and panel discussion**

Boisdale  

**How to run an effective cardiac network**

**Chair:** Dr Mark Dancy  
**Why have a network – how to engage your health authority**  
Dr Rajai Ahmadi  
**Patient choice after angiography (a focussed piece of work)**  
Mr Alan Fussey  
**Future challenges of networks**  
Prof Roger Boyle
Programme

**Carron**  
13.15-14.15

**How to work ethically with the pharmaceutical industry**

Chair: Dr Peter Aitken

The NHS perspective  
Dr Peter Aitken

The industry perspective  
Dr Paul Gandhi

Audience and panel discussion

**Clyde**  
14.30-16.00

British Cardiac Society (BCS)/American College of Cardiology (ACC)/British Society of Echocardiography (BSE)

**Echocardiography in women**

Chair: Dr Nicholas Brooks and Dr Kevin Fox

Echocardiography in the pregnant mother  
Dr Gordon Williams

Echocardiography in the foetus  
Dr Helena Gardiner

The investigation of chest pain in women  
Dr Roxy Senior

**Lomond**  
14.30-16.00

British Society for Cardiovascular Research (BSCR)/British Atherosclerosis Society (BAS)/British Cardiovascular Intervention Society (BCIS)

**The use of troponin in defining AMI**

Chair: Prof Keith Channon and Prof Michael Marber

Troponin I and T: what are they and what do they do  
Prof Steven Marston

Alternative biomarkers of myocardial necrosis  
Prof Alistair Hall

The troponin-based redefinition of AMI  
Prof Keith Fox

Re-defining AMI: impact on cardiac rehabilitation services  
Dr Malcolm Walker
**Forth**  
14.30-16.00

British Society for Heart Failure (BSH)/Society of Cardiothoracic Surgeons (SCTS)

*Surgical approaches to heart failure beyond revascularisation*

**Chair:** Dr Peter Cowburn and Mr Stephen Large  
**ACORN and other novel approaches**

Prof Bruce Rosengard  

**Left ventricle reconstruction, who benefits?**

Mr Alexander Cale  

**Haemodynamic support for the left ventricle**

Mr Stephen Westaby  

**Skeletal muscle myoblast therapy**

Prof William McKenna

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**Alsh**  
14.30-16.00

British Congenital Cardiac Association (BCCA)/Heart Rhythm UK (HRUK)

*Ebstein's anomaly*

**Chair:** Mr William Brawn and Dr Derek Connelly  

**Aetiology, embryology and morphology**

Dr Joseph Vettucattil  

**Diagnosis and management in the foetus and child**

Dr John Simpson  

**Diagnosis and management in the adult**

Dr Paul Clift  

**Role of the interventional electrophysiologist**

Dr Wyn Davies  

**Surgical management of Ebstein's anomaly**

Prof Sylvain Chauvel  

**Management of post-operative arrhythmias**

Prof Richard Schilling
Boisdale  14.30-16.00

Primary Care Cardiovascular Society (PCCS)/British Hypertension Society (BHS)
Renal disease and CVD risk – is there a link?
CHAIR: DR TERENCE MCCORMACK

What do cardiologists (and GPs) need to know about chronic kidney disease (CKD)?
DR DONAL O’DONOGHUE

What role does CKD play in the new guidelines on CVD risk reduction?
DR MARK DAVIS

Do BP lowering therapies improve renal function or make things worse?
DR DAVID TAUBE

Exhibition Break  16.00-17.00

Clyde  17.00-18.00

Michael Davies Lecture
Sudden death in the young
PROF WILLIAM MCKENNA
INTRODUCED BY DR PETER MILLS; THANKED BY PROF DAVID CROSSMAN

Clyde  18.30-20.00

Sponsored symposium
Supported by an educational grant from Sanofi-Aventis and Bristol Myers Squibb
Effects of long-term combined clopidogrel and aspirin: results of the CHARISMA study
CHAIR: DR MARCUS FLATHER AND PROF KEITH FOX

Rationale and design of CHARISMA
DR MARCUS FLATHER

Main results
PROF PETER BERGER

Interpretation and clinical impact
PROF KEITH FOX AND DR ANTHONY GERSHICK
Lomond  

Sponsored symposium  
Sponsored by Astrazeneca  

*Cholesterol management in the dock*

UK clinicians are charged as being guilty of pursuing tick box medicine in the management of dyslipidaemia at the expense of the patient

**Judge:** Prof Neil Poulter

**Prosecution Team**  
Counsel  
Dr Clive Weston  
Witness  
Dr John Reckless

**Defence Team**  
Counsel  
Dr Maurice Buchalter  
Witness  
Professor Kevin Channer

**Topics**  
Introduction to charge/hearing by judge  
Opening remarks by both counsels  
Case for the prosecution and cross examination of witness  
Case for the defence and cross examination of witness  
Judge/jury examination of counsels and witnesses  
Summing up by both counsel  
Jury verdict
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<td>Clyde</td>
<td>BCS/ESC ST elevation MI - prehospital care: what to do and when to do it</td>
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<td>BCIS/SCTS Valvular heart disease: a multi-disciplinary approach</td>
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<td>SCST  Joint Session Multi-modality imaging in heart failure</td>
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<td>BCIS</td>
<td>Workshop Decision making in multi-vessel coronary artery disease</td>
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<td>SCST Young Research Workers’ Prize</td>
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<td>Sponsored Symposium Sanofi-aventis Microalbuminuria in cardiology – who cares!</td>
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<td>SCST How to perform transradial procedures</td>
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<td>14.00 – 15.30</td>
<td>Debate</td>
<td>Cardiac services are most effective if they serve a population of no less than 500,000</td>
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<td>BHF Pre and post conditioning: protecting the heart from injury</td>
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<td>Thomas Lewis Lecture</td>
<td>Dr Robert Califf: Improving clinical outcomes through a cycle of quality, local and global perspectives</td>
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<td>British Cardiac Society AGM (members only)</td>
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<td>Multi-modality imaging in heart failure</td>
<td>1-7</td>
<td>Paediatrics and adult congenital heart disease 8-16</td>
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<td>Young Research Workers’ Prize</td>
<td>Cardiac surgery 1 53-59</td>
<td>Cardiomyopathy and pericardial disease 60-66</td>
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**How to perform transradial procedures**
Exhibition Hall, SECC 07.30-18.00

Registration

Clyde 08.30-10.00

British Cardiac Society (BCS)/European Society of Cardiology (ESC)

ST Elevation MI – pre-hospital care: what to do and when to do it
CHAIR: DR NICHOLAS BOON AND PROF KIM FOX
The paramedics’ role – resuscitation, diagnosis and drug therapy
PROF STUART COBBIE
The choice of reperfusion and adjuvant therapy: an integrative approach
PROF FRANS VAN DE WERF
How to change your system of care: lessons from Norway
PROF JAN-ERIC NORDREHAUG
What is the best service model for the UK?
A PANEL DISCUSSION: SPEAKERS PLUS DR ROGER BOYLE AND DR DAVID SMITH

Lomond 08.30-10.00

British Association for Nursing in Cardiac Care (BANCC)

Cardiac care – policy and practice
CHAIR: MR ROGER GAMON AND MR IAN JONES
Welcome
MR IAN JONES
National standards: do they make a difference to patient care?
MS MARY CURRIE
The changing nature of acute coronary syndrome – what does it mean for future policy and practice?
DR MARCUS FLATHER
Audience and panel discussion
Hall 1 08.30-10.00

British Cardiovascular Intervention Society (BCIS)/Society of Cardiothoracic Surgeons (SCTS)

Valvular heart disease: a multidisciplinary approach?
CHAIR: PROF SIR BRUCE KEOGH AND DR JAMES MCLENACHAN

Mitral valve: what percutaneous intervention offers
DR STUART SHAW

Mitral valve: what surgery offers
MR FRANCIS WELLS

Aortic valve: what percutaneous intervention offers
DR MARTYN THOMAS

Aortic valve: what surgery offers
MR CHRISTOPHER BLAUTH

Forth 08.30-10.00

Society for Cardiological Science and Technology (SCST)

Registration and AGM

Alsh 08.30-10.00

Joint Session

Multi-modality imaging in heart failure
CHAIR: DR JOHN CHAMBERS AND PROF HENRY DARGIE

Everything that is necessary can be done by echo
DR JAMIL MAYET

The extra essential information that nuclear cardiology provides
PROF RICHARD UNDERWOOD

The extra essential information that CMR provides
DR SANJAY PRASAD

The extra essential information that CT angiography provides
DR CARL ROOBOTTOM

Most patients with heart failure should have a cardiac cath
PROF ADAM TIMMS
Interventional cardiology and acute coronary syndromes 1

Chair: Dr Keith Dawkins and Dr Julian Gunn

State of the art: Pressure wire usage in acute coronary syndromes
Dr Keith Oldroyd

001
Coronary flow reserve is a poor marker of coronary microvascular response
MELIKIAN, N; THOMAS, M; KEARNEY, M; DE BRUYNE, B; SHAN, A; MACARTHY, P

002
Pressure wire assessment of coronary artery lesions – is maximal hyperaemia always necessary?
CONWAY, D; TOWNLEY, R

003
Rapid assessment of coronary endothelial function using an intracoronary pressure wire
MELIKIAN, N; THOMAS, M; KEARNEY, M; DE BRUYNE, B; SHAN, A; MACARTHY, P

004
Facilitation with abciximab compensates for delays in transfer for primary percutaneous intervention (PCI)
SMITH, E; JAN, A; DE PALMA, R; KEEBLE, T; PRESTON, M; MATHUR, A; KNIGHT, C; ROTHMAN, M

005
Addition of clopidogrel to aspirin following acute coronary syndrome is not associated with long-term survival benefit
BAILEY, K; VISwanathan, K; ARTIS, N; MORRELL, C; DAS, R; KLculler, N; BARTH, J; HALL, A

All Abstracts Titles are printed as submitted
THE SYNERGISTIC EFFECT OF THE ADDITION OF CLOPIDOGREL TO ASPIRIN IN REDUCING FUNCTIONAL ASPIRIN RESISTANCE IN PATIENTS UNDERGOING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION

Bhattacharyya, S; Riddell, A; Rakhit, R
Royal Free Hospital, London, United Kingdom

REPERFUSION DAMAGE PREVENTION BY LOCO REGIONAL ABCIXIMAB DURING PRIMARY PCI

Baglin, B
IsMeTT, University of Pittsburgh Medical Center, Palermo, Italy

DISSECTING THE GENETICS OF HEART DEVELOPMENT USING ENU MUTAGENESIS AND MAGNETIC RESONANCE IMAGING (MRI)

Pieles, G; Szumiska, D; Franklyn, A; Norris, D; Schneider, J; Bhattacharya, S
University of Oxford, WTCHG, Oxford, United Kingdom

INTRAEMBRYONIC CITED2 IS NECESSARY FOR NORMAL CARDIAC DEVELOPMENT AND LEFT-RIGHT PATTERNING

MacDonald, S; Bamforth, S; Farthing, C; Schneider, J; Broadbent, C; Franklyn, A; Bhattacharya, S
Department of Cardiovascular Medicine, University of Oxford, Oxford, United Kingdom

CITED2 HAPLOINSUFFICIENCY IS ASSOCIATED WITH CONGENITAL HEART DEFECTS IN MOUSE AND MAN: INTRODUCING THE GO-CHD STUDY

Bentham, J; Bamforth, S; Braganca, J; Carballo, S; Michell, A; Biski, M; Broadbent, C; Farthing, C; Franklyn, A; Schneider, J; Advani, S; Devriendt, K; Keapney, B; Goodship, J; Scambler, P; Watkins, H; Bhattacharya, S

1Department of Cardiovascular Medicine, University of Oxford, Oxford, United Kingdom; 2Department of Paediatric Cardiology, John Radcliffe Hospital, Oxford, United Kingdom; 3Centrum Menselijke Erfelijkheid, Herestraat, Germany; 4Institute of Human Genetics, Newcastle-upon-Tyne, United Kingdom; 5Institute of Child Health, University College London, United Kingdom
011
EFFECT OF CHRONIC AFTERLOAD INCREASE ON LV MYOCARDIAL FUNCTION IN PATIENTS WITH CONGENITAL LEFT SIDED OBSTRUCTIVE LESIONS: DOES DISTANCE MATTER?
LAM, Y; KAYA, M; LI, W; GÖRTERKIN, O; GATZOULIS, M; HENEIN, M
Royal Brompton Hospital, London, United Kingdom

012
A VERY HIGH PREVALENCE OF PATENT FORAMEN OVALE IN PATIENTS WITH VARICOSE VEINS
VELUPANDIAN, U; RAIU, B; MORRIS, J; RAY, S; McCOLLUM, C
1University of Manchester, Manchester, United Kingdom; 2South Manchester University Hospitals NHS, Manchester, United Kingdom

013
QRS DURATION AND ITS RELATIONSHIP TO RIGHT VENTRICULAR MECHANICAL ASYNCHRONY IN ADULT PATIENTS AFTER REPAIR OF TETRALOGY OF FALLOT
UEBING, A; BABU-NARAYAN, S; DILLER, G; GÖRTERKIN, O; HENEIN, M; GIBSON, D; GATZOULIS, M; LI, W
Royal Brompton Hospital, London, United Kingdom

014
SYSTEM BLOOD PRESSURE, LEFT VENTRICULAR MASS AND FUNCTION AFTER SUCCESSFUL ENDOVASCULAR STENTING OF AORTIC COARCTATION
LAM, Y; KAYA, M; HENEIN, M
Royal Brompton Hospital, London, United Kingdom

015
PERCUTANEOUS CLOSURE OF BAFFLE LEAKS IN ADULT PATIENTS WITH MUSTARD OR SENNING REPAIRS FOR TRANSPOSITION OF THE GREAT ARTERIES: EARLY EXPERIENCE
ENGLISH, K; THOMSON, J; GIBBS, J; BLACKBURN, M
Yorkshire Heart Centre, Leeds, United Kingdom

016
CARDIOLOGY SERVICES FOR ADULTS WITH CONGENITAL HEART DISEASE: SECONDARY CARE CARDIOLOGISTS CALL FOR MORE SPECIALIST SUPPORT
WILKINS, L; SETHI, S
1Stockport NHS Foundation Trust, Stockport, United Kingdom; 2Cumbria and Lancashire Specialist Commissioning Team, Preston, United Kingdom
Dochart 1  08.30-10.00

Abstracts

Audit, guidelines and epidemiology  1

CHAIR: DR CHARLES KNIGHT AND DR CLIVE WESTON

STATE OF THE ART: CORONARY ARTERY DISEASE IN ASIANS: WHAT WE KNOW AND WHAT WE DON’T KNOW
PROF NILESH SAMANI

017

THE AGE AND GENDER RELATED PREVALENCE OF THE METABOLIC SYNDROME AMONGST UK INDIAN ASIANS AND EUROPEAN WHITES – FIRST RESULTS FROM THE LONDON LIFE SCIENCES POPULATION (LOLIPOP) STUDY

CHAMBERS, J; LIM, E; JAIN, P; SINGH, D; ELLIOTT, P; KOONER, J

‘Department of Epidemiology and Public Health, Imperial College, London, United Kingdom; ‘Ealing Hospital, London, United Kingdom; ‘NHLI, Hammersmith Hospital, Imperial College, London, United Kingdom

018

INVESTIGATION OF CARDIOVASCULAR RISK FACTORS AMONGST UK INDIAN ASIANS AND EUROPEAN WHITES – THE LONDON LIFE SCIENCES POPULATION (LOLIPOP) STUDY

CHAMBERS, J; LIM, E; SINGH, D; JAIN, P; ELLIOTT, P; KOONER, J

‘Department of Epidemiology and Public Health, Imperial College, London, United Kingdom; ‘Ealing Hospital, London, United Kingdom; ‘NHLI, Hammersmith Hospital, Imperial College, London, United Kingdom

019

CHRONIC KIDNEY DISEASE AS A CARDIOVASCULAR RISK FACTOR IN UK INDIAN ASIANS COMPARED TO UK NORTHERN EUROPEANS: THE LONDON LIFE SCIENCES PROSPECTIVE POPULATION STUDY (LOLIPOP)

LIM, E; LIGHTSTONE, L; CHAMBERS, J; RODERICK, P; MULLEE, M; KOONER, J

‘Imperial College, London, United Kingdom; ‘Renal Section, Imperial College, London, United Kingdom; ‘Applied Clinical Epidemiology Group, University of Southampton, Southampton, United Kingdom

020

METABOLIC SYNDROME IS INDEPENDENTLY ASSOCIATED WITH SUBCLINICAL LEFT VENTRICULAR DYSFUNCTION IN ASYMPTOMATIC NORTHERN EUROPEANS AND INDIAN ASIANS AGED 35 TO 75: A GENERAL POPULATION STUDY

LIM, T; LIM, E; KOONER, J; SENIOR, R

‘Northwick Park Hospital, Harrow, United Kingdom; ‘Ealing Hospital, London, United Kingdom
021
COMMON CAROTID INTIMA-MEDIA THICKNESS CORRELATES WITH FRAMINGHAM RISK SCORE EQUALLY IN ASYMPTOMATIC NORTHERN EUROPEANS AND INDIAN ASIANS
Lim, T; Lim, E; Kooner, J; Senior, R
‘Northwick Park Hospital, Harrow, United Kingdom; ‘Ealing Hospital, London, United Kingdom

022
COUNCIL TAX BAND IS MORE SENSITIVE THAN INDEX OF MULTIPLE DEPRIVATION IN PREDICTING INCIDENCE OF CORONARY HEART DISEASE IN A DEPRIVED COMMUNITY
Findlay, I; Cunningham, A; Kwakczyn, C; Garman, E; Docherty, P; Flood, M; Naper, C
‘Royal Alexandra Hospital, Paisley, United Kingdom; ‘Have a Heart Paisley, Paisley, United Kingdom; ‘Argyll and Clyde Health Board, Paisley, United Kingdom

023
DO HOSPITAL ADMISSIONS FOR HEART DISEASE REFLECT PREVALENCE OF DISEASE OR QUALITY OF CARE IN GENERAL PRACTICE?
Ryan, R; McManus, R
Department of Primary Care and General Practice, University of Birmingham, Birmingham, United Kingdom

Dochart 2 08.30-10.00

Abstracts
Hypertension, pulmonary hypertension and CV pharmacology
Chair: Dr Adrian Brady and Dr Mark Caulfield
State of the Art: New Treatments for Pulmonary Hypertension
Dr Andrew Peacock

024
SURVIVAL AND QUALITY OF LIFE IN CHILDREN WITH SEVERE PULMONARY HYPERTENSION
Haworth, S; Flynn, Y; Heslop, A
‘Great Ormond Street Hospital for Children/Institute of Child Health, UCL, London, United Kingdom; ‘Great Ormond Street Hospital for Children, London, United Kingdom; ‘Institute of Child Health, UCL, London, United Kingdom

025
IMPROVING SURVIVAL IN THE POPULATION WITH SCLERODERMA-ASSOCIATED PULMONARY HYPERTENSION
Bloore, D; Handler, C; Das, C; Smeed, J; Denton, C; Black, C; Coghlan, J
‘National Pulmonary Hypertension Service, Royal Free Hospital, London, United Kingdom; ‘Academic and Clinical Department of Rheumatology, Royal Free Hospital, London, United Kingdom
026

STATINS MODULATE THE GROWTH OF HUMAN PULMONARY SMOOTH MUSCLE CELLS THROUGH THE MEVALONATE PATHWAY

Ali, O; Groomcott, E; Wharton, J; Wilkins, M

Imperial College London, London, United Kingdom

027

NON-INVASIVE ASSESSMENT OF PULMONARY ARTERY PULSATILITY IN IDIOPATHIC PULMONARY HYPERTENSION WITH CARDIAC MAGNETIC RESONANCE

Strange, J; Westwood, M; Mohajedin, R; Gibbs, J

1 The London Chest, London, United Kingdom; 2 The Heart Hospital, London, United Kingdom; 3 The Royal Brompton, London, United Kingdom; 4 Hammersmith Hospital, London, United Kingdom

028

CHARACTERISATION OF THE VASODILATORY ACTION OF TESTOSTERONE IN THE HUMAN PULMONARY CIRCULATION

Smith, A; Bennett, R; Jones, T; Cowen, M; Channer, K; Jones, R

1 Royal Hallamshire Hospital, Sheffield, United Kingdom; 2 Castle Hill Hospital, Hull, United Kingdom; 3 Barnsley District General Hospital, Barnsley, United Kingdom; 4 University of Sheffield, Sheffield, United Kingdom

029

REDUCTION IN CARDIOVASCULAR RISK FACTORS CAN BE ACHIEVED WITH A STRUCTURED, MULTIDISCIPLINARY WEIGHT LOSS PROGRAMME COMBINING DIET, EXERCISE AND ORLISTAT (XENICAL®) IN PATIENTS WITH CHRONIC KIDNEY DISEASE

Macleod, H; Cook, S; Karimnawasam, D; Holesgrove, M; Newell, G; MacDougall, I

1 Department of Nutrition and Dietetics, King’s College Hospital, London, United Kingdom; 2 Department of Physiotherapy, King’s College Hospital, London, United Kingdom; 3 Department of Renal Medicine, King’s College Hospital, London, United Kingdom

030

SELECTIVE IF INHIBITION WITH IVABRADINE IS A NOVEL AND EFFECTIVE APPROACH TO REDUCE HEART RATE IN DIABETIC PATIENTS WITH STABLE ANGINA

Doig, J; Fox, K; Borer, J; Ruzylo, W; Barton, J

1 North Tyneside General Hospital, North Shields, United Kingdom; 2 Royal Brompton National Heart and Lung Hospital, London, United Kingdom; 3 New York Presbyterian Hospital, New York, United States; 4 National Institute of Cardiology, Warsaw, Poland; 5 Portiuncula Hospital, Ballinasloe, United Kingdom
Gala  

**Abstracts**

*Arrhythmia and EPS, and pacing and anti-arrhythmic devices* 1

**Chair:** Dr Neil Davidson and Prof Richard Sutton  
**State of the art: what is the risk of being in AF?**  
Prof Gregory Lip

031

*Spectral Analysis of Atrial Fibrillation Using Noncontact Mapping to Study the Impact of Circumferential Ablation*

Jarmar, J; Wong, T; Sopher, H; Koscodioz, P; Davies, J; Francis, D; Davies, D; Markides, V; Peters, N  
St Mary's Hospital & Imperial College, London, United Kingdom

032

*The First UK District General Hospital Experience of a ‘One Stop’ Rapid Access Atrial Fibrillation Service*

Keeble, T; Sevant, D; Marshall, D; Mazhar, S; Nageh, T; Kelly, P; Khokar, A  
Southend General Hospital, Southend, United Kingdom

033

*Do Repeat Cardioversions Increase Long-Term Maintenance of Sinus Rhythm in Patients with Atrial Tachyarrhythmias?*

Arya, A; Silverbauer, J; Arif, F; Sulke, N  
Eastbourne General Hospital, Eastbourne, United Kingdom

034

*The Impact of CT Image Integration into an Electroanatomic Mapping System on Clinical Outcomes of Catheter Ablation of Atrial Fibrillation*

Rajappan, K; Kestler, P; Earley, M; Harris, S; Abrams, D; Gupta, D; Jahangir, M; Ellis, S; Sporton, S; Schelling, R  
1The Department of Cardiology, St Bartholomew’s Hospital and Queen Mary University, London, United Kingdom; 2The Department of Radiology, St Bartholomew’s Hospital and Queen Mary University, London, United Kingdom

035

*Internal Cardioversion of Atrial Fibrillation Using a Novel Biphasic Waveform from a Radiofrequency Powered Defibrillator*

Glover, B; Roberts, M; Anderson, J; Adgey, A  
1Royal Victoria Hospital, Belfast, United Kingdom; 2Royal Victoria Hospital, Grosvenor Road, Belfast, United Kingdom
VALIDATION OF 3-DIMENSIONAL CARDIAC IMAGE INTEGRATION: USE OF INTEGRATED CT IMAGE INTO ELECTROANATOMIC MAPPING SYSTEM TO PERFORM CATHETER ABLATION OF ATRIAL FIBRILLATION

RAJAPPAN, K; KISTLER, P; EARLEY, M; HARRIS, S; ABRAMS, D; GUPTA, D; JAHNGIR, M; ELLE, S; SPORTON, S; SCHILLING, R

1The Department Of Cardiology, St Bartholomew’s Hospital and Queen Mary University, London, United Kingdom; 2The Department Of Radiology, St Bartholomew’s Hospital and Queen Mary University, London, United Kingdom

DO SYMPTOMS PREDICT ATRIAL FIBRILLATION EPISODES IN PAF PATIENTS?

VEASEY, R; SILBERBAUER, J; VRAHIMIDES, J; AYIA, A; TAGGOU, W; PAUL, V; SUKIE, A

1Eastbourne District General Hospital, Eastbourne, United Kingdom; 2St Peter’s Hospital, Chertsey, United Kingdom

Leven ◆

08.30-10.00

Abstracts

Heart Failure 1

CHAIR: DR THERESA MCDONAGH AND DR SIMON WILLIAMS

STATE OF THE ART: ANAEMIA OF HEART FAILURE

DR STEPHEN ANKER

RELATIONSHIP BETWEEN ANAEMIA AND QUALITY OF LIFE IN PATIENTS WITH HEART FAILURE

TIN, L; NABB, S; GOODE, K; LOH, H; WINDRAM, J; VILJANEN, P; SHELTON, R; CLELAND, J

University of Hull, Hull, United Kingdom

BETA-BLOCKER THERAPY IS ASSOCIATED WITH IMPROVEMENT OF RENAL FUNCTION AND ANAEMIA IN PATIENTS WITH HEART FAILURE

KHAN, W; DEEPAK, S; BORSI, A; COPPRENGER, T; WAYWELL, C; HARPER, L; WILLIAMS, S; BROOKS, N

1South Manchester University Hospital NHS Trust, Manchester, United Kingdom; 2South Manchester University Hospital NHS Trust, Manchester, United Kingdom
040

ANAEMIA OF UNKNOWN ORIGIN IN CHRONIC HEART FAILURE IS A CONSEQUENCE OF IMMUNE-MEDIATED SUPPRESSION OF ERYTHROID COLONY FORMATION AND ERYTHROPOIETIN RESISTANCE

OKONKO, D¹; MARLEY, S²; GORDON, M¹; POOLE-WILSON, P¹

¹Clinical Cardiology, NHLI, Imperial College & Royal Brompton Hospital, London, United Kingdom; ²Haematology Department, LRF Center for Adult Leukaemia, Hammersmith Hospital, Imperial College, London, United Kingdom

041

BOTH STATIN USE AND AN ELEVATED CHOLESTEROL CONFER A PROGNOSTIC BENEFIT IN PATIENTS WITH HEART FAILURE

WINDRAM, J; LOH, P; TIN, L; RIGBY, A; CLARK, A; CLELAND, J
Hull Royal Infirmary, Hull, United Kingdom

042

THE INCREASED INFLAMMATORY RESPONSE SEEN IN HEART FAILURE IS RELATED TO THE SEVERITY OF TRICUSPID REGURGITATION RATHER THAN THE SEVERITY OF LV IMPAIRMENT

WINDRAM, J; TIN, L; LOH, P; RIGBY, A; CLARK, A; CLELAND, J
Hull Royal Infirmary, Hull, United Kingdom

043

PATIENTS WITH CHRONIC HEART FAILURE HAVE REDUCED FOOD INTAKE AND POORER NUTRITIONAL INTAKE COMPARED WITH HEALTHY VOLUNTEERS

HUGHES, C¹; MC GARTLAND, C²; CRAN, G²; ROBERTS, M¹; NICHOLLS, D¹; MCKEOWN, P²
¹Royal Victoria Hospital, Belfast, United Kingdom; ²Queen’s University, Belfast, United Kingdom

044

ELEVATED GLYCATED HAEMOGLOBIN IS A STRONG PREDICTOR OF MORTALITY IN PATIENTS WITH SUSPECTED HEART FAILURE

JOHN, J; GOODE, K; RIGBY, A; REDDY, P; CLARK, A; CLELAND, J
Castle Hill Hospital, Hull, United Kingdom

Exhibition Break 10.00-10.30
Clyde  

**British Cardiovascular Intervention Society (BCIS)**
*Meet the experts. Decision making in multi-vessel coronary artery disease*

**Chair:** Dr Martyn Thomas

**Angio panel**
- Dr Neal Uren
- Dr Adrian Banning
- Dr Adam de Belder
- Dr Olaf Wendler

Lomond  

**British Association for Nursing in Cardiac Care (BANCC)**

**Abstracts**

**Chair:** Dr Karen Smith and Mrs Jenny Tagney

**045**

**PARAMEDICS’ PERCEPTIONS OF THEIR ROLE IN PROVIDING THROMBOLYTIC TREATMENT IN ACUTE MYOCARDIAL INFARCTION: QUALITATIVE STUDY**

Cox, H; Albarran, J; Quinn, T; Shears, K
‘University of the West of England, Bristol, United Kingdom; ’Coventry University, Coventry, United Kingdom; ’Wiltshire Ambulance Service NHS Trust, Chippenham, United Kingdom

**046**

**CLIENT-CENTRED RISK FACTOR INTERVENTION IN FIRST DEGREE RELATIVES OF PATIENTS WITH PREMATURE MYOCARDIAL INFARCTION**

Oliver, J; Farrer, M
Sunderland Royal Hospital, Sunderland, United Kingdom

**047**

**EUROACTION: A CARDIOVASCULAR PREVENTION AND REHABILITATION PROGRAMME**

Jennings, C; Mead, A; Jones, J; Holdren, A; Kotseva, K; Connolly, S; Wood, D
Imperial College, London, United Kingdom

**048**

**IMPACT OF EARLY HEALTH EDUCATION AND RISK FACTOR ADVICE FOR PATIENTS WITH UNSTABLE ANGINA**

Roche, K; Godfellow, J; Jones, C; West, R
‘Princess of Wales Hospital, Bro Morgannwg NHS Trust, Bridgend, United Kingdom; ’Wales Heart Research Institute, Cardiff, United Kingdom
049
HEART FAILURE AND PALLIATIVE CARE – THE DIFFERENCES IN ASSESSMENT OF HEART failure patients
RAHMAN, N; O’HANLIN, D; McCARTHY, D; SEGAL, D; GIBBS, J
1Hammersmith Hospitals NHS Trust, London, United Kingdom; 2Trinity Hospice, London, United Kingdom

050
PATIENTS WITH NON-CARDIAC CHEST PAIN – HOW A SIMPLE INTERVENTION MAY HELP
LENNON, T; MACDERMOTT, A; PHELPS, D; ADAMS, P; BAKER, C; HAOI, I
Royal Victoria Infirmary, Newcastle upon Tyne, United Kingdom

051
A DISTRICT GENERAL HOSPITAL’S EXPERIENCE OF IMPLEMENTATION OF THE NSF, CHAPTER 8, ARRHYTHMIA AND SUDDEN CARDIAC DEATH: THE FIRST TWO YEARS’ EXPERIENCE OF AN INNOVATIVE NURSE-LED RAPID ACCESS ATRIAL FIBRILLATION CLINIC
SEVANT, D
Southend Hospital, Southend, United Kingdom

052
NURSE-LED PRESCRIPTION OF LOW MOLECULAR WEIGHT Heparins FOR ACUTE CORONARY SYNDROMES IMPROVES SAFETY
HUDSMITH, L; HODAR, S; BULL, S; CHAHAL, N; BRUNTON, M; McKINNA, C; ORR, W
1Department of Cardiovascular Medicine, The John Radcliffe Hospital, Oxford, United Kingdom; 2Department of Cardiology, The Royal Berkshire Hospital, Reading, United Kingdom

Hall 1  10.30-12.30
British Society of Echocardiography (BSE)
Assessment of aortic regurgitation
Chair: DR JOHN CHAMBERS AND DR ANTONETTE KENNY

Cases in AR (i): causes of acute and chronic AR
DR MICHAEL STEWART

Cases in AR(ii): assessing the severity of AR
DR BUSIRA RANA

Cases in AR(iii): diseases of the aortic root
DR RICHARD WHEELER
Forth 10.30-12.30

Society for Cardiological Science and Technology (SCST)

Research reports and case studies

Chair: Ms Lynne Ferguson

The prognostic value of pre-discharge exercise testing in survivors of non-ST segment infarctions

Mrs Virginia Anderson

Once in a blue moon shunts – two echo case studies

Ms Manula Sreedharan

Is there an observable, quantifiable relationship between coronary stenosis identified by coronary angiography and myocardial perfusion as determined by nuclear medicine imaging?

Ms Helen Stidwell

Professional issues

Consultant roles within healthcare science

Ms Gill Wharton

A cardiac physiologist led TOE service

Mrs Elaine Graham

Alsh 10.30-12.00

Young Research Workers’ Prize

Chair: Prof Barbara Casadei

Judges

- Prof Andrew Baker
- Prof John Cleland
- Prof Henry Dargie
- Prof Ludwig Neyes
- Prof Nilesh Samani

Finalists

- Basic Science: I Dr T Chico
- Clinical Science: V Dr Z Ali

The Zebrafish as a Novel Model of Arteriogenesis

Chico, T; Gray, C; Packham, I; Wurmsler, F; Hellewell, P; Ingham, P; Crossman, D

University of Sheffield, Sheffield, United Kingdom
II
THE SURVIVAL KINASES AKT AND ERK1/2 AND THE MITOCHONDRIAL PERMEABILITY TRANSITION PORE AS A COMMON CARDIOPROTECTIVE PATHWAY
HAUSENLOY, D; YELLON, D
The Hatter Institute, University College London, London, United Kingdom

III
SKP2, A KEY PLAYER IN VSMC PROLIFERATION IN VITRO AND IN VIVO, IS A MAJOR MEDIATOR IN CYCLIC-NUCLEOTIDE-RELATED GROWTH INHIBITION
WU, Y; BOND, M; SALA-NEWBY, G; NEWBY, A
Bristol Heart Institute, Bristol, United Kingdom

IV
REMOTE ISCHAEMIC PRECONDITIONING REDUCES MYOCARDIAL INJURY AFTER ABDOMINAL AORTIC ANEURYSM REPAIR: A RANDOMIZED TRIAL
ALI, Z; CALLAGHAN, C; LIU, E; ALI, A; NOURABADI, R; KHARANDA, R; BOYLE, J; VARTY, K; DUTKA, D; GALNT, M
Addenbrookes Hospital, Cambridge, United Kingdom

V
EVIDENCE OF A DOMINANT BACKWARD-PROPAGATING ‘SUCTION’ WAVE, RESPONSIBLE FOR DIASTOLIC CORONARY FILLING IN HUMANS, ATTENUATED IN LEFT VENTRICULAR HYPERTROPHY
DAVIES, J; WHINNETT, Z; FRANCIS, D; MANSTY, C; WILSON, K; FOALE, R; MALIK, J; HUGHES, A; PARKER, K; MAYET, J
1 International Centre for Circulatory Health, Imperial College & St Mary’s Hospital, London, United Kingdom; 2 Department of Clinical Engineering, Royal Brompton Hospital, London, United Kingdom; 3 Department of Bioengineering, Physiological Flow Unit, Imperial College, London, United Kingdom

VI
A NOVEL ARRHYTHMOGENIC INDEX DERIVED FROM THE CRITICAL MASS THEORY PREDICTS OUTCOME AFTER ABLATION OF ATRIAL FIBRILLATION
KUO, D; PETERS, N; DAVIES, D; KANAGARATNAM, P
St Mary’s Hospital, Imperial College of Medicine, London, United Kingdom
Boisdale 10.30-12.00

Abstracts

Cardiac surgery, transplantation and valve disease 1

Chair: Prof Roger Hall and Mr Prakash Punjabi

State of the art: current status of off-pump surgery

Prof Gianni Angelini

053

Neurocognitive function, cerebral emboli, and S100, after on-pump and off-pump coronary artery bypass surgery: a randomised study

Motallebzadeh, R; Bland, J; Markus, H; Kaski, J; Jahangiri, M

‘Department of Cardiothoracic Surgery, St George’s Hospital Medical School, London, United Kingdom; 2Department of Health Sciences, York University, York, United Kingdom; 3Department of Clinical Neurosciences, St George’s Hospital Medical School, London, United Kingdom; 4Department of Cardiological Sciences, St George’s Hospital Medical School, London, United Kingdom

054

The association between systemic inflammation, statin therapy and saphenous vein endothelial function in patients undergoing coronary artery bypass surgery

Melikian, N; Momen, A; Wheatcroft, S; Greve, D; John, L; El Gamel, A; Marrinan, M; Desai, J; Driver, C; Sherwood, R; Shah, A; Kearney, M

‘Cardiovascular Division, King’s College School of Medicine at Guy’s King’s College and St Thomas’ Hospitals, London, London, United Kingdom; 2Cardiology Department, King’s College Hospital, London, United Kingdom; 3Department of Cardiothoracic Surgery, King’s College Hospital, London, United Kingdom; 4Department of Clinical Biochemistry, King’s College Hospital, London, United Kingdom

055

Clinical outcomes following composite arterial coronary artery bypass surgery: a single centre experience

Naffati, M; Ramsdale, D; Alahmar, A; Pullan, M; Fabri, B

The Cardiothoracic Centre, Liverpool, United Kingdom

056

The efficacy of shortening cardioplegic arrest time during combined coronary and valvular surgery

Ascione, R

Bristol Heart Institute, University of Bristol, Bristol, United Kingdom
057
POOR POSTOPERATIVE BLOOD GLUCOSE CONTROL INCREASES IN-HOSPITAL MORTALITY AND MORBIDITY FOLLOWING CARDIAC SURGERY
RAJAKARUNA, C; ROGERS, C; ANGELINI, G; ASCIONE, R
Bristol Heart Institute, University of Bristol, Bristol, United Kingdom

058
A PROSPECTIVE LONGITUDINAL EVALUATION OF THE BENEFITS OF EPICARDIAL LEAD PLACEMENT FOR CARDIAC RESYNCHRONISATION THERAPY
PATWALA, A; WOODS, P; KENDALL, J; GOLDSPINK, D; TAN, L; Oo, A; WRIGHT, D
1The Cardiothoracic Centre, Liverpool, United Kingdom; 2RISES, Liverpool John Moores University, Liverpool, United Kingdom; 3Academic Unit of Molecular Vascular Medicine, University of Leeds, LGI, Leeds, United Kingdom

059
ENDOVASCULAR REPAIR OF TYPE B AORTIC DISSECTION WITH END-ORGAN DAMAGE IS FEASIBLE IN A DISTRICT GENERAL HOSPITAL SETTING WITH A MULTIDISCIPLINARY APPROACH, AND MAY BE LIFE-SAVING
BOULLIN, J; SHEPHERD, D; WIJESINGHE, L; BUTCHER, W; PATVIN, S; SCHUSTER-BRUCE, M; RADVAN, R
Royal Bournemouth Hospital, Bournemouth, United Kingdom

Abstracts
Cardiomyopathy and pericardial disease

CHAIR: DR PERRY ELLIOTT AND DR PIER LAMBIASE

STATE OF THE ART: ABNORMAL VASCULAR RESPONSES IN HCM
PROF MICHAEL FRENNEAUX

060
GENDER SPECIFIC REGULATION OF PHYSIOLOGICAL HYPERTROPHY IN MICE IN RESPONSE TO VOLUNTARY EXERCISE
DE BONO, J; ADLAM, D; PATTON, D; CHANNON, K
1Department of Cardiovascular Medicine, University of Oxford, Oxford, United Kingdom; 2Department of Physiology, University of Oxford, Oxford, United Kingdom

061
IDENTIFICATION AND FUNCTIONAL ANALYSIS OF CARDIAC TROPONIN I AS A NOVEL DISEASE-GENE IN AUTOSOMAL DOMINANT FAMILIAL DILATED CARDIOMYOPATHY
CARRALLO, S; REDWOOD, C; ROBINSON, P; BLAIR, E; WATKINS, H
Department of Cardiovascular Medicine, University of Oxford, Oxford, United Kingdom
062

PHYSILOGIC UPPER LIMITS OF LEFT ATRIAL DIAMETER IN HIGHLY TRAINED ADOLESCENT ATHLETES

BASAVARAJAIAH, S1; MAKAN, J1; WILSON, M2; JACKSON, G1; SHARMA, S1

1University Hospital of Lewisham, Lewisham, United Kingdom; 2Olympic Medical Centre, London, United Kingdom

063

DERANGEMENT OF CARDIAC HIGH-ENERGY PHOSPHATE METABOLISM IN PATIENTS WITH LEFT VENTRICULAR NON-COMPACTION AND PRESERVED EJECTION FRACTION

PETERSEN, S1; SCHEIEMANN-FREESTONE, M1; HUDSWITH, L1; FRANCIS, J1; TYLER, D1; ROBSON, M1; ANDERSON, R1; WATKINS, H1; NEUBAUER, S1

1John Radcliffe Hospital/Department Cardiovascular Medicine/University of Oxford, Oxford, United Kingdom; 2Oxford Metabolism Research Group/Dept. Physiology/University of Oxford, Oxford, United Kingdom; 3Institute of Child Health/Cardiac Unit/University College London, London, United Kingdom

064

EVIDENCE FOR REDUCED TROPONIN I PHOSPHORYLATION AND ALTERED TROPONIN FUNCTION IN PATIENTS WITH HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY

JACQUES, A1; MESSER, A1; TSANG, V2; MCKENNA, W2; MARSTON, S3

1Royal Brompton Hospital & National Heart & Lung Institute, London, United Kingdom; 2The Heart Hospital, London, United Kingdom; 3National Heart & Lung Institute, London, United Kingdom

065

LIMITATIONS OF STANDARD TRANSTHORACIC ECHOCARDIOGRAPHY TO ASSESS CARDIOVASCULAR CONSEQUENCES OF TRANSFUSIONAL IRON OVERLOAD IN THALASSAEMIA MAJOR

NAIR, S1; TANNER, M1; GALANELLO, R1; PENNELL, D1; WALKER, J1

1University College Hospital, London, United Kingdom; 2Royal Brompton Hospital, London, United Kingdom; 3Hospital Microcittemi, Cagliari, Italy

066

OUTCOMES FOLLOWING IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR THERAPY IN CHILDREN WITH HYPERTROPHIC CARDIOMYOPATHY

KASKI, J1; TOME ESTEBAN, M1; LOWE, M1; SPORSON, S1; REES, P1; DEANFIELD, J1; MCKENNA, W1; ELLIOTT, P1

1Great Ormond Street Hospital, London, United Kingdom; 2Great Ormond Street Hospital/The Heart Hospital UCLH, London, United Kingdom


**Dochart 1**  
10.30-12.00

**Abstracts**

*Audit, guidelines and epidemiology 2*

**Chair:** Dr Kausik Ray and Prof Adam Timmis

**State of the art: Auditing national performance in management of heart attacks in the UK**  
**Prof Adam Timmis**

**067**

**Diagnostic and Therapeutic Uncertainties in Acute Coronary Syndromes with Left Bundle Branch Block - Should Reperfusion Therapy be Given to All?**

**Tomlinson, D; Betts, T; Bashir, Y**

John Radcliffe Hospital, Oxford, United Kingdom

**068**

**Managing Acute Coronary Syndromes in a District General Hospital with Interventional Facilities – A Future Model of Care?**

**Martins, J; Tapp, L; Connolly, D; Davis, R; Cadigan, P; Ahmad, R**

Sandwell and West Birmingham Hospitals NHS Trust, Birmingham, United Kingdom

**069**

**Impact of Paramedic Delivered Pre-Hospital Thrombolysis in Dorset**

**Foley, P; Winterton, S; Radivan, J; Simpson, J; McLeod, A**

1 Wessex Cardiac Centre, Southampton, United Kingdom; 2 Dorset County Hospital, Dorchester, United Kingdom; 3 Royal Bournemouth Hospital, Bournemouth, United Kingdom; 4 Poole General Hospital, Poole, United Kingdom

**070**

**Impact of Early Diabetic Treatment on Mortality of Hyperglycaemic Patients Presenting with Acute Coronary Syndromes**

**Birkey, J; Weston, C; Walker, L**

National Audit of Myocardial Infarction, London, United Kingdom
071

IMPROVEMENTS TO INTER-HOSPITAL TRANSFER TIMES FOR PATIENTS WITH ACUTE CORONARY SYNDROMES IN THE UNITED KINGDOM. RESULTS FROM THE NHS-HEART IMPROVEMENT PROGRAMME NATIONAL AUDIT

BAKHAI, A; REDFERN, K; MACHIN, S; DANCY, M; LEVY, R; LIVESAY, S; HALL, S; BOYLE, R; MURRAY, R

1Barnet & Chase Farm NHS Trust, London, United Kingdom; 2NHS Heart Improvement Programme, Leicester, United Kingdom; 3South Manchester University Hospital, Manchester, United Kingdom; 4Southampton University Hospitals NHS Trust, Southampton, United Kingdom; 5Heart of England NHS Foundation Trust, Birmingham, United Kingdom

072

CLINICAL AND BIOCHEMICAL PREDICTORS OF SIGNIFICANT CORONARY ARTERY DISEASE AND NEED FOR REVASCULARISATION IN PATIENTS WITH UNSTABLE CORONARY SYNDROMES: A REAL WORLD PERSPECTIVE

SMITH, R; ASHERSON, A; AL-OBADJI, M; AL-BUSTAMI, M; MITCHELL, A; ILSLEY, C; MASON, M

Harefield Hospital, Middlesex, United Kingdom

073

A RANDOMISED STUDY TO EVALUATE THE IMPACT OF AN EDUCATION PROGRAMME ON USE OF EVIDENCE BASED TREATMENTS IN PATIENTS WITH NON-ST ELEVATION ACUTE CORONARY SYNDROMES: PROMIS UK

BOOTH, J; DELAHUNT, N; NEWLANDS, P; NUGARA, F; BAXHAI, A; KHAN, M; FOX, K; ADGEY, J; TANEJA, A; MALICK, U; FLEATHER, M; ON BEHALF OF PROMIS UK, 1

1Royal Brompton & Harefield NHS Trust, London, United Kingdom; 2Royal Brompton & Harefield NHS Trust, London, United Kingdom; 3Barnet General Hospital, London, United Kingdom; 4St Thomas & Guys NHS Trust, London, United Kingdom; 5Royal Infirmary, Edinburgh, United Kingdom; 6Royal Victoria Hospital, Belfast, United Kingdom; 7The Heart Hospital, London, United Kingdom; 8Royal Free Hospital, London, United Kingdom
Hypertension, pulmonary hypertension and CV pharmacology 2

Chair: Prof. John Cockcroft and Dr. Simon Gibbs

State of the Art: New Treatments for Pulmonary Hypertension
Dr. Andrew Peacock

074

Non-uniformity of Regional Left Ventricular Myocardial Deformation and Geometry in Hypertension

Baltabae, A; Marciniak, M; Biren, E; Visage, E; MacGregor, G; Sutherland, G

1St George's, University of London, London, United Kingdom; 2St George's Hospital, London, United Kingdom; 3St George's Hospital, London, Virgin Island (United Kingdom)

075

The Role of Wave Reflection in the Pathophysiology of Hypertension – Assessed Using Non Invasive Wave Intensity Analysis

Manisty, C; Davies, J; Whinnett, Z; Francis, D; Zambanini, A; Cunningham, S; Thom, S; Hughes, A; Mayet, J

International Centre for Circulatory Health, Imperial College and St Mary's Hospital, London, United Kingdom

076

Changes in Regional Left Atrial Deformation in Hypertensive Patients

Baltabae, A; Marciniak, M; Biren, E; Visage, E; MacGregor, G; Sutherland, G

1St George's, University of London, London, United Kingdom; 2St George's Hospital, London, United Kingdom

077

Ethnicity and Left Ventricular Diastolic Function in Hypertension – An ASCOT Sub-study

Sharp, A; Thom, S; Francis, D; Hughes, A; Stanton, A; Zambanini, A; O'Brien, E; Lions, S; Byrd, S; Poultter, N; Sever, P; Mayet, J

1International Centre for Circulatory Health, St Mary's Hospital and Imperial College, London, United Kingdom; 2Department of Clinical Pharmacology, Royal College of Surgeons of Ireland, Dublin, Ireland
078
THE ABILITY OF TISSUE DOPPLER ECHOCARDIOGRAPHY TO PREDICT FUTURE CARDIOVASCULAR EVENTS IN A HYPERTENSIVE POPULATION - AN ASCOT SUB-STUDY
SHARP, A1; THOM, S1; FRANCIS, D2; HUGHES, A1; STANTON, A1; ZAMBANINI, A1; O’BRIEN, E1; LYONS, S1; LANG, C1; BYRE, S1; POULTER, N1; SEVER, P1; MAYET, J1
1International Centre for Circulatory Health, St Mary’s Hospital and Imperial College, London, United Kingdom; 2Department of Clinical Pharmacology, Royal College of Surgeons of Ireland, Dublin, Ireland

079
CORONARY BLOOD FLOW IS NOT AUGMENTED BY AORTIC WAVE REFLECTION – AN INVASIVE ASSESSMENT USING WAVE INTENSITY ANALYSIS
DAVIES, J1; WHINNETT, Z1; FRANCIS, D1; MANISTY, C1; WILSON, K1; FOALE, R1; MALIK, I1; HUGHES, A1; PARKER, K1; MAYET, J1
1International Centre for Circulatory Health, Imperial College & St Mary’s Hospital, London, United Kingdom; 2Department of Clinical Engineering, Royal Brompton Hospital, London, United Kingdom; 3Department of Bioengineering, Physiological Flow Unit, Imperial College, London, United Kingdom

080
LONG QT PEAK – A NOVEL ECG CRITERION FOR LEFT VENTRICULAR HYPERTROPHY
WONG, K1; MCSWIGGAN, S1; WONG, S1; GAUVIN, A1; MACWALTER, R1; STRUTHERS, A1
1Cardiothoracic Centre-Liverpool NHS Trust, Liverpool, United Kingdom; 2Tayside Institute of Cardiovascular Research, Ninewells Hospital and Medical School, Dundee, United Kingdom

081
LOW UROTENSIN II LEVELS PREDICT RISK OF REINFARCTION IN POST MI PATIENTS
KHAN, S1; KELLY, D1; DAVIES, J1; NG, L1
University of Leicester, Leicester, United Kingdom

082
THE COST-EFFECTIVENESS OF PERINDOPRIL IN REDUCING CARDIOVASCULAR EVENTS IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE USING DATA FROM THE EUROPA STUDY
BRIGGS, A1; MIHAYLOVA, B1; SCULPHER, M1; HALL, A1; WOLSTENHOLME, J1; SIMMOND, M1; FERRARI, R1; REMME, W1; BERTRAND, M1; FOX, K1
1University of Glasgow, Glasgow, United Kingdom; 2Oxford Outcomes Ltd, Seacourt Tower, West Way, Oxford, United Kingdom; 3University of York, York, United Kingdom; 4University of Leeds, Leeds, United Kingdom; 5University of Oxford, Oxford, United Kingdom; 6Erasmus University Medical Centre, Rotterdam, Netherlands; 7University of Ferrara, Ferrara, Italy; 8Sticares Cardiovascular Research Institute, Rotterdam, Netherlands; 9Hôpital Cardiologique de Lille, Lille, France; 10Royal Brompton Hospital, London, United Kingdom
**Programme**

**Gala ◆** 10.30-12.00

**Abstracts**

*Arrhythmia and EPS, and pacing and anti-arrhythmic devices 2*

**Chair:** Prof Clifford Garratt and Dr Neil Grubb

**State of the art: Lead issues in CRT**

Dr Vince Paul

083

**THE RELATIONSHIP BETWEEN ATRIAL LEAD TYPE AND THE ACCURACY OF ARRHYTHMIA DISCRIMINATION**

Silberbauer, J; Arya, A; Freemantle, N; Paul, V; Patel, N; Lloyd, G; Sulke, N

1Eastbourne General Hospital, Eastbourne, United Kingdom; 2University of Birmingham, Birmingham, United Kingdom; 3Ashford and St Peter’s Hospital, Chertsey, United Kingdom

084

**PERCUTANEOUS EXTRACTION OF PACING AND DEFIBRILLATOR LEADS: CONVENTIONAL/NON-LASER METHODS ARE BOTH SAFE AND EFFICACIOUS**

Gieowarsingh, S; Ali, T; Na, G; Stafford, P; Skehan, J

Glenfield Hospital, University Hospitals of Leicester, Leicester, United Kingdom

085

**ADVERSE CORONARY VENOUS ANATOMY FREQUENTLY PREVENTS OPTIMAL LEFT VENTRICULAR PACING LEAD POSITIONING**

Ryding, A; Timperley, J; Tomlinson, D; Bashir, Y; Betts, T

John Radcliffe Hospital, Oxford, United Kingdom

086

**THORACOSCOPIC IMPLANTATION OF LEFT VENTRICULAR EPICARDIAL PACING LEAD FOR BIVENTRICULAR PACING IN HEART FAILURE**

Jutley, R; Loke, I; Waller, D; Chin, D; Stafford, P; Skehan, J; Spyt, T

University Hospitals of Leicester, Leicester, United Kingdom

087

**PERCUTANEOUS EPICARDIAL IMPLANTATION OF LEFT VENTRICULAR PACING LEADS: A FEASIBILITY STUDY IN HUMANS**

Gupta, D; Schilling, R

St Bartholomew’s Hospital, London, United Kingdom
LOCATION OF THE CORONARY SINUS USING ENDOCARDIAL TEMPERATURE SENSORS – A NEW APPROACH FOR CORONARY SINUS CANNULATION
FOX, D1; RECEVEUR, R2; PETKAR, S3; LARK, V3; DAVIDSON, N4; MILLER, B5; FITZPATRICK, A6
1Manchester Heart Centre, Manchester, United Kingdom; 2Bakken Research Centre, Maastricht, Netherlands; 3Manchester Heart Centre, Manchester Royal Infirmary, Manchester, United Kingdom; 4North West Regional Cardiac Centre, Wythenshawe Hospital, Manchester, United Kingdom

RADIOGRAPHIC ASSESSMENT AND ELECTROCARDIOGRAPHIC FEATURES OF LEAD POSITION IN RIGHT VENTRICULAR OUTFLOW TRACT PACING
McGAVIGAN, A1; ROBERTS-THOMSON, K2; HILLOCK, R3; STEVENSON, I3; MONO, H4
1Glasgow Royal Infirmary, Glasgow, United Kingdom; 2Royal Melbourne Hospital, Melbourne, Australia

Leven 10.30-12.00
Abstracts
Heart failure 2
CHAIR: DR DAVID DUTKA AND PROF JOHN McMURRAY
STATE OF THE ART: DISORDER BREATHING IN HEART FAILURE
PROF DAVID NEWBY

AUTO-TITRATING CONTINUOUS POSITIVE AIRWAY PRESSURE IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA AND CHRONIC HEART FAILURE: A RANDOMISED PLACEBO CONTROLLED TRIAL
SMITH, L1; VENNELLE, M2; GARDNER, R3; MCDONAGH, T4; DEMRY, M5; DOUGLAS, N6; NEWBY, D7
1Cardiovascular Research, University of Edinburgh, Edinburgh, United Kingdom; 2Sleep Centre, University of Edinburgh, Edinburgh, United Kingdom; 3Scottish Cardiopulmonary Transplant Unit, Glasgow, United Kingdom

HARNESSING PHYSIOLOGICAL CARDIORESPIRATORY INTERACTION TO MODULATE VENTILATION BY DYNAMIC CHANGES IN CARDIAC OUTPUT
MANSFY, C; DAVIES, J; WILLSON, K; WHINNETT, Z; HUGHES, A; MANN, J; FRANCIS, D
1International Centre for Circulatory Health, Imperial College and St Mary’s Hospital, London, United Kingdom; 2International Centre for Circulatory Health, Imperial College, London, United Kingdom
092
THE EFFECT OF DIURETICS ON PEAK OXYGEN CONSUMPTION IN PATIENTS WITH COMPENSATED LEFT VENTRICULAR DYSFUNCTION
Gupta, S; Gandhi, N; Clayton, N; Waywell, C; Coppinger, T; Brooks, N; Nayses, L
‘Wythenshawe Hospital, Manchester, United Kingdom; ‘University of Manchester, Manchester, United Kingdom

093
DIABETES MELLITUS LOWERS 6-MIN WALK TEST PERFORMANCE IN PATIENTS WITH CHRONIC HEART FAILURE
Ingle, L; Clark, A; Cleland, J
University of Hull, Hull, United Kingdom

094
THE EFFECT OF WEEKLY ALCOHOL INTAKE ON LEFT VENTRICULAR SIZE AND FUNCTION
Galasko, G; Lahiri, A; Senior, R
Department of Cardiovascular Medicine, Northwick Park Hospital, Harrow, United Kingdom

095
MAGNETIC RESONANCE IMAGING AND SURGICAL LEFT VENTRICULAR RESHAPING FOR ADVANCED ISCHEMIC CARDIOMYOPATHY
Ascione, R
Bristol Heart Institute, University of Bristol, Bristol, United Kingdom

096
PREDICTING LEFT VENTRICULAR SYSTOLIC DYSFUNCTION IN PATIENTS WITH SYMPTOMS AND SIGNS OF HEART FAILURE IN THE COMMUNITY
Jeyselalan, S; Fahy, T; Goudie, B; Pringle, S; Donnan, P; Sullivan, F; Struthers, A
University of Dundee, Dundee, United Kingdom

Exhibition Break 12.30-14.00
Clyde 12.45-13.45

How to programme and follow up a pacemaker

Chair: Prof Richard Sutton

Objectives of the pacemaker clinic
Prof Richard Sutton

Technical aspects of a pacemaker
Mr Stuart Allen

Medical aspects of pacemaker programming
Dr Michael Gammage

Lomond 12.30-13.15

British Association for Nursing in Cardiac Care (BANCC)

BANCC AGM

Hall 1 12.45-13.45

Sponsored symposium
Sponsored by Sanofi-Aventis

Microalbuminuria in cardiology – who cares!

Chair: Prof David Wood

Microalbuminuria in cardiovascular disease
Dr Matthew Weir

Treating microalbuminuria
Dr Clive Weston

Forth 12.45-13.45

SCST
Programme

**Alsh**

How to perform transradial procedures
CHAIR: **DR JAMES NOLAN**
How to start up a transradial program
**DR AZFAR ZAMAN**
How to do a transradial puncture
**DR ROONEY STABLES**
How to do a transradial diagnostic study
**DR DAVID HILDICK-SMITH**
How to do a transradial PCI
**DR KEITH OLDROYD**

**Boisdale**

How to assess vascular function for research
CHAIR: **PROF MARTIN BENNETT**
How to assess endothelial function
**PROF JOHN DEANFIELD**
How to assess vessel compliance
**DR IAN WILKINSON**

**Carron**

How to survive *payment by results*
CHAIR: **PROF ROGER BOYLE AND DR STEPHEN HOLMBERG**

**Expert Panel**

British Cardiovascular Intervention Society - **DR MARTYN THOMAS**
Heart Rhythm (UK) - **PROF CLIFFORD GARRATT**
British Society of Echocardiography - **DR JOHN CHAMBERS**
British Association of Cardiac Rehabilitation - **DR MALCOLM WALKER**
Department of Health - **MR CHRISTOPHER WATSON**
Dochart 1 12.45-13.45

**How to manage renovascular disease**

**CHAIR:** Dr Nicholas Boon

**Who to investigate**

Dr Philip Kalra

**How to investigate them**

Dr Giles Roditi

**How to treat them**

Dr John Moss

Clyde 14.00-15.30

**Debate**

*Cardiac services are most effective if they serve a population of no less than 500,000*

**CHAIR:** Prof Dame Carol Black and Prof David Crossman

**For:** Dr Keith Dawkins

**Against:** Dr David Hackett

Lomond 14.00-15.30

**British Association for Nursing in Cardiac Care (BANCC)**

**Service improvement – moving heart failure into the community**

**CHAIR:** Mrs Jane Butler and Prof John Cleland

**Heart failure care – which sector?**

Ms Jill Riley

**Heart failure – organising care**

Ms Jenny Welstand and Ms Gaynor Edwards

**Nurse prescribing**

Mr John Carson

**Pharmacy heart failure service**

Mr Richard Lowrie

**Audience and panel discussion**
### Hall 1  
**British Heart Foundation (BHF)**  
*Pre and post conditioning: protecting the heart from injury*  
**Chair:** Prof Jeremy Pearson  
**Preconditioning – the phenomenon and possible mechanisms**  
Prof Michael Marber  
**Remote preconditioning and its potential for clinical use**  
Dr Rajesh KhARBANDA  
**Postconditioning – the phenomenon and possible mechanisms**  
Prof Derek Yellon  
**Effectiveness of postconditioning the human heart**  
Prof Michel Ovize

### Forth  
**Society for Cardiological Science and Technology (SCST)**  
*A cardiac miscellany*  
**Chair:** Ms Greta Borthwick  
**Cardiac MR – complementary, challenger or conqueror?**  
Dr Grant Heatlie  
**Pacemaker pony – an atypical case of gallop rhythm!**  
Ms Margaret Pryde  
**A cardiac screening programme for athletes**  
Dr John Walsh  
**Evaluation of a catheter lab practitioner project**  
Dr Nadim Malik
Abstracts

Echocardiography 1

CHAIR: Dr Dana Dawson and Dr Kevin Fox

097
QUANTITATIVE ASSESSMENT OF CONTRAST ENHANCED DOBUTAMINE STRESS ECHOCARDIOGRAMS USING A SEMI-AUTOMATIC BOUNDARY DETECTION WITH TEMPORAL INFORMATION

Timperley, J; Thibault, H; Mulet-Parada, M

1 John Radcliffe Hospital, Oxford, United Kingdom; 2 Centre Hospitalier de Bordeaux, Bordeaux, France; 3 Mirada Solutions, Oxford, United Kingdom

098
MULTIPLANE IMAGING FOR TREADMILL STRESS ECHOCARDIOGRAPHY: DOES REDUCED IMAGING TIME MEAN REDUCED IMAGE QUALITY?

Stuart, T; Karstenakis, S; Ho, E; Monaghan, M

King’s College Hospital, London, United Kingdom

099
EFFECT OF STRESS ON DYSSYNCHRONY IN NORMAL INDIVIDUALS

Chattopadhyay, S; Macleod, C; Prine, N; Derumeaux, G; Fraser, A

1 University Hospital of Wales, Cardiff, United Kingdom; 2 University of Wales College of Medicine, Cardiff, United Kingdom; 3 Hopital Charles Nicolle, Rouen, France

100
VASODILATOR MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY IS SUPERIOR TO BOTH TIMI RISK SCORE AND EXERCISE ELECTROCARDIOGRAPHY FOR RISK STRATIFYING PATIENTS PRESENTING TO THE HOSPITAL WITH ACUTE CHEST PAIN AND NEGATIVE TROPNON

Jeetley, P; Burden, L; Greaves, K; Senior, R

Northwick Park Hospital, Harrow, United Kingdom

101
IDENTIFICATION OF HIBERNATING MYOCARDIUM: CAN MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY REPLACE SINGLE-PHOTON EMISSION COMPUTED TOMOGRAPHY?

Hickman, M; Kyes, C; Burden, L; Senior, R

Northwick Park Hospital, Harrow, United Kingdom
102
ACCURACY OF LOW POWER CONTRAST ECHOCARDIOGRAPHY FOR THE ASSESSMENT OF LEFT VENTRICULAR REMODELING COMPARED TO SINGLE-PHOTON EMISION COMPUTED TOMOGRAPHY FOLLOWING ACUTE MYOCARDIAL: COMPARISON WITH CARDIOVASCULAR MAGNETIC RESONANCE IMAGING
LIM, T; BURDEN, L; JANARCHANAN, R; DWIVEDI, G; CHAI, P; MOON, J; PENNELL, D; SENIOR, R
1Northwick Park Hospital, Harrow, United Kingdom; 2Royal Brompton Hospital, London, United Kingdom

103
REDUCED SEPTAL WALL THICKNESS NOT HYPOPERFUSION IS THE CAUSE OF PERFUSION DEFECTS ON SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY IN PATIENTS WITH LEFT BUNDLE BRANCH BLOCK WITHOUT CORONARY ARTERY DISEASE: COMPARISON WITH MYOCARDIAL CONTRAST ECHOCARDIOGRAPH
HAYAT, S; DWIVEDI, G; LIM, T; JACOBSEN, A; SENIOR, R
Northwick Park Hospital, Harrow, United Kingdom

104
MYOCARDIAL VELOCITIES DURING DOBUTAMINE STRESS ECHOCARDIOGRAPHY FOR CORONARY ARTERY DISEASE DIAGNOSIS AND PREDICTING MORTALITY IN END STAGE RENAL DISEASE: A TISSUE DOPPLER IMAGING STUDY
SHARMA, R; BRECKER, S; GAZE, D; COLLINSON, P; MEHTA, R; PELLERIN, D
1St George's Hospital, London, United Kingdom; 2Southampton General Hospital, Southampton, United Kingdom; 3The Heart Hospital, London, United Kingdom

105
AN ECHOCARDIOGRAPHY DERIVED PROGNOSIS SCORE TO PREDICT MORTALITY AFTER RENAL TRANSPLANTATION
SHARMA, R; CHEMLA, E; TOME, M; BRECKER, S; MEHTA, R; PELLERIN, D
1St George's Hospital, London, United Kingdom; 2The Heart Hospital, London, United Kingdom; 3Southampton General Hospital, Southampton, United Kingdom
Boisdale 14.00-15.30

Abstracts
Interventional cardiology and acute coronary syndromes 2
CHAIR: DR NICHOLAS BOON AND DR PETER LUDMAN

106
RESCUE ANGIOPLASTY VERSUS CONSERVATIVE MANAGEMENT FOR FAILED FIBRINOLYSIS IN ACUTE MYOCARDIAL INFARCTION: A META-ANALYSIS
KUNADIAN, B; VIJAYALAKSHMI, K; MUIR, D; SUTTON, A; WRIGHT, R; HALL, J; DE BELDER, M
The James Cook University Hospital, Middlesbrough, United Kingdom

107
THE COST-EFFECTIVENESS OF PRIMARY ANGIOPLASTY COMPARED TO THROMBOLYSIS FOR THE TREATMENT OF ACUTE MYOCARDIAL INFARCTION
BRAVO, Y; CHRISTIAN ASSEBURG, C; STEVE PALMER, S; ELISABETH FENWICK, E; MARK SCULPHER, M
‘Centre for Health Economics, York, United Kingdom

108
COMPARISON BETWEEN MERLIN (MIDDLESBROUGH EARLY REVASCULARISATION TO LIMIT INFARCTION TRIAL) AND REACT (RESCUE ANGIOPLASTY VERSUS CONSERVATIVE THERAPY OF REPEAT THROMBOLYSIS) TRIALS - 6 MONTHS RESULTS
KUNADIAN, B; VIJAYALAKSHMI, K; SUTTON, A; MUIR, D; WRIGHT, R; HALL, J; DE BELDER, M
The James Cook University Hospital, Middlesbrough, United Kingdom

109
3 MONTH CLINICAL OUTCOME OF DRUG-ELUTING STENTS IN RESCUE ANGIOPLASTY
WELLS, T; CURZEN, N; CALVER, A; SAWYER, J;GRAY, H; DAWKINS, K
Southampton University Hospital, Southampton, United Kingdom

110
NO LATE BENEFIT OF RESCUE ANGIOPLASTY VERSUS CONSERVATIVE TREATMENT IN PATIENTS WITH FAILED FIBRINOLYSIS – FINAL RESULTS OF THE MIDDLESBROUGH EARLY REVASCULARISATION TO LIMIT INFARCTION (MERLIN) RANDOMISED TRIAL
KUNADIAN, B; SUTTON, A; VIJAYALAKSHMI, K; CAMPBELL, P; GRAHAM, R; PRICE, D; GRAY, J; GRECH, E;
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1 London Chest Hospital, London, United Kingdom; 2 Newham University Hospital NHS Trust, London, United Kingdom; 3 King George Hospital, Ilford, United Kingdom

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1 Aarhus University Hospital, Aarhus, Denmark; 2 Aarhus University Hospital, Skejby, Aarhus, Denmark; 3 Hospital for Sick Children, Toronto, Canada; 4 Papworth Hospital, Cambridge, United Kingdom
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1^University of Leeds, Leeds, United Kingdom; 2^Leeds General Infirmary, Leeds, United Kingdom

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1^Royal Victoria Hospital, Belfast, United Kingdom; 2^Queen's University, Belfast, United Kingdom

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University of Leicester, Leicester, United Kingdom

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1^Harvard Medical School, Boston, United States; 2^Brigham and Women’s Hospital, Boston, United States
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1International Centre for Circulatory Health, St Mary’s Hospital and Imperial College, London, United Kingdom; 2Department of Clinical Pharmacology, Royal College of Surgeons of Ireland, Dublin, Ireland

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1Macclesfield District General Hospital, Macclesfield, United Kingdom; 2Macclesfield District General Hospital, Macclesfield, United Kingdom; 3University of Manchester, Manchester, United Kingdom

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1St George’s Hospital, London, United Kingdom; 2The Heart Hospital, London, United Kingdom; 3Southampton General, Southampton, United Kingdom

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1Royal Victoria Hospital / Queen’s University, Belfast, United Kingdom; 2Royal Victoria Hospital, Belfast, United Kingdom; 3Queen’s University, Belfast, United Kingdom
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James Cook University Hospital, Middlesbrough, United Kingdom

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‘Cardiovascular Research Unit, Clinical Sciences Centre, Northern General Hospital, Sheffield, United Kingdom; ‘Barnsley District General Hospital, Gawber Road, Barnsley, South Yorkshire, United Kingdom

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‘University College London Medical School, London, United Kingdom; ‘Queen Mary’s School of Medicine and Dentistry, London, United Kingdom; ‘Barts and the London NHS Trust, London, United Kingdom; ‘London School of Hygiene and Tropical Medicine, London, United Kingdom; ‘RAND Organisation, California, United States

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**De Bon, J; Hudsmith, L; Orchard, E; McKenna, C; Orr, W**

‘Department of Cardiology, The Royal Berkshire Hospital, Reading, United Kingdom; ‘Department of Cardiology, Gloucestershire Royal Hospital, Gloucester, United Kingdom; ‘Department of Cardiovascular Medicine, The John Radcliffe Hospital, Oxford, United Kingdom
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The Cardiothoracic Centre NHS Trust, Liverpool, United Kingdom

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Taunton and Somerset NHS Trust, Taunton, United Kingdom

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‘Wythenshawe Hospital, Manchester, United Kingdom; ‘York District General Hospital, York, United Kingdom
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University Hospitals of Leicester NHS Trust, Leicester, United Kingdom

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‘Charing Cross Hospital, London, United Kingdom; ‘Ghent University, Ghent, Belgium

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‘York Hospital, York, United Kingdom; ‘University of York, York, United Kingdom; ‘Chinese University of Hong Kong, Shatin, Hong Kong

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University of Wales College of Medicine, Cardiff, United Kingdom

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Hammersmith Hospitals NHS Trust, London, United Kingdom

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UHL NHS Trust, Glenfield Hospital, Leicester, United Kingdom
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‘Newham PCT, London, United Kingdom; ‘Newham University Hospital, London, United Kingdom

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‘Buckinghamshire Chilterns University College, Chalfont St Giles, United Kingdom; ‘Basingstoke & Alton Cardiac Rehabilitation Centre, Alton, United Kingdom

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‘Royal Victoria Hospital, Belfast, United Kingdom; ‘Physiology, Queen’s University, Belfast, United Kingdom; ‘University of Ulster, Belfast, United Kingdom

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GORDON, B; LYONS, K; CHEW, E

Belfast City Hospital, Belfast, United Kingdom

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‘Manchester Heart Centre, Manchester Royal Infirmary, Manchester, United Kingdom; ‘North West Regional Cardiac Centre, Wythenshawe Hospital, Manchester, United Kingdom
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St Bartholomew's Hospital, London, United Kingdom

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Darlington Memorial Hospital, Darlington, United Kingdom

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¹University Hospitals Leicester, Leicester, United Kingdom; ²St George’s Hospital, London, United Kingdom

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University of Leicester, Leicester, United Kingdom

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University Hospitals Leicester, Leicester, United Kingdom

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¹Northwick Park Hospital, Harrow, United Kingdom; ²St George’s Hospital, London, United Kingdom

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International Centre for Circulatory Health, Imperial College and St Mary’s Hospital, London, United Kingdom
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Nikitin, N; Loh, P; de Silva, R; Lukaschuk, E; Ettles, D; Alamgr, M; Clark, A; Cleland, J
University of Hull, Hull, United Kingdom

PREVALENCE OF VIABLE BUT DYSFUNCTIONAL MYOCARDIUM IN PATIENTS WITH HEART FAILURE OF ISCHEMIC ORIGIN AS ASSESSED BY CARDIAC MRI WITH DELAYED CONTRAST ENHANCEMENT
Nikitin, N; Loh, P; de Silva, R; Lukaschuk, E; Ettles, D; Alamgr, M; Clark, A; Cleland, J
University of Hull, Hull, United Kingdom

INFARCT SIZE AND PROGRESSIVE LEFT VENTRICULAR SYSTOLIC DYSFUNCTION AND REMODELING POST MYOCARDIAL INFARCTION: A CONTRAST-ENHANCED MRI STUDY
Zhang, Y; Chan, A; Yip, G; Wang, M; Lam, W; Sc, N; Yu, C; Sanderson, J
1The Chinese University of Hong Kong, Shatin, Hong Kong; 2Keele University Medical School and University Hospital of North Staffs, Stoke-on-Trent, United Kingdom

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Clyde 16.00-17.00
Thomas Lewis Lecture
Dr Robert Califf
Improving clinical outcomes through a cycle of quality: local and global perspectives
Introduced by Prof Keith Fox; thanked by Dr Nicholas Boon

Clyde 17.00-18.30
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<td>An early invasive strategy is the preferred treatment for patients with non-STEMI ACS</td>
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British Cardiac Society Annual Scientific Conference 24 - 27 April
Exhibition Hall, SECC  07.30-13.30

Registration

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Judges’ Choice abstracts

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1University of Oxford, Oxford, United Kingdom; 1John Radcliffe Hospital, Oxford, United Kingdom

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Patwala, A1; Woods, P1; Barker, D1; Williams, S1; Goldspink, D1; Tan, L1; Wright, D1

1The Cardiothoracic Centre, Liverpool, United Kingdom; 1RISES, Liverpool John Moores University, Liverpool, United Kingdom; 1Academic Unit of Molecular Vascular Medicine, University of Leeds, LGI, Leeds, United Kingdom

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Bhamra, G; Davidson, S; Mocanu, M; Yellow, D

The Hatter Cardiovascular Institute, UCL Division of Medicine, Royal Free and University College Medical School, UCL, London, United Kingdom

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Chase, D1; Roderick, P1; Milne, R1; Morgan, J1

1University of Southampton, Southampton, United Kingdom; 1Southampton University Hospitals, Southampton, United Kingdom

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The Hatter Cardiovascular Institute, University College London, London, United Kingdom
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VISWANATHAN, K; ARTIS, N; BAILEY, K; MORRELL, C; DAS, R; KILCULLEN, N; BARTH, J; HALL, A

1 University Of Leeds, Leeds, United Kingdom; 2 Leeds General Infirmary, Leeds, United Kingdom

Alsh ▼

08.30-10.00

British Society of Cardiovascular Magnetic Resonance (BSCMR)

State of the art clinical vascular magnetic resonance

Chair: Prof Stefan Neubauer and Prof Dudley Pennell

Heart valves – a new look from CMR

Dr Saul Myerson

Resynchronisation therapy for heart failure guided by CMR

Dr Francisco Leyva

Risk assessment in cardiomyopathy by CMR

Dr Sanjay Prasad

Acute chest pain – role of CMR

Prof Mohan Sivananthan

Assessment of atherosclerosis by CMR

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Boisdale ◊

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Yorkshire Heart Centre, Leeds, United Kingdom
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Cardiology Department, King’s College Hospital, London, United Kingdom

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1The Cardiothoracic Centre, Liverpool, United Kingdom; 2Blackpool Victoria Hospital, Blackpool, United Kingdom; 3Manchester Royal Infirmary, Manchester, United Kingdom; 4South Manchester University Hospital, Manchester, United Kingdom

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1University of Leeds, Leeds, United Kingdom; 2Leeds General Infirmary, Leeds, United Kingdom

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1University of Calgary, Calgary, Canada; 2Greater Glasgow NHS Board, Glasgow, United Kingdom; 3Western Infirmary, Glasgow, United Kingdom; 4Monklands Hospital, Airdrie, United Kingdom; 5Royal Infirmary, Edinburgh, United Kingdom; 6Western General Hospital, Edinburgh, United Kingdom; 7Glasgow Royal Infirmary, Glasgow, United Kingdom; 8Aberdeen Royal Infirmary, Aberdeen, United Kingdom; 9Victoria Infirmary, Glasgow, United Kingdom; 10University of Glasgow, Glasgow, United Kingdom
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James Cook University Hospital, Middlesbrough, United Kingdom

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In-patient Angioplasty Improves Long-term Survival in Acute Coronary Syndrome

Viswanathan, K; Bailey, K; Artis, N; Morrell, C; Das, R; Kelly, N; Barth, P; McLennan, J; Hall, A

1 University of Leeds, Leeds, United Kingdom; 2 Leeds General Infirmary, Leeds, United Kingdom

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Angina and Gender: Incidence and Prognosis in 118,523 Cases in Ambulatory Care

Hemingway, H; McCallum, A; Shpley, M; Manderbacka, K; Martikainen, P; Keskimaki, I

1 University College London Medical School, London, United Kingdom; 2 National Research and Development Centre for Welfare and Health (STAKES), Helsinki, Finland; 3 University of Helsinki, Helsinki, Finland

Carron 1 08.30-10.00

Abstracts

Myocardial Biology 1

Chair: Prof Michael Marber and Prof Ludwig Neyses

State of the art: Choice of Stem Cells for Myocardial Repair

Dr Rajiv Gulati

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Selected Human Adult Bone-marrow and Umbilical Cord-blood Derived CD133+ Cells Express Myocardial Proteins Following in Vitro Differentiation

Meyrick, S; Denning-Kendall, P; Ascione, R

1 Bristol Heart Institute, University of Bristol, Bristol, United Kingdom; 2 University of Bristol, Bristol, United Kingdom
LOCALISATION OF BONE MARROW MONONUCLEAR CELLS ADMINISTERED DURING ACUTE MYOCARDIAL INFARCTION; THE EFFECTS OF TIME IN CULTURE

LOVELL, M; McDONALD, M; SIVARAJAH, A; WRIGHT, N; THEIEMANN, C; MATHUR, A
1Barts and The London/Clinical Pharmacology/William Harvey Research Institute, London, United Kingdom; 2Centre for Experimental Medicine/William Harvey Research Institute, London, United Kingdom; 3Barts and The London/Histopathology Department, London, United Kingdom

BONE MARROW MONONUCLEAR CELLS HOME TO THE HEART IN THE ACUTE SETTING OF MYOCARDIAL INFARCTION WITH NO ADVERSE EFFECTS ON CARDIAC FUNCTION

LOVELL, M; McDONALD, M; SIVARAJAH, A; HARRINGTON, D; FERGUSON, S; WRIGHT, N; THEIEMANN, C; MATHUR, A
1Barts and The London/Clinical Pharmacology/William Harvey Research Institute, London, United Kingdom; 2Centre for Experimental Medicine/William Harvey Research Institute, London, United Kingdom; 3The London Chest Hospital/Echocardiography Department, London, United Kingdom; 4Barts and The London/Histopathology Department, London, United Kingdom

MAST CELL DEFICIENT MICE PRODUCE LESS CIRCULATING IL-6 AND EXHIBIT LESS CARDIAC TISSUE DAMAGE THAN THEIR LITTERMATES FOLLOWING MYOCARDIAL ISCHEMIA REPERFUSION INJURY

BHATTACHARYA, K; FAREWELL, K; HUANG, M; KEMPURAJ, D; DONELAN, J; THEOHARIDES, T
1Western Infirmary, Glasgow, United Kingdom; 2Tufts University, Boston, United States

THE EFFECTS OF CHRONIC TNF - ADMINISTRATION IN C57/B16 MICE

FABCLOTH, M; CLARK, J; DIGHE, K; MARBER, M
King's College London, St Thomas' Hospital, London, United Kingdom

NEW INSIGHTS INTO THE CREATINE KINASE-PHOSPHOCREATINE ENERGY BUFFER AND TRANSPORT SYSTEM USING MOUSE MODELS OF ALTERED CREATINE CONTENT

LYGATE, C; WALLIS, J; TEN HOVE, M; NEUBAUER, S
University of Oxford, Oxford, United Kingdom
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Scheuermann-Freestone, M; West, S; Watson, G; Tyler, D; Francis, J; Stradling, J; Neubauer, S; Clarke, K
1OCMR, John Radcliffe Hospital, Oxford, United Kingdom; 2Churchill Hospital, Oxford, United Kingdom; 3Department of Physiology, Oxford, United Kingdom

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Cardiac Surgery, transplantation and valve disease 2
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Ganesh, J; Rogers, C; Mellen, J; Banner, N; Bonsen, R
1On Behalf of the Steering Group, UK Cardiothoracic Transplant Audit, The Royal College of Surgeons, London, United Kingdom

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1Royal Brompton and Harefield NHS Trust, Harefield, United Kingdom; 2Bristol Heart Institute, University of Bristol, Bristol, United Kingdom; 3Royal College of Surgeons, London, United Kingdom; 4Queen Elizabeth Hospital, Birmingham, United Kingdom

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Mayo Clinic, Rochester, MN 55905, United States
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PHARMACOLOGICAL TREATMENT OF VEIN GRAFT DISEASE: EARLY INHIBITION OF PATHOLOGICAL CHANGES FOLLOWING RAPAMYCIN PRE-TREATMENT ARE NO LONGER EVIDENT IN LONG-TERM PORCINE SAPHEOUS VEIN BYPASS GRAFTS IN VIVO

RIZVI, S; MURPHY, G; JOHNSON, J; GEORGE, S; ANGELINI, G; NEWBY, A

Bristol Heart Institute, Bristol, United Kingdom

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MECHANICAL VALVES IN SEPTUAGENARIANS: A HAZARDOUS CHOICE?

ASCIONE, R; ROGERS, C; CULLIFORD, L; ANGELINI, G

Bristol Heart Institute, Bristol, United Kingdom

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St George’s Hospital, London, United Kingdom

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SHARMA, R; MANN, J; DRUMMOND, L; LIVESEY, S; SIMPSON, I

Southampton General Hospital, Southampton, United Kingdom

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OCEANDY, D1; YUSOFF, R2; NEYES, L1; RAY, S1

1Division of Cardiology, University of Manchester, Manchester, United Kingdom; 2Department of Cardiology, Wythenshawe Hospital, Manchester, United Kingdom

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SURVIVAL AFTER AORTIC VALVE REPLACEMENT IN PATIENTS WITH SEVERE AORTIC STENOSIS AND IMPAIRED LEFT VENTRICULAR FUNCTION

DING, W; DUNCAN, A; CHUNG, R; PEPPER, J; HENEIN, M

The Royal Brompton Hospital, London, United Kingdom
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Baseline predictors of outcome for patients with syncope: the easy syncope risk score

Veasey, R; Farwell, D; Silberbauer, J; Sulke, A

‘Eastbourne District General Hospital, Eastbourne, United Kingdom; Leeds General Infirmary, Leeds, United Kingdom

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‘ABC for life’ – a regional programme to train school children in cardiopulmonary resuscitation

Connolly, M; Toner, P; Connolly, D; McCluskey, D

‘Queen's University, Belfast, United Kingdom; Royal Victoria Hospital, Belfast, United Kingdom

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Should intravenous amiodarone be a first-line treatment for pharmacological cardioversion of haemodynamically-tolerated sustained ventricular tachycardia?

Tomlinson, D; Cherian, P; Bettis, T; Bashir, Y

John Radcliffe Hospital, Oxford, United Kingdom

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How useful is Holter monitoring in patients with palpitations or altered consciousness? Analysis of 9729 recordings in 8052 consecutive patients

Sufi, S; Serhani, N; Balam, D; Ranajakaran, K; Suliman, A; Archbold, A; Kapur, A; Tirmis, A

‘Newham University Hospital, London, United Kingdom; Barts and the London NHS Trust, London, United Kingdom

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Case series of sudden cardiac death

Chase, D; Roderick, P; Gallagher, P; Burnley, H; Roberts, P; Morgan, J

‘University of Southampton, Southampton, United Kingdom; Southampton University Hospitals, Southampton, United Kingdom
LONG QT PEAK MEASURED FROM A SINGLE ECG LEAD PREDICTS CARDIAC DEATH AND ALL-CAUSE MORTALITY

Wong, K; MacWalter, R; Douglas, D; Fraser, H; Olston, S; Struthers, A

1Cardiothoracic Centre-Liverpool NHS Trust, Liverpool, United Kingdom; 2Tayside Institute of Cardiovascular Research, Ninewells Hospital and Medical School, Dundee, United Kingdom; 3Department of Epidemiology and Public Health, Ninewells Hospital and Medical School, Dundee, United Kingdom

DO RESTING AND EXERCISE ELECTROCARDIOGRAMS CONTRIBUTE INCREMENTALLY TO THE PROGNOSTIC ASSESSMENT OF PATIENTS WITH UNDIFFERENTIATED CHEST PAIN?

Sekhri, N; Junghans, C; Feder, G; Hemingway, H; Umapalan, A; Macdhu, R; Timmis, A

1Newham University Hospital, London, United Kingdom; 2University College London, London, United Kingdom; 3Barts and The London, London, United Kingdom

LV HYPERTROPHY IS A COMMONLY IGNORED BUT STRONG RISK FACTOR IN NORMOTENSIVE ANGINA PATIENTS

Ang, D; Davies, J; Pringle, S; Struthers, A

Ninewells Hospital/ University of Dundee, Dundee, United Kingdom

USE OF TROPONIN T MEASUREMENT IN PREDICTING MORTALITY AMONG HOSPITALISED PATIENTS

Khan, A; Murug; S; Rangarajan, A; Dhanaasekaran, A; Robinson, A; Vellupandian, U; Viswanathan, G; Rodrigues, E; Wong, P

University Hospital Aintree, Liverpool, United Kingdom

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Vascular biology 1

Chair: Prof Aroon Hingorani and Prof Jeremy Pearson

LOWER CIRCULATING ENDOTHELIAL PROGENITOR CELL NUMBERS AND VASCULAR DYSFUNCTION IN YOUNG HEALTHY SOUTH ASIAN MEN

Murphy, C; Kanaganakaran, G; Chomenczyk, P; Shah, A; Marber, M; Kearney, M

1Denmark Hill Campus, King’s College London, London, United Kingdom; 2St Thomas’ Campus, King’s College London, London, United Kingdom
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THE EFFECTS OF PERCUTANEOUS CORONARY INTERVENTION ON CIRCULATING ENDOTHELIAL PROGENITOR CELLS
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‘Edinburgh University, Edinburgh, United Kingdom; “Scottish National Blood Transfusion Service, Edinburgh, United Kingdom; ‘Department of Haematology, Edinburgh, United Kingdom

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MOBILISATION OF HEMOPOIETIC STEM CELLS INTO PERIPHERAL BLOOD DOES NOT OCCUR IN ALL PATIENTS AFTER MYOCARDIAL ISCHEMIA
SURESH, V; JAWORSKA, E; PITCHARD, C; BUCKLE, A; RAW, S; CHOPRA, R
‘Wythenshawe Hospital, Manchester, United Kingdom; “Paterson Institute, Christie Hospital, Manchester, United Kingdom; ‘Royal Cornwall Hospital, Truro, United Kingdom; “UMIST, Manchester, United Kingdom; ‘UCL, London, United Kingdom

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BOYLE, J; HORNCASTLE, D; PHILLIPIDES, P; HASKARD, D; LANDIS, R
‘Imperial College Hammersmith Hospital, London, United Kingdom; ‘Hammersmith Hospital, London, United Kingdom

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STIMULATED ENDOTHELIAL TISSUE PLASMINOGEN ACTIVATOR RELEASE PREDICTS FUTURE CARDIOVASCULAR EVENTS IN PATIENTS WITH CORONARY HEART DISEASE
ROBINSON, S; MARKIE, D; LUCAN, C; BOON, N; NEWBY, D
‘University of Edinburgh, Edinburgh, United Kingdom; ‘Royal Infirmary of Edinburgh, Edinburgh, United Kingdom

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IMPAIRED SYSTEMIC MICROVASCULAR ENDOTHELIAL FUNCTION WITH CORONARY ARTERY DISEASE CAN BE DETECTED NON-INVASIVELY USING NOVEL LASER DOPPLER TECHNIQUES
AGARWAL, S; ALLEN, J; MURRAY, A; PURCELL, I
Freeman Hospital, Newcastle upon Tyne, United Kingdom

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INHIBITION OF NEOINTIMA FORMATION IN HUMAN SAPHENOUS VEIN ORGAN CULTURE BY ADENOVIRUS-MEDIATED OVEREXPRESSION OF FIBROMODULIN
RANZAD, P; SALEH, H; KINGSTON, P
University of Manchester, Manchester, United Kingdom
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TARGETED MAGNETIC RESONANCE IMAGING OF TNF-ALPHA INDUCED ENDOTHELIAL VCAM-1 EXPRESSION IN VITRO USING MONOCLONAL ANTIBODY CONJUGATED MICROPARTICLES OF IRON OXIDE
MCATEER, M; SCHNEIDER, J; WARRICK, N; CHANNON, K; NEUBAUER, S; CHOUDHURY, R
Department of Cardiovascular Medicine, University of Oxford, Oxford, United Kingdom

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AUTOANTIBODIES AGAINST HSP60 INDUCE ATHEROSCLEROSIS IN Apo-E KNOCK OUT MICE VIA ENDOTHELIAL DAMAGE
MANDAL, K; FOTEINOS, G; AFZAL, A; JAHANGIRI, M; XU, Q
St George’s Hospital & Medical School, London, United Kingdom

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KESAVAN, S; NUTA, B; BURTCHAELL, S; JAMES, M
Taunton and Somerset NHS Trust, Taunton, United Kingdom

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TERMINATION OF CHRONIC ATRIAL FIBRILLATION BY CATHETER ABLATION MAY BE PREDICTED BY BASELINE FIBRILLATORY CYCLE LENGTH
O’NEILL, M; TAKAHASHI, Y; JOHNSON, A; HOCHIN, M; SANDERS, P; ROTTER, M; SACHER, F; ROSTOCK, T; JAIL, P; CLEMENTY, J; HAISSAGUERRE, M
Hôpital Cardiologique du Haut Lévèque, Bordeaux, France

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Hôpital Cardiologique du Haut Lévèque, Bordeaux, France
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WAVELET ANALYSIS USING A MODULUS MAXIMA METHOD TO PREDICT RHYTHM STATUS AFTER CARDIOVERSION FOR PERSISTENT ATRIAL FIBRILLATION

Shah, A; Addison, P; Watson, J; Ucharipchat, N; Grubbi, N

'University Of Edinburgh, Edinburgh, United Kingdom; 'Cardiodigital Ltd, Edinburgh, United Kingdom; 'Royal Infirmary Of Edinburgh, Edinburgh, United Kingdom

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EFFECT OF ANGIOTENSIN II TYPE 1 RECEPTOR (AT1R) BLOCKADE ON ATRIAL ELECTROGRAM MORPHOLOGY IN A BURST PACED GOAT MODEL OF AF

Krubakaran, S; Hall, M; Chowdhury, R; Peters, N; Garratt, C

'Manchester Heart Centre, Manchester, United Kingdom; 'Imperial College, London, United Kingdom

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POOR OUTCOME OF ATRIAL FIBRILLATION ASSOCIATED WITH HYPERTHYROIDISM

Osman, F; Franklin, J; Sheppard, M; Gammage, M

Queen Elizabeth Hospital, Birmingham, United Kingdom

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CARDIAC DYSRHYTHMIAS IN HYPERTHYROIDISM BEFORE AND AFTER ANTITHYROID THERAPY

Osman, F; Franklin, J; Sheppard, M; Gammage, M

Queen Elizabeth Hospital, Birmingham, United Kingdom

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THE PACEMAKER ATRIAL FIBRILLATION STUDY (PAFS): THE EFFECT OF ANTI-AF PACING ALGORITHMS IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION

Silberbauer, J; Boodhoo, L; Arva, A; Freemantle, N; Hillick-Smith, D; O'Nunnan, S; Lloyd, G; Kamalvand, K; O'Kane, P; Patel, N; Sulke, A

'Eastbourne General Hospital, Eastbourne, United Kingdom; 'University of Birmingham, Birmingham, United Kingdom; 'Royal Sussex County Hospital, Brighton, United Kingdom; 'William Harvey Hospital, Ashford, United Kingdom; 'Ashford and St Peter's Hospital, Chertsey, United Kingdom

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QUALITY OF LIFE AND SYMPTOMATOLOGY IN PATIENTS WITH ANTI-AF PACEMAKERS IMPLANTED TO TREAT PAF

Silberbauer, J; Boodhoo, L; Arva, A; O'Kane, P; Kamalvand, K; Patel, N; Sulke, A

'Eastbourne General Hospital, Eastbourne, United Kingdom; 'Ashford and St Peter's Hospital, Chertsey, United Kingdom; 'William Harvey Hospital, Ashford, United Kingdom
Leven  ◆  08.30-10.00

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Heart failure 4

CHAIR: PROF. JOHN CLELAND AND DR JAMIL MAJEET

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WHAT PROPORTION OF HEART FAILURE PATIENTS IN SOUTH WEST GLASGOW WOULD BE ELIGIBLE FOR CARDIAC RESYNCHRONIZATION THERAPY AND WHAT WOULD THE IMPLICATIONS BE?
MURDOCH, D; DAVE, A; BYRNE, J; McGEOCH, R
Southern General Hospital, Glasgow, United Kingdom

219
PROLONGED QT PEAK IS A GOOD PREDICTOR OF RESPONSE TO CARDIAC RESYNCHRONISATION THERAPY
PATWA, A; WONG, K; CLEMENTS, R; WOODS, P; GOLDSPIRNK, D; WRIGHT, D
1The Cardiothoracic Centre, Liverpool, United Kingdom; RISES, Liverpool John Moores University, Liverpool, United Kingdom

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DO PATIENTS WITH ATRIAL FIBRILLATION BENEFIT FROM CARDIAC RESYNCHRONISATION THERAPY?
PATWA, A; CLEMENTS, R; WOODS, P; WILLIAMS, S; GOLDSPIRNK, D; TAN, L; WRIGHT, D
1The Cardiothoracic Centre, Liverpool, United Kingdom; RISES, Liverpool John Moores University, Liverpool, United Kingdom; 2Academic Unit of Molecular Vascular Medicine, University of Leeds, LGI, Leeds, United Kingdom

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MULTI-STAGE IMPROVEMENT IN FUNCTIONAL AND HAEMODYNAMIC STATUS FOLLOWING CARDIAC RESYNCHRONISATION THERAPY
PATWA, A; WOODS, P; CLEMENTS, R; ALBUQUERNE, K; GOLDSPIRNK, D; TAN, L; WRIGHT, D
1The Cardiothoracic Centre, Liverpool, United Kingdom; RISES, Liverpool John Moores University, Liverpool, United Kingdom; 2Academic Unit of Molecular Vascular Medicine, University of Leeds, LGI, Leeds, United Kingdom

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CLINICAL AND ECHOCARDIOGRAPHIC RESPONSE IS SUSTAINED BEYOND 4 YEARS OF CARDIAC RESYNCHRONIZATION THERAPY
GORDON, B; HARRISON, M; CHEW, E
Belfast City Hospital, Belfast, United Kingdom
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THE LONG-TERM COST-EFFECTIVENESS OF CARDIAC RESYNCHRONIZATION THERAPY WITH OR WITHOUT AN IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR: MODEL BASED ANALYSES BASED ON RESULTS FROM THE CARDIAC RESYNCHRONIZATION IN HEART FAILURE TRIAL
Yao, G; Freemantle, N; Calvert, M; Cleland, J; Bryan, S
1University of Birmingham, Birmingham, United Kingdom; "University of Hull, Hull, United Kingdom

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ARE BETA BLOCKERS EFFECTIVE IN ELDERLY PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION? RESULTS FROM THE RANDOMISED, MULTINATIONAL SENIORS TRIAL
Taneja, A; Van Velthuisjen, D; Lechat, P; Shibata, M; Cohen-Solal, A; Poole-Wilson, P; Flather, M
1Royal Brompton Hospital and Imperial College of Science Technology and Medicine, London, United Kingdom; "University Hospital, Groningen, Netherlands; "Hôpital Pitie-Salpetrière, Paris, France; "University of Alberta, Edmonton, Canada; "Hôpital Beaujon, Clichy, France; "National Heart and Lung Institute, Imperial College of Science Technology and Medicine, London, United Kingdom

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TREATMENT OF HEART FAILURE WITH A NORMAL EJECTION FRACTION: THE EFFECT OF DIURETICS WITH IRBESARTAN OR RAMIPRIL ON QUALITY OF LIFE, EXERCISE AND DOPPLER-ECHOCARDIOGRAPHY PARAMETERS
Sanderson, J; Wang, M; Wang, T; Yip, G; Zhang, Y; Fung, J; Lau, C; Tang, M; Yu, C
1Keele University Medical School and University Hospital of North Staffs, Stoke-on-Trent, United Kingdom; "The Chinese University of Hong Kong, SAR, Hong Kong; "Queen Mary Hospital, Hong Kong

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THE ADDITION OF SPIRONOLACTONE TO AN ANGIOTENSIN RECEPTOR BLOCKER INDUCES REVERSE LEFT VENTRICULAR REMODELLING IN CHRONIC HEART FAILURE
Sanderson, J; Chan, A; Wang, T; Wang, M; Zhang, Y; Lam, Y; Yeung, L; Lam, W; Yu, C
1Keele University Medical School and University Hospital of North Staffs, Stoke-on-Trent, United Kingdom; "The Chinese University of Hong Kong, Shatin, Hong Kong

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Moderated Posters

Basic science

Chair: Prof Anna Dominiczak and Prof Derek Yellon

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The sarcolemmal calcium pump modulates calcineurin mediated cardiomyocyte hypertrophy

Buch, M; Maass, A; Pickard, A; Gelles, S; Armesilla, A; Nyeyes, L

1The University of Manchester, Manchester, United Kingdom; 2University of Wuerzburg, Wuerzburg, Germany

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Myocardial production of reactive oxygen species and the negative inotropic effect of $\beta_3$-adrenergic receptor stimulation in nNOS-/- mice

Idigo, W; Zhang, Y; Zhang, M; Casadei, B

University of Oxford, Oxford, United Kingdom

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Erythropoietin mediated protection against ischaemia/reperfusion injury in the human heart is via phosphatidylinositol-3-kinase activation

Mudalagiri, N; Yellon, D

Hatter Institute, University College London, London, United Kingdom

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Contribution of a NOX2 NADPH oxidase to post-myocardial infarction cardiac remodelling

Looi, Y; Grieve, D; Shiva, A; Walker, S; Anilkumar, N; Cave, A; Marber, M; Shah, A

King's College London, London, United Kingdom

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Does dieting affect cardiac high-energy phosphate metabolism and cardiac function? Effects of two weeks of a high-fat, low-carbohydrate diet in healthy subjects

Scheuermann-Freestone, M; Tyler, D; Francis, J; Watson, G; Twerdahl, E; Robbins, P; Neubauer, S; Clarke, K

1OCMR, John Radcliffe Hospital, Oxford, United Kingdom; 2Department of Physiology, Oxford, United Kingdom
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BONE MARROW DERIVED MULTI-POTENT PROGENITOR CELLS AUGMENT PERFUSION OF ISCHAEMIC TISSUES VIA PARACRINE MECHANISMS RATHER THAN BY ENDOTHELIAL DIFFERENTIATION

GRAHAM, C; HONG, S; MATHUR, A; BOEHM, M; WRAGG, A

‘NHLBI/ NIH, Bethesda, United States; ‘Barts and the London, London, United Kingdom

Clinical Science

CHAIR: PROF STEFFAN NEUBAUER AND PROF ADAM TIMMIS

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DO SIMPLE CLINICAL AND ECHOCARDIOGRAPHIC PARAMETERS PREDICT LONG-TERM RESPONSIVENESS TO CARDIAC RESYNCHRONIZATION THERAPY? RESULTS FROM THE CARE-HF TRIAL

GHIO, S; LEYVA, F; FREEMANTLE, N; SEERO, A; MAGRINA, G; SCELSA, L; PASOTTI, M; CLELAND, J; TAVAZZI, L

‘Division of Cardiology, IRCCS Policlinico S. Matteo, University Hospital, Pavia, Italy; ‘Department of cardiology,Good Hope Hospital, Sutton Coldfield, United Kingdom; ‘Department of Primary Care and General Practice,University of Birmingham, Birmingham, United Kingdom; ‘Department of Cardiology, University of Hull, Kingston upon Hull, United Kingdom

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REPERFUSION IN ACUTE MYOCARDIAL INFARCTION: WHERE ADMINISTERED AND OUTCOME IN 40,000 PATIENTS RR WEST, JS BIRKHEAD, CFM WESTON ON BEHALF OF MINAP STEERING GROUP

WEST, R; BIRKHEAD, J; WESTON, C

‘University of Wales College of Medicine, Cardiff, United Kingdom; ‘Northampton General Hospital, Northampton, United Kingdom; ‘Singleton Hospital, Swansea, United Kingdom

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ATTAINMENT OF THE OPTIMUM CLINICAL TARGET FOR HYPERTENSION IS MUCH LESS SUCCESSFUL THAN FOR GMS AUDIT TARGETS IN PATIENTS WITH TYPE 2 DIABETES

AMBERY, P; McCORMACK, T

GlaxoSmithKline, Uxbridge, United Kingdom; ‘Whitby Group Practice, Whitby, United Kingdom

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HIGH DOSE ALLOPURINOL DRAMATICALLY IMPROVES ENDOTHELIAL DYSFUNCTION MORE THAN CONVENTIONAL DOSES IN CHRONIC HEART FAILURE

GEORGE, J; CARR, E; DAVIES, J; STRUTHERS, A

University of Dundee Medical School, Dundee, United Kingdom
237
SUPERIOR CLINICAL AND ECONOMIC IMPACT OF STRESS ECHOCARDIOGRAPHY COMPARED TO EXERCISE ELECTROCARDIOGRAPHY IN PATIENTS WITH SUSPECTED ACUTE CORONARY SYNDROME BUT NEGATIVE TROPONIN: A PROSPECTIVE RANDOMISED CONTROLLED STUDY
JEETLEY, P; BURDEN, L; STOYKOVA, B; SENIOR, R
‘Northwick Park Hospital, Harrow, United Kingdom; ‘Health Economics Research Group, Brunel University, Uxbridge, United Kingdom

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RAY, K; CANNON, C; MORROW, D; CARRIS, P; BRAUNWALD, E
‘Harvard Medical School, Boston, United States; ‘Nottingham Clinical Research Group, Nottingham, United Kingdom

Lomond
11.00-12.30
British Cardiac Society (BCS)/Healthcare Commission
Results of newly commissioned national audits
Interhospital transfer for non-elective cardiac care: heart improvement programme
CHAIR: PROF KEITH FOX AND PROF SIR BRUCE KEOGH
Dr RICHARD LEVY
Inter-hospital transfer for the management of acute coronary syndromes
Dr GORDON MURRAY
Inter-hospital transfer for the management of arrhythmia
Dr AMEET BAKHAI
The economic consequences of inter-hospital transfer for non-elective cardiac care
Dr AMEET BAKHAI

Heart failure improvement programme
Background for the survey
Prof JOHN CLELAND
Results
Dr BARBARA FITTALL
Clinical impact
Prof MARTIN COWIE
Improvement programme
Dr CATE QUINN
Audience and panel discussion
National confidential enquiry into patient outcomes and death (NCEPOD): A study to elucidate the effect of organisational and institutional processes on outcomes following coronary surgery

DR IAN MARTIN

The central cardiac audit database public portal

PROF SIR BRUCE KEOGH AND MR JAMES ROXBURGH

Alsh 11.00-12.30

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Echocardiography 2

CHAIR: DR RACHAEL JAMES AND DR SIMON RAY

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TRANSTHORACIC CONTRAST ECHOCARDIOGRAPHY IN THE DETECTION OF PATENT FORAMEN OVALE

TURLEY, A; THAMBYRAJAH, J; FINN, P; GRIFFITHS, A; DE BELDER, M; STEWART, M

‘The James Cook University Hospital, Middlesbrough, United Kingdom; Teesside University Statistical Department, Middlesbrough, United Kingdom

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THE USE AND ABUSE OF TRANSTHORACIC ECHOCARDIOGRAPHY: CAN LESSONS FROM THE ANALOG PAST SHAPE OUR DIGITAL FUTURE?

CHURCHILL, S; COLCLOUGH, D; WALLIS, A; CURNOW, V; REES, E; IONESCU, A

Morriston NHS Trust, Morriston, United Kingdom

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GOLDMAN, J; DEL BALZO, U; OTTOBONI, T

POINT Biomedical Corp., San Carlos, United States

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Department of Cardiology, King’s College Hospital, London, United Kingdom
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1University of Leeds, Leeds, United Kingdom; 2Leeds General Infirmary, Leeds, United Kingdom; 3John Moores University, Liverpool, United Kingdom; 4Brunel University, London, United Kingdom; 5Copenhagen Muscle Research Centre, Copenhagen, Denmark

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AL SHAREF, O; LIODAKIS, E; DAWSON, D; NIHONIANNOPULOS, P

Hammersmith Hospital, London, United Kingdom

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MARSH, A; NS, G; MARSHALL, H; GAMMAGE, M

1Department of Cardiovascular Medicine, University of Birmingham, Birmingham, United Kingdom; 2Department of Cardiovascular Medicine, University of Leicester, Leicester, United Kingdom; 3University Hospital Birmingham NHS Foundation Trust, Birmingham, United Kingdom

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MAIN, M; EHLGEN, A; TREMBLAY, T; SCHILLER, N; GOLDMAN, J

1Cardiovascular Consultants, Kansas City, United States; 2POINT Biomedical Corp., San Carlos, United States; 3University of California, San Francisco, United States

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Southampton General Hospital, Southampton, United Kingdom
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St George’s Hospital, London, United Kingdom

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1London Chest Hospital, London, United Kingdom; 2Queen Mary University of London, London, United Kingdom; 3Royal London Hospital, London, United Kingdom

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Liverpool Cardiothoracic Centre, Liverpool, United Kingdom

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Cardiothoracic Centre Liverpool, Liverpool, United Kingdom

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1Centro Cuore Columbus, Milan, Italy; 2San Raffaele Hospital, Milan, Italy
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Belfast City Hospital, Belfast, United Kingdom

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Walsgrave Hospital, Coventry, United Kingdom

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Sheffield Teaching Hospitals NHS Trust, Sheffield, United Kingdom

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‘Imperial College London, St Mary’s Hospital, London, United Kingdom; ‘New York University School of
Medicine, New York, United States; ‘Columbia University College of Physicians and Surgeons, New York,
United States
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Dhillon, P; Patel, P; Gray, R; Jacques, A; Chowdhury, R; Aguiar Martins, Y; Tsang, V; Marston, S; Fry, C; McKenna, W; Peters, N

1Imperial College, London, United Kingdom; 2Imperial College St Mary's Campus, London, United Kingdom; 3University College, London, United Kingdom; 4Imperial College Brompton Campus, London, United Kingdom; 5The Heart Hospital, London, United Kingdom

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Chowdhury, R; Cerwantes, D; Kaba, R; Hussain, W; Patel, P; Aguiar-Martins, Y; Wit, A; Peters, N

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Dhillon, P; Patel, P; Gray, R; Jacques, A; Marston, S; Tsang, V; Fry, C; McKenna, W; Peters, N

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Foo, R; Nam, Y; Kitsis, R

1University of Cambridge, Cambridge, United Kingdom; 2Albert Einstein College, New York, United States

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Hausenloy, D; Tsang, A; Yellon, D

The Hatter Institute, University College London, London, United Kingdom

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Marshall, G; Ramon, A; Kane, K; Workman, A

1University of Glasgow, Glasgow, United Kingdom; 2University of Strathclyde, Glasgow, United Kingdom
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Dhakshinamurthy, V; Lim, E; Rawal, U; Shaw, L; Lipkin, D; Lahiri, A

1Cardiac Imaging Centre, Wellington Hospital, London, United Kingdom; 2Cedars Sinai Medical Centre, Los Angeles, United States

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1Western Infirmary, Glasgow, United Kingdom; 2Royal Brompton Hospital, London, United Kingdom; 3American Cardiovascular Research Institute, Atlanta, United States; 4Robertson Centre for Biostatistics, Glasgow, United Kingdom

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1CMR Unit, Royal Brompton Hospital, London, United Kingdom

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1Papworth Hospital, Cambridge, United Kingdom; 2Cardiovascular Medicine, Addenbrooke’s Hospital, Cambridge, United Kingdom; 3Addenbrooke’s Hospital, Cambridge, United Kingdom
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1Cardiothoracic Centre, Liverpool, United Kingdom; 2University of Aberdeen, Aberdeen, United Kingdom; 3Northern General Hospital, Sheffield, United Kingdom; 4Aberdeen Royal Infirmary, Aberdeen, United Kingdom

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Department of Cardiovascular Medicine, University of Oxford, Oxford, United Kingdom

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EDWARDS, N; FERRO, C; TOWNSEND, J; STEEDS, R

University Hospital Birmingham, Birmingham, United Kingdom

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PETERSEN, S; NEUBAUER, S; CHANNON, K

John Radcliffe Hospital/Department Cardiovascular Medicine/University of Oxford, Oxford, United Kingdom

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1University of Oxford, Oxford, United Kingdom; 2University of Wales, Cardiff, United Kingdom; 3John Radcliffe Hospital, Oxford, United Kingdom
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SOULSBY, K; HUDSMITH, L; BELL, J; LUXTON, K; McKENNA, C; ORR, W
Department of Cardiology, Royal Berkshire Hospital, Reading, United Kingdom

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HUDSMITH, L; DE BONO, J; LUXTON, K; McKENNA, C; FOEX, P; ORR, W
1Department of Cardiology, Royal Berkshire Hospital, Reading, United Kingdom; 2Department of Cardiovascular Medicine, The John Radcliffe Hospital, Oxford, United Kingdom; 3Nuffield Department of Anaesthetics, The John Radcliffe Hospital, Oxford, United Kingdom

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MIRJAFARI, H; SARAVANAN, P; PRENDERGAST, B
Wythenshawe Hospital, Manchester, United Kingdom

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1Wessex Cardiac Centre, Southampton, United Kingdom; 2University Hospital of Wales, Cardiff, United Kingdom

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Worcestershire Royal Hospital, Worcester, United Kingdom
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Nicholson, A; Kuper, H; Hemingway, H

1University College London, London, United Kingdom; 2London School of Hygiene and Tropical Medicine, London, United Kingdom

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Taylor, K; Epps, B; Butler, R

1Keele University, Stoke on Trent, United Kingdom; 2University Hospital of North Staffordshire, Stoke on Trent, United Kingdom

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Mahy, I; Parnell, C; Carey, C; Keeling, P; Griffen, G; Shaw, S

1Torbay Hospital, Torquay, United Kingdom; 2University of Plymouth, Plymouth, United Kingdom

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Gale, C; Manda, S; Hall, A

1Academic Unit of Cardiovascular Medicine, Leeds General Infirmary, Leeds, United Kingdom; 2Centre for Epidemiology and Biostatistics, University of Leeds, Leeds, United Kingdom

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Antoniades, C; Shirodaria, C; Leeson, P; Lee, J; Warrick, N; Ratnatunga, C; Pillai, R; Channon, K

1University of Oxford, Cardiovascular Medicine Department, John Radcliffe Hospital, Oxford, United Kingdom; 2John Radcliffe Hospital, Department of Cardiothoracic Surgery, Oxford, United Kingdom
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1University of Oxford, Cardiovascular Medicine Department, Oxford, United Kingdom; 2John Radcliffe Hospital, Department of Cardiothoracic Surgery, Oxford, United Kingdom

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University of Oxford, Oxford, United Kingdom

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John Radcliffe Hospital, University of Oxford, Oxford, United Kingdom

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Evans, D; Crosdale, D; Norman, K; Francis, S; Storey, R
Cardiovascular Research Unit, University of Sheffield, Sheffield, United Kingdom

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Gudmundsdottir, I; Webb, D; Newby, D
1Cardiovascular Sciences, University of Edinburgh, Edinburgh, United Kingdom; 2University of Edinburgh, Edinburgh, United Kingdom

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Smith, S; Judge, H; Davy, M; Storey, R
University of Sheffield, Sheffield, United Kingdom
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EZZAT, V; DUNCAN, E; WHEATCROFT, S; SHAH, A; KEARNEY, M
King’s College London, London, United Kingdom

IN-STENT STENOSIS IN APOLIPOPROTEIN-E KNOCKOUT MICE: A NOVEL MOUSE MODEL OF BALLOON ANGIOPLASTY AND STENTING

AU, Z; ALI, N; LUPTON, H; ARNOLD, N; WHEATCROFT, M; HU, Y; GREAVES, D; GUNN, J; CHANNON, K
‘University of Oxford, Oxford, United Kingdom; ‘Brivant Medical Engineering, Galloway, Ireland; ‘University of Sheffield, Sheffield, United Kingdom; ‘St George’s Hospital Medical School, London, United Kingdom

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ABRAMS, D; EARLEY, M; SPORTON, S; SCHILLING, R
St Bartholomew’s Hospital, London, United Kingdom

BY PACING AT INCREASED RATES AT REST IT IS POSSIBLE TO PREDICT THE HAEMODYNAMIC OPTIMAL AV DELAY OF BIVENTRICULAR PACING DETERMINED DURING EXERCISE

WHINNETT, Z; DAVIES, J; BRISCOE, C; WILLSON, K; FOOLE, R; DAVIES, D; HUGHES, A; MAYET, J; FRANCIS, D
‘St Mary’s Hospital and Imperial College London, London, United Kingdom; ‘The Royal Brompton Hospital, London, United Kingdom

ANALYSIS OF ACTION POTENTIAL DURATION RESTITUTION DURING SYMPATHETIC NERVE STIMULATION VERSUS PACING - EFFECT OF IKS INHIBITION

MANTRAJUDI, R; CHOI, B; SALAMA, G; NG, G
‘University of Leicester, Leicester, United Kingdom; ‘University of Pittsburgh, Pittsburgh, United States; ‘Glenfield Hospital / University of Leicester, Leicester, United Kingdom
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WHIRNEET, Z; DAVIES, J; WILLSON, K; MANISTY, C; CHOW, A; FOALE, R; DAVIES, D; HUGHES, A; MAYET, J; FRANCES, D

1St Mary's Hospital and Imperial College London, London, United Kingdom; 2The Royal Brompton Hospital, London, United Kingdom; 3The Heart Hospital, London, United Kingdom

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CLELAND, J; FREEMANTLE, N; TAIZZI, L; CALVERT, M; ERIEMANN, E; KAPPENBERGER, L; GRAS, D; DAUBERT, J

1University of Hull, Kingston upon Hull, United Kingdom; 2University of Birmingham, Edgbaston, United Kingdom; 3IRCCS Policlinico S.Matteo, Pavia, Italy; 4University of Cologne, Cologne, Germany; 5Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland; 6Nouvelles Cliniques Nantaises, Nantes, France; 7Hospital Pontchaillou, Rennes, France

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SAVILEVA, I; JONES, S; DOUGAL, K; MALIK, M; ROWLAND, E

1St George's University of London, London, United Kingdom; 2St George's Hospital, London, United Kingdom

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University of Cambridge, Cambridge, United Kingdom

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FOX, D; FITZWTRICK, A; WILLIAMS, S; KHAFTAR, R; CLAYTON, N; DAVIDSON, N

1Manchester Heart Centre, Manchester Royal Infirmary, UK, Manchester, United Kingdom; 2North West Regional Cardiac Centre, Wythenshawe, Manchester, United Kingdom
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Hall, M; Kirubakaran, S; Peters, N; Garratt, C  
‘Manchester Heart Centre, Manchester, United Kingdom; ‘Imperial College, London, United Kingdom
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‘Darlington Memorial Hospital, Darlington, United Kingdom; ‘Bishop Auckland General Hospital, Bishop Auckland, United Kingdom
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‘Darlington Memorial Hospital, Darlington, United Kingdom; ‘Castle Hill Hospital, Hull, United Kingdom; ‘Queen Elizabeth Hospital, Birmingham, United Kingdom
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‘Acute Hospital Portfolio, Healthcare Commission, London, United Kingdom; ‘Barnet & Chase Farm NHS Trust, London, United Kingdom; ‘Castle Hill Hospital, University of Hull, Kingston-upon-Hull, United Kingdom; ‘National Heart & Lung Institute, Imperial College, London, United Kingdom; ‘Western Infirmary, University of Glasgow, Glasgow, United Kingdom
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ZAPHIRIOU, A; MULLIGAN, K; HAGRAVE, P; PATTERSON, D; COWIE, M; NEWMAN, S; HARDMAN, S*
1National Heart & Lung Institute, Imperial College and Whittington Hospital, London, United Kingdom; 2The Centre For Behavioural And Social Sciences In Medicine, UCL, London, United Kingdom; Clinical Cardiology, Whittington Hospital, London, United Kingdom; Clinical and Academic Cardiology, Whittington & UCL Hospitals, London, United Kingdom; 4National Heart & Lung Institute, Imperial College, London, United Kingdom

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1University of East Anglia, Norwich, United Kingdom; 2Norfolk and Norwich University Hospital NHS Trust, Norwich, United Kingdom; 3ISD Scotland, Edinburgh, United Kingdom; 4Great Yarmouth Primary Care Trust, Great Yarmouth, United Kingdom

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King's College Hospital, London, United Kingdom

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MACDONALD, M; HAWKINS, N; SHAW, M; MCMURRAY, J; DARIE, H; PETRE, M*
1Glasgow Royal Infirmary, Glasgow, United Kingdom; 2Stobhill Hospital, Glasgow, United Kingdom; 3Western Infirmary, Glasgow, United Kingdom

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1Imperial College, London, United Kingdom; 2The Hillingdon Hospital, London, United Kingdom; 3The Conquest Hospital, East Sussex, United Kingdom; 4The Whittington Hospital, London, United Kingdom
EMERGING EVIDENCE FOR IMPROVED SURVIVAL FOR PATIENTS WITH NEWLY DIAGNOSED HEART FAILURE IN THE UK

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Lomond 12.30-13.30

Debate
An early invasive strategy is the preferred treatment for patients with non-STEMI acute coronary syndromes

CHAIR: DR JOHN BIRKHEAD AND DR NICHOLAS BROOKS

For: DR KEITH FOX
Against: DR KEVIN CHANNER

Close 13.30
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Welcome to this year’s British Cardiac Society Annual Scientific Conference. I very much hope that you will enjoy the meeting. The Programme Committee has worked to develop the style and content of the programme to fit best with the needs of our members and the Affiliate Groups of the Society.

As last year, the meeting is three and a half days long and covers the training, CPD and scientific research of members of the Society. There are a few developments and updates that I should highlight:

- The amount of CPD has been expanded on Wednesday and Thursday. This will ensure that there will be a wide range of presentations for those members who can only make the meeting on those two days.
- The number of abstracts has been expanded. This now means that we have a 30% acceptance rate. The total number of abstracts submitted has remained constant.
- The Young Research Worker’s Prize continues with a large number of applications. We have increased the unopposed nature of the session and this has allowed for expansion of CPD and abstract presentations.
- Two practical workshops have been introduced on the Wednesday of the meeting. These deal with common practical issues in cardiology and have been prepared by BCIS and BSE.
- The highest ranked abstracts are being presented in the Judge’s Choice and Medalised Poster sessions on Thursday.
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- There are three new Lectures. All three will deliver the last in the series celebrating the life of Michael Davies. The lecture opening the meeting will be given by Martin Davies and will cover the history of the Society. The Lectures will be delivered by Rob Califf.

On behalf of the Affiliate Groups and the Programme Committee, I would like to welcome you to you and I hope you have an enjoyable and informative meeting.

David Groeger
Chairman of the Programme Committee
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- The Young Research Workers’ Prize continues with a large number of applications. We have increased the expected duration of the session and this has allowed for expansion of CFP and abstract presentations.
- Two practical workshops have been introduced on the Wednesday of the meeting. They deal with common practical issues in cardiology and have been prepared by BCS and BSE.
- The highest ranked abstracts are being presented in the Judes’ Choice and Medalised Paper sessions on Thursday.
- There are three non-abstracts. N. Michelena will deliver the last in the series ‘Celebrating the Life of Michael Davies’. The lecture opening the meeting will be given by Martin Biber and will be in honour of Walter Somerville and the Thomas Lewis Lecture will be delivered by Rob Califf.

On behalf of the Society, the Affiliated Groups and the Programme Committee, I extend a very warm welcome to you and I hope you have an enjoyable and informative meeting.

David Crossman
Chairman of the Programme Committee