

## Editor

Roger J Hall (UK)

## Commissioning Editor

Iain Simpson (UK)

## Associate Editors

Adrian P Banning (UK)  
Jeroen Bax (The Netherlands)  
Eric Butchart (UK)  
Keith Channon (UK)  
Andrew Clark (UK)  
Filippo Crea (Italy)  
David Crossman (UK)

## International Advisory Board

C Acar (France)  
F Andreotti (Italy)  
F Attie (Mexico)  
P Aylward (Australia)  
P Bagger (UK)  
S Bhandari (India)  
G Baxter (UK)  
G Beller (USA)  
M Bennett (UK)  
J Bermejo (Spain)  
M Burch (UK)  
P Camici (UK)  
D Celermajer (New Zealand)  
K Channon (UK)  
A Cheng (Singapore)  
A Clark (UK)  
J Clementy (France)  
S Cobbe (UK)  
L Cohen (USA)  
S Connolly (Canada)  
M Cowie (UK)  
N Danchin (France)  
C di Mario (UK)  
M Enriquez-Sarano (USA)  
J-N Fabiani (France)  
P Fitzgerald (USA)  
K Fox (UK)  
R J Gibbons (USA)  
P Grayburn (USA)  
J Gunn (UK)  
A Haverich (Germany)  
G Heusch (Germany)  
P Jais (France)  
K Karsch (UK)  
J Carlos Kaski (UK)  
S Kaul (USA)  
B Keavney (UK)  
B Keogh (UK)  
R Kloner (USA)  
C Kluff (The Netherlands)  
M Komajda (France)  
C Choy Lang (Malaysia)  
G A Lanza (Italy)  
C Leclercq (France)  
M Legget (New Zealand)  
G Lip (UK)  
P Ludman (UK)  
T Luscher (Switzerland)  
P MacCarthy (UK)  
A Maggioni (Italy)

## Deputy Editor

David Lefroy (UK)

## Series Editor, Education in Heart

Peter Mills (UK)

John L Gibbs (UK)  
Bernard Jung (France)  
Theresa A McDonagh (UK)  
Andreas Mügge (Germany)  
Petros Nihoyannopoulos (UK)  
Catherine M Otto (USA)

B Maron (USA)  
T Marwick (Australia)  
W McKenna (UK)  
J McMurray (UK)  
B Meier (Switzerland)  
N Moat (UK)  
J-L Monin (France)  
M Mullen (UK)  
B Munt (Canada)  
A Murday (UK)  
S Neubauer (UK)  
D Newby (UK)  
C Newman (UK)  
S Ohri (UK)  
D Pennell (UK)  
P Pibarot (Canada)  
M Picard (USA)  
B Prendergast (UK)  
P Punjabi (UK)  
S Rahimtoola (USA)  
M Redfield (USA)  
S Redwood (UK)  
D Sahn (USA)  
J Sanderson (UK)  
J Scott (UK)  
U Sechtem (Germany)  
A Shah (UK)  
M-F Shiu (UK)  
L D R Smith (UK)  
J Soler-Soler (Spain)  
G Specchia (Italy)  
M St John Sutton (USA)  
C Stefanadis (Greece)  
W Stevenson (USA)  
K Taylor (UK)  
J Thomas (USA)  
A Timmis (UK)  
E Topol (USA)  
P Tornos (Spain)  
D Tousoulis (Greece)  
A Vahanian (France)  
P Vardas (Greece)  
S Viskin (Israel)  
C Visser (Netherlands)  
N Watanabe (Japan)  
H Watkins (UK)  
G Webb (Canada)  
S Lee Weinberg (USA)  
H White (New Zealand)  
W Wijns (Belgium)  
J Yoshikawa (Japan)  
Editor: *British Medical Journal*

## Guidelines for authors and reviewers

Full instructions are available online at  
[www.heart.bmjournals.com/ifora](http://www.heart.bmjournals.com/ifora)

## Subscription information

See p iv

## Copyright

© 2006 BMJ Publishing Group and British Cardiovascular Society. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior permission. Authors are required to grant *Heart* an exclusive licence to publish; further details available online at [www.heartjnl.com/misc/ifora.shtml](http://www.heartjnl.com/misc/ifora.shtml)

- *Heart* is published by BMJ Publishing Group, typeset by The Charlesworth Group, and printed in UK on acid-free paper by Latimer Trend
- Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *Heart*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



## Editorials

- 1537 Heart failure: statins for all? *A F Leite-Moreira, P Castro-Chaves*
- 1539 Risk scoring for percutaneous coronary intervention: let's do it! *A Siotia, J Gunn*
- 1541 Stenting the mildly obstructive aortic arch: useful treatment or oculo-inflatory reflex? *K M English*

## Heart review

- 1544 Clinical appraisal of arterial stiffness: the Argonauts in front of the Golden Fleece  
*C Vlachopoulos, K Aznaouridis, C Stefanadis*

## Mini-symposium

- 1551 The pathology of myocardial infarction in the era of interventional cardiology: introduction  
*P J Gallagher, H-A Lehr*
- 1552 The pathology of myocardial infarction in the pre- and post-interventional era  
*M Pasotti, F Prati, E Arbustini*
- 1557 Pathological changes in the coronary arteries in the acute coronary syndromes  
*M M Kockx, M W Knaapen*
- 1559 The pathophysiology of myocardial reperfusion: a pathologist's perspective  
*C Basso, G Thiene*

## Cardiovascular medicine

- 1563 Short-term and long-term outcomes in 133 429 emergency patients admitted with angina or myocardial infarction in Scotland, 1990–2000: population-based cohort study  
*S Capewell, N F Murphy, K MacIntyre, S Frame, S Stewart, J W T Chalmers, J Boyd, A Finlayson, A Redpath, J J V McMurray*
- 1571 Magnitude and consequences of undertreatment of high-risk patients with non-ST segment elevation acute coronary syndromes: insights from the DESCARTES Registry  
*M Heras, H Bueno, A Bardaji, A Fernández-Ortiz, H Martí, J Marrugat, on behalf of the DESCARTES Investigators*
- 1577 Influences of electrocardiographic ischaemia grades and symptom duration on outcomes in patients with acute myocardial infarction treated with thrombolysis versus primary percutaneous coronary intervention: results from the DANAMI-2 trial  
*M Sejersten, Y Birnbaum, R S Ripa, C Maynard, G S Wagner, P Clemmensen, for the DANAMI-2 Investigators*
- 1583 Retinal vascular calibre and the risk of coronary heart disease-related death  
*J J Wang, G Liew, T Y Wong, W Smith, R Klein, S R Leeder, P Mitchell*



[www.publicationethics.org.uk](http://www.publicationethics.org.uk)

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

- 1588 Restrictive diastolic filling predicts death after acute myocardial infarction: systematic review and meta-analysis of prospective studies *G A Whalley, G D Gamble, R N Doughty*
- 1595 Primary prevention of cardiovascular disease: a web-based risk score for seven British black and minority ethnic groups *P Brindle, M May, P Gill, F Cappuccio, R D'Agostino Sr, C Fischbacher, S Ebrahim*
- 1603 Short-term statin treatment improves endothelial function and neurohormonal imbalance in normocholesterolaemic patients with non-ischaemic heart failure *C H Strey, J M Young, J H Lainchbury, C M Frampton, M G Nicholls, A M Richards, R S Scott*
- 1610 Non-steroidal anti-inflammatory drugs and risk of first hospital admission for heart failure in the general population *C Huerta, C Varas-Lorenzo, J Castellsague, L A García Rodríguez*
- 1616 Prolonged mechanical systole and increased arterial wave reflections in diastolic dysfunction *T Weber, J Auer, M F O'Rourke, C Punzengruber, E Kvas, B Eber*
- 1623 Plasma brain natriuretic peptide concentrations in patients undergoing pulmonary vein isolation *T Date, T Yamane, K Inada, S Matsuo, S Miyanaga, K Sugimoto, K Shibayama, I Taniguchi, S Mochizuki*
- 1628 Haemodynamic effects of changes in atrioventricular and interventricular delay in cardiac resynchronisation therapy show a consistent pattern: analysis of shape, magnitude and relative importance of atrioventricular and interventricular delay *Z I Whinnett, J E R Davies, K Willson, C H Manisty, A W Chow, R A Foale, D Wyn Davies, A D Hughes, J Mayet, D P Francis*
- 1635 Promotion of proinflammatory interactions between platelets and monocytes by unfractionated heparin *S A Harding, J N Din, J Sarma, D H Josephs, K A A Fox, D E Newby*
- 1639 Prognostic value of N-terminal pro-B-type natriuretic peptide for conservatively and surgically treated patients with aortic valve stenosis *M Weber, M Hausen, R Arnold, H Nef, H Moellman, A Berkowitsch, A Elsaesser, R Brandt, V Mitrovic, C Hamm*
- 1645 Assessment of cardiac risk before non-cardiac surgery: brain natriuretic peptide in 1590 patients *J Dornellis, M Panaretou*
- 1651 Predictors of patients' preferences for treatments to prevent heart disease *T Marshall, S Bryan, P Gill, S Greenfield,*

*K Gutridge, Birmingham Patient Preferences Group*

- 1656 Rapid screening for major depression in post-myocardial infarction patients: an investigation using Beck Depression Inventory II items *J C Huffman, F A Smith, M A Blais, M E Beiser, J L Januzzi, G L Fricchione*

## Interventional cardiology and surgery

- 1661 Stenting of hypoplastic aortic segments with mild pressure gradients and arterial hypertension *D Boshoff, W Budts, L Mertens, B Eyskens, T Delhaas, B Meyns, W Daenen, M Gewillig*
- 1667 Hospital volume of throughput and periprocedural and medium-term adverse events after percutaneous coronary intervention: retrospective cohort study of all 17 417 procedures undertaken in Scotland, 1997–2003 *K R Burton, R Slack, K G Oldroyd, A C H Pell, A D Flapan, I R Starkey, H Eteiba, K P Jennings, R J Northcote, W Stewart Hillis, J P Pell*

## Congenital heart disease

- 1673 Myocardial scars determined by delayed-enhancement magnetic resonance imaging and positron emission tomography are not common in right ventricles with systemic function in long-term follow up *S Fratz, M Hauser, F M Bengel, A Hager, H Kaemmerer, M Schwaiger, J Hess, H C Stern*

## Basic research

- 1678 Assessment of the relationship between cerebral and splanchnic oxygen saturations measured by near-infrared spectroscopy and direct measurements of systemic haemodynamic variables and oxygen transport after the Norwood procedure *J Li, G S Van Arsdell, G Zhang, S Cai, T Humpl, C A Caldarone, H Holtby, A N Redington*

## Scientific letters

- 1686 Is heart rate variability a valid parameter to predict sudden death in patients with Becker's muscular dystrophy? *E Ammendola, V Russo, L Politano, L Santangelo, R Calabrò*
- 1688 Postural sway in patients with syncope and poor orthostatic tolerance *V E Claydon, R Hainsworth*

- 1690 Different effects of atenolol and nebivolol on coronary flow reserve *H Gullu, D Erdogan, M Caliskan, D Tok, I Yildirim, A T Sezgin, H Muderrisoglu*
- 1692 Exercise does not cause an arm-leg blood pressure gradient in healthy children *C E Young, G G S Sandor, J E Potts*

## Education in Heart

- 1694 Epidemiology and antibiotic treatment of infective endocarditis: an update *B Hoen*
- 1701 Childhood risk factors for adult cardiovascular disease and primary prevention in childhood *D S Celermajer, J G J Ayer*
- 1707 Treating patients with ventricular ectopic beats *G A Ng*

## Miscellanea

- 1543 Images in cardiology: Coronary artery giant aneurysm with fistulas to the left ventricular diverticulum *T Yamawaki, T Uchida*
- 1550 Images in cardiology: Mycotic aneurysm complicating prosthetic valve endocarditis *K Maurer, T Krauss, A Zirlik*
- 1562 Images in cardiology: Live three dimensional echocardiography in evaluation of left ventricular to right atrial shunt (Gerbode defect) *I Agoston, J Esquivel-Avila, M Ahmad*
- 1570 Images in cardiology: Stent angioplasty in aortic arch interruption *G Santoro, M G Russo, R Calabrò*
- 1594 Images in cardiology: Prolapsing left atrial myxoma causing severe pulmonary hypertension: dynamic echocardiographic and magnetic resonance imaging *N Moorjani, S Harden, T Wells, G Tsang*

- 1609 Images in cardiology: Sign of the times *D R Ramsdale, K A Ramsdale*
- 1622 Images in cardiology: Angiographic presentation of sinus of Valsalva aneurysm *M Handke, M Göpfrich, H Keller*
- 1627 Images in cardiology: New insight into the tricuspid valve in Ebstein anomaly using three-dimensional echocardiography *S Parranon, S Abadir, P Acar*
- 1627 Images in cardiology: Endothelialisation of an autologous pericardial valve implanted in the aortic position *C Efthymiou, R Kaiche, R Pillai*
- 1634 Images in cardiology: Multislice cardiac computed tomographic images of anomalous origin of the left circumflex artery from the right coronary sinus *M Weininger, M Beer, D Hahn, M Beissert*
- 1644 Images in cardiology: Carbomedics bi-leaflet aortic valve prosthesis: a sticky problem *F Osman, P Ludman, R Steeds*
- 1650 Images in cardiology: Focal femoral artery narrowing caused by suture mediated closure device *J-Y Moon, S Park, D Choi*
- 1660 Images in cardiology: Sneddon's syndrome: cardiac involvement detected by magnetic resonance imaging *K Nassenstein, F Breuckmann, J Dissemond, J Barkhausen*
- 1666 Images in cardiology: Severe hypothermia showing Osborn waves associated with transient atrial fibrillation and ST segment depression *J Benezet-Mazuecos, B Ibanez, J Farre*
- 1691 Web Top 10
- 1693 Images in cardiology: Cardiac arrest after occlusion of anomalous origin of left main artery *A P Mansur, R B Ramos, E R da Silva, J A F Ramires*



This logo indicates an article that was published online first ahead of print