

Heart

Formerly British Heart Journal
Journal of the British Cardiac Society

Editor

Roger J Hall

Deputy Editor

David Lefroy

Commissioning Editor

Peter Mills

Associate Editors

Adrian P Banning, Gary F Baxter, Martin Cowie, Filippo Crea, John L Gibbs, Bernard Jung, Andreas Mügge, Iain A Simpson

US Associate Editor

Catherine M Otto
(Washington)

JournalScan Editor

Iqbal S Malik

Statistical Advisor

Ian Ford

Managing Editor

Janet O'Flaherty

Technical Editor

John Weller

Editorial Assistants

Ian Betteridge
Hannah Schlesinger

International Advisory Board

Gianni de Angelini (UK)
Faustine Attie (Mexico)
Philip E G Aylward (Australia)
George A Beller (USA)
Martin R Bennett (UK)
Nicholas A Boon (UK)
Roger M Boyle (UK)
Paulo G Camici (UK)
Terry Campbell (Australia)
Alfred Cheng (Singapore)
Stuart M Cobbe (UK)
Lawrence S Cohen (USA)
David C Crossman (UK)
Nicolas Danchin (France)
Henry J Dargie (UK)
Mark A de Belder (UK)
Pim J de Feyter (Netherlands)
Carlo di Mario (Italy)
Jean-Noel Fabiani (France)
Roberto Ferrari (Italy)
Peter J Fitzgerald (USA)
Keith A A Fox (UK)
D S Gambhir (India)
Clifford J Garratt (UK)
Marc H Gewillig (Belgium)
Sally Greaves (New Zealand)
Jorgen Fischer Hansen (Denmark)
Axel Haverich (Germany)
Otto M Hess (Switzerland)
Gerd Heusch (Germany)
Pierre Jais (France)
Jean Kachaner (France)
Sanjiv Kaul (USA)
Bruce Keogh (UK)
Robert A Kloner (USA)
Cornelius Kluyt (Netherlands)
Michael Komajda (France)
S Krishnaswami (India)
C C Lang (Malaysia)

Herve LeMarec (France)
Janet M McComb (UK)
Bernard Meier (Switzerland)
R Gordon Murray (UK)
Catherine M Otto (USA)
Dudley J Pennell (UK)
Shahbudin H Rahimtoolah (USA)
John Sanderson (Hong Kong)
Maurice E Sarano (USA)
Pinchas Sareli (South Africa)
James Scott (UK)
Ajay M Shah (UK)
Man Fai Shiu (UK)
Jordi Soler-Soler (Spain)
Giuseppe Specchia (Italy)
Martin St John Sutton (USA)
William G Stevenson (USA)
Kenneth M Taylor (UK)
Adam D Timmis (UK)
James D Thomas (USA)
Eric Topol (USA)
Dimitris Tousoulis (Greece)
Pavlos K Toutouzas (Greece)
Tom Treasure (UK)
Alec Vahanian (France)
Cees A Visser (Netherlands)
Ludwig K von Segesser (Switzerland)
Carole A Warnes (USA)
Hugh Watkins (UK)
Gary Webb (Canada)
Sylvan Lee Weinberg (USA)
Harvey D White (New Zealand)
Peter Wilde (UK)
Neil Wilson (UK)
Junichi Yoshikawa (Japan)
Editor: British Medical Journal
Editor Emeritus: Michael J Davies

Instructions to authors

Full instructions are available online at www.heartjnl.com/misc/ifora.shtml

If you do not have web access please contact the editorial office:
Heart

9 Fitzroy Square
London W1T 5HW, UK
Telephone +44 (0) 20 7383 4006
Fax +44 (0) 20 7388 0323
Email heartjournal@bmjgroup.com

Subscription information

See page ii

Copyright

© 2002 Heart. 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 the prior permission of Heart

Authors are required to grant Heart an exclusive licence to publish; further details available online at www.heartjnl.com/misc/ifora.shtml

- Heart is published by BMJ Publishing Group and printed in UK on acid free paper by Stephens and George Magazines Limited, Merthyr Tydfil
- Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: Heart, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



contents HEART

Volume 87 Number 2 February 2002

Editorials

- 97 Introducing a new role for BNP: as a general indicator of cardiac structural disease rather than a specific indicator of systolic dysfunction only *A D Struthers*
- 99 Warm up phenomenon and preconditioning in clinical practice *F Tomai*
- 101 Observational research in the evidence based environment: eclipsed by the randomised controlled trial? *R H Stables*

Viewpoint

- 103 Good clinical practice and informed consent are inseparable *L Doyal*

Review

- 107 Inflammatory gene polymorphisms and ischaemic heart disease: review of population association studies *F Andreotti, I Porto, F Crea, A Maseri*

JournalScan

- 113 Cardiovascular highlights from non-cardiology journals

Cardiovascular medicine

- 115 Does a selective adenosine A₁ receptor agonist protect against exercise induced ischaemia in patients with coronary artery disease? *A D Kelion, T P Webb, M A Gardner, O J M Ormerod, G L Shepherd, A P Banning*
- 121 Left ventricular long axis function in diastolic heart failure is reduced in both diastole and systole: time for a redefinition? *G Yip, M Wang, Y Zhang, J W H Fung, P Y Ho, J E Sanderson*
- 126 Epidemiology of idiopathic cardiomyopathy in Japan: results from a nationwide survey *K Miura, H Nakagawa, Y Morikawa, S Sasayama, A Matsumori, K Hasegawa, Y Ohno, A Tamakoshi, T Kawamura, Y Inaba*
- 131 Value of plasma B type natriuretic peptide measurement for heart disease screening in a Japanese population *M Nakamura, H Endo, M Nasu, N Arakawa, T Segawa, K Hiramori*
- 136 Factors predicting compensatory vascular remodelling of the carotid artery affected by atherosclerosis *D Saito, T Oka, A Kajiyama, N Ohnishi, T Shiraki*

Interventional cardiology and surgery

- 140 Quality of life of patients with chronic stable angina before and four years after coronary revascularisation compared with a normal population *B Brorsson, S J Bernstein, R H Brook, L Werkö, for the SECOR/SBU Project Group*

Congenital heart disease

- 146 Outcome of infants with right atrial isomerism: is prognosis better with normal pulmonary venous drainage?
Y F Cheung, V Y W Cheng, A K T Chau, C S W Chiu, T C Yung, M P Leung

Basic research

- 153 Tumour necrosis factor α gene polymorphism: a predisposing factor to non-ischaemic myocardial dysfunction?
C G Densem, I V Hutchinson, N Yonan, N H Brooks

Scientific letters

- 156 Is the value of QT dispersion a valid method to foresee the risk of sudden death? A study in Becker patients
Ge Nigro, G Nigro, L Politano, L Santangelo, V R Petretta, L Passamano, F Panico, F De Luca, A Montefusco, L I Comi
- 158 Endogenous, local, vascular endothelial growth factor production in patients with chronic total coronary artery occlusions: further evidence for its role in angiogenesis
H El-Gendi, A G Violaris, R Foale, H S Sharma, D J Sheridan
- 160 Determinants of procedural outcome of chronically implanted pacemaker and defibrillator leads using the Excimer laser sheath
C A Rinaldi, J Bostock, N Patel, C A Bucknall

Education in Heart

- 162 The "no-reflow" phenomenon: basic science and clinical correlates
T Reffelmann, R A Kloner
- 169 Hypertrophic cardiomyopathy: management, risk stratification, and prevention of sudden death
W J McKenna, E R Behr
- 177 Cardiac transplantation
M C Deng

Electronic pages

- e1 Reversible left ventricular dysfunction "takotsubo" cardiomyopathy associated with pneumothorax
Y J Akashi, M Sakakibara, F Miyake
- e2 Myocardial infarction during adenosine stress test
J E Polad, L M Wilson
- e3 Unusual case of refractory hypertension: late presentation of the mid-aortic syndrome
S Kumar, R W Bury, D H Roberts

Miscellanea

- 98 Images in cardiology: Contrast enhanced magnetic resonance angiography of severe aortic coarctation
R-S Tan, M T Dahdal, R H Mohiaddin
- 100 Stamps in cardiology: British Heart Foundation
M K Davies, A Hollman
- 106 Electronic pages
- 112 Images in cardiology: Misleading appearance of a left atrial thrombus as a cystic mass on transoesophageal echocardiography
M Cemrý, A Erkan, A Cengel
- 114 Web Top 10
- 130 Images in cardiology: Inhibition of temporary pacing by a mobile phone
T R Betts, I A Simpson
- 135 Images in cardiology: Embolism of an idiopathic pulmonary artery aneurysm
P Mann, D Seriki, P A Dodds
- 157 Images in cardiology: Magnetic resonance angiography in the evaluation of aortic pseudoaneurysm
R S Lankipalli, M Pellecchia, J F Burke
- 159 Images in cardiology: Evaluation of pulmonary atresia with magnetic resonance imaging
J Baque, J-F Paul
- 161 Images in cardiology: Anomalous origin of the posterior descending artery from the left anterior descending coronary artery: cardiac surgeons beware
L C H John



See p 159



See p 161