

Heart

Formerly *British Heart Journal*
Journal of the British Cardiovascular Society

Editor

Adam D Timmis (UK)

Deputy Editor

John E Sanderson (UK)

Commissioning Editor

Iqbal Malik (UK)

Technology and Guidelines in Heart

Ceri Davies (UK)

Images in Cardiology

Ajay Jain (UK)
Andrew Wragg (UK)

JournalScan

Alistair Lindsay

Correspondence Editor

Michael Burch

Associate Editors

Jeroen Bax (Netherlands)
Michael Burch (UK)
Keith Channon (UK)
Andrew Clark (UK)
Gene Feder (UK)
Brian Griffin (USA)

Bernard Keavney (UK)
Charles Knight (UK)
Jim Nolan (UK)
Raphael Rosenhek (Austria)
Richard Schilling (UK)
Cheuk-Man Yu (Hong Kong)

Statistical Advisor

Alex McConnachie

Education in Heart

Series Editor

Peter Mills

Project Manager

John Weller

Section Editors

Jeroen Bax, Martin Cowie, Pim de Feyter, Christian Hamm,
Catherine M Otto, Richard Schilling, Alec Vahanian

Editorial Assistant

Stephanie Watkins

Production Editor

Sophie Pezaro

Managing Editor

Janet O'Flaherty

Development Editor

Claire Jura

International Advisory Board

See full details page iv

Impact Factor 3.708

Guidelines for authors and reviewers

Full instructions are available online at <http://heart.bmj.com/fora>. All papers must be submitted via Bench>Press at <http://submit-heart.bmj.com>

Subscription information

See p iv

Disclaimer

Heart is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association, and the British Cardiovascular Society. The BMA grants editorial freedom to the Editor of *Heart*. *Heart* follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

Heart is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group Ltd, the British Cardiovascular Society or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group Ltd shall not be liable for any loss, injury or damage resulting from the use of *Heart* or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright

© 2007 BMJ Publishing Group Ltd 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 of *Heart*

• Authors are required to grant *Heart* an exclusive licence to publish; further details available online at <http://heart.bmj.com/fora/licence.dtl>

• *Heart* is published by BMJ Publishing Group Ltd, typeset by The Charlesworth Group, and printed in UK on acid-free paper by Latimer Trend & Co Ltd, Plymouth, UK

• Periodicals postage paid, Rahway, New Jersey, USA. Postmaster: send address changes to: *Heart*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



contents HEART

Volume 93 Number 9 September 2007

Featured editorial

- 1011 More about the "ARB MI paradox"
A S Hall, M H Strauss

Editorials

- 1015 ACE inhibitors: back to prime time? *M Gupta, S Verma, G B J Mancini*
- 1017 New guidelines for cardiac resynchronisation therapy: simplicity or complexity for the doctor? *C Leclercq*
- 1020 Endothelial progenitor cells, endothelial cell dysfunction and much more: observations from cardiac syndrome X *P K Y Goon, G Y H Lip*
- 1022 Influence of tooth loss on cardiovascular mortality *F D'Aiuto, N Donos*
- 1024 Consent bias in research: how to avoid it *C Junghans, M Jones*

Review

- 1026 Renin: friend or foe? *M J Brown*

Original research

Cardiac imaging and non-invasive testing

- 1034 Tissue synchronisation imaging accurately measures left ventricular dyssynchrony and predicts response to cardiac resynchronisation therapy *N R Van de Veire, G B Bleeker, J De Sutter, C Ypenburg, E R Holman, E E van der Wal, M J Schalij, J J Bax*
- 1040 Use of automatic exposure control in multislice computed tomography of the coronaries: comparison of 16-slice and 64-slice scanner data with conventional coronary angiography *A Deetjen, S Möllmann, G Conradi, A Rolf, A Schermund, C W Hamm, T Dill*

Heart failure and cardiomyopathy

- 1044 Determinants of implantable defibrillator discharges in high-risk patients with hypertrophic cardiomyopathy *A Woo, D Monakier, L Harris, A Hill, P Shah, E D Wigle, H Rakowski, E Rozenblyum, D A Cameron*
- 1046 Circulating endothelial progenitor cells and clinical outcome in patients with congestive heart failure *Y Michowitz, E Goldstein, D Wexler, D Sheps, G Keren, J George*

Heart rhythm disorders and pacemakers

- 1051 Syncope and QT prolongation among patients treated with methadone for heroin dependence in the city of Copenhagen *S Fanoë, C Hvidt, P Ege, G B Jensen*
- 1056 Cigarette smoking induces atrial fibrosis in humans via nicotine *A Goette, U Lendeckel, A Kuchenbecker, A Bukowska, B Peters, H U Klein, C Huth, C Röcken*



www.publicationethics.org.uk

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

Heart: first published as on 1 September 2007. Downloaded from <http://heart.bmj.com/> on June 15, 2024 by guest. Protected by copyright.

1064 **Endothelial function**
Vascular endothelial function and circulating endothelial progenitor cells in patients with cardiac syndrome X
P-H Huang, Y-H Chen, Y-L Chen, T-C Wu, J-W Chen, S-J Lin

1071 Circulating endothelial progenitor cells in patients with cardiac syndrome X
H Shmilovich, V Deutsch, A Roth, H Miller, G Keren, J George

1077 **Acute coronary syndromes**
B-type natriuretic peptide release in the coronary effluent after acute transient ischaemia in humans
D A Pascual-Figal, M J Antolinos, A Bayes-Genis, T Casas, F Nicolas, M Valdés

1081 **Coronary artery disease**
Cost effectiveness of perindopril in reducing cardiovascular events in patients with stable coronary artery disease using data from the EUROPA study
A Briggs, B Mihaylova, M Sculpher, A Hall, J Wolstenholme, M Simoons, J Deckers, R Ferrari, W J Remme, M Bertrand, K Fox, on behalf of the EUROPA Trial Investigators

1087 **Interventional cardiology**
Prognostic impact of preprocedural C reactive protein levels on 6-month angiographic and 1-year clinical outcomes after drug-eluting stent implantation
D-W Park, C W Lee, S-C Yun, Y-H Kim, M-K Hong, J-J Kim, S-W Park, S-J Park

1093 **Heart failure and cardiomyopathy**
QRS and QTc interval prolongation in the prediction of long-term mortality of patients with acute destabilised heart failure
T Breidhardt, M Christ, M Matti, D Schrafl, K Laule, M Noveanu, T Boldanova, T Klima, W Hochholzer, A P Perruchoud, C Mueller

1098 **Epidemiology**
Associations between tooth loss and mortality patterns in the Glasgow Alumni Cohort
Y-K Tu, B Galobardes, G Davey Smith, P McCarron, M Jeffreys, M S Gilthorpe

1104 Persistent ischaemic ECG abnormalities on repeated ECG examination have important prognostic value for cardiovascular disease beyond established risk factors: a population-based study in middle-aged men with up to 32 years of follow-up
C Ström Möller, B Zethelius, J Sundström, L Lind

1111 Vascular disease in a population-based cohort of individuals hospitalised with coeliac disease
J F Ludvigsson, U de Faire, A Ekblom, S M Montgomery

1116 Selection bias resulting from the requirement for prior consent in observational research: a community cohort of people with ischaemic heart disease
B Buckley, A W Murphy, M Byrne, L Glynn

1121 **Valvular heart disease**
Comprehensive evaluation of preoperative patients with aortic valve stenosis: usefulness of cardiac multidetector computed tomography
J-P Laissy, D Messika-Zeitoun, J-M Serfaty, V Sebban, E Schouman-Claeys, B Lung, A Vahanian

1126 **Cardiovascular surgery**
Comparison of clinical and economic outcomes of two antibiotic prophylaxis regimens for sternal wound infection in high-risk patients following coronary artery bypass grafting surgery: a prospective randomised double-blind controlled trial
K Dhadwal, S Al-Ruzzeh, T Athanasiou, M Choudhury, P Tekkis, P Vuddamalay, H Lyster, M Amrani, S George

Technology and guidelines

1134 Cardiac resynchronisation therapy for the treatment of heart failure: NICE technology appraisal guidance
D Barnett, S Phillips, C Longson

Featured correspondence

1136 Letters

Education in Heart

1137 Clinical epidemiology of heart failure
A Mosterd, A W Hoes

1147 Carotid stenting for atherothrombosis
E R Mohler III

1152 Chronic thromboembolic pulmonary hypertension (CTEPH)
K McNeil, J Dunning

Miscellanea

1023 Web Top 10

JournalScan

1159 Cardiovascular highlights from non-cardiology journals

Images in cardiology

These can be found on pages 1014, 1019, 1039, 1063, 1120, 1133, 1135.