



Journal of the British Cardiovascular Society

### Guidelines for Authors and Reviewers

Full instructions are available online at <http://heart.bmj.com/fora>. Articles must be submitted electronically <http://submit-heart.bmj.com>. Authors retain copyright but are required to grant Heart an exclusive licence to publish <http://heart.bmj.com/fora/licence.dtl>

### Editorial Office

Heart, BMJ Publishing Group  
BMA House, Tavistock Square  
London WC1H 9JR, UK

T: +44 (0) 20 7383 6235

F: +44 (0) 20 7383 6668

E: [heartjournal@bmjgroup.com](mailto:heartjournal@bmjgroup.com)

ISSN: 1355-6037 (print)

ISSN: 1468-201X (online)

Impact factor: 5.385

**Disclaimer:** Heart is owned and published by BMJ Publishing Group Ltd (a wholly owned subsidiary of the British Medical Association) and the British Cardiovascular Society. The owners grant 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, 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 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:** © 2010 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.

Heart is published by BMJ Publishing Group Ltd, typeset by TNQ Books & Journals, Chennai, India and printed in the UK on acid-free paper from sustainable forests by Latimer Trend & Co Limited, Plymouth, UK.

Heart (ISSN No 1355-6037) is published semi-monthly by BMJ Publishing Group and distributed in the US by Mercury International Ltd. Periodicals postage paid at Rahway, NJ. POSTMASTER: Send address changes to Heart, Mercury International Ltd, 365 Blair Road, Avenel, NJ 07001, USA

## Editorials

**1169** Optimal imaging after coarctation stenting

*E Rosenthal, A Bell*

**1172** Is heart transplantation for adult congenital heart disease an appropriate use of a scarce resource?

*M Burch*

## Review

**1174** Atrial tachyarrhythmias and cardiac resynchronisation therapy: clinical and therapeutic implications

*C Lavalle, R P Ricci, M Santini*

## Translational medicine

**1179** Cardiac conditioning: a review of evolving strategies to reduce ischaemia—reperfusion injury

*R K Kharbanda*

## Original articles

### Interventional cardiology

**1187** Development of lipid-rich plaque inside bare metal stent: possible mechanism of late stent thrombosis? An optical coherence tomography study

*J Hou, H Qi, M Zhang, L Ma, H Liu, Z Han, L Meng, S Yang, S Zhang, B Yu, I-K Jang*

### Coronary artery disease

**1191** Impact of family history on relations between insulin resistance, LDL cholesterol and carotid IMT in healthy adults

*C Anderwald, M Stadler, A Golay, M Krebs, J Petrie, A Luger, on behalf of the RISC Investigators*

### Acute coronary syndromes

**1201** Six-month survival benefits associated with clinical guideline recommendations in acute coronary syndromes

*D P Chew, F A Anderson, Á Avezum, K A Eagle, G FitzGerald, J M Gore, R Detricke, D Brieger, for the GRACE Investigators*

### Heart failure

**1207** Diagnostic value of N-terminal pro-brain natriuretic peptide for pleural effusion due to heart failure: a meta-analysis

*Q Zhou, Z J Ye, Y Su, J C Zhang, H Z Shi*

### Congenital heart disease

**1212** Balloon expandable stent implantation for native and recurrent coarctation of the aorta—prospective computed tomography assessment of stent integrity, aneurysm formation and stenosis relief

*S Chakerabarti, D Kenny, G Morgan, S L Curtis, M C K Hamilton, P Wilde, A J Tometzki, M S Turner, R P Martin*

**1217** Cardiac transplantation in adults with congenital heart disease

*C Irving, G Parry, J O'Sullivan, J H Dark, R Kirk, D S Crossland, M Chaudhari, M Griselli, J R L Hamilton, A Hasan*

**1223** Cerebrovascular accidents in adult patients with congenital heart disease

*A Hoffmann, P Chockalingam, O H Balint, A Dadashev, K Dimopoulos, R Engel, M Schmid, M Schwerzmann, M A Gatzoulis, B Mulder, E Oechslin*

### Syndrome X

**1227** Serum bilirubin predicts long-term clinical outcomes in patients with cardiac syndrome X

*S-S Huang, P-H Huang, H-B Leu, T-C Wu, S-J Lin, J-W Chen*

## Valvular heart disease

**1233** Variable phenotypes of bicuspid aortic valve disease: classification by cardiovascular magnetic resonance

*S Buchner, M Hülsmann, F Poschenrieder, O W Hamer, C Fellner, R Kobuch, S Feuerbach, G A J Riegger, B Djavidani, A Luchner, K Debl*

## Education in Heart

**1241** Cardiac imaging in the patient with chest pain: coronary CT angiography

*S Achenbach, W G Daniel*

**1247** Triggering of acute myocardial infarction: beyond the vulnerable plaque

*D E Newby*

[MORE CONTENTS ►](#)



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://heart.bmj.com/info/unlocked.dtl>

C O P E COMMITTEE ON PUBLICATION ETHICS

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

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



**JournalScan**

**1252** Cardiovascular highlights from non-cardiology journals

**1222** Atrial septal defect closure device, a three-dimensional volume render  
*G Mitchell, B Loo, G Morgan-Hughes,*

**Images in cardiology**

**1190** Power Doppler three-dimensional visualisation of aortic arch interruption in fetal life  
*S Sridharan, N Dedieu, J Marek*

**PostScript**

**1254** Featured correspondence

**Subscription Information**

Heart is published fortnightly; subscribers receive all supplements and Education in Heart  
ISSN 1355-6037 (print); 1468-201X (online)

**Institutional Rates 2010****Print**

£599; US\$1168; €809

**Online**

Site licences are priced on FTE basis and allow access by the whole institution. Print is available at deeply discounted rates for online subscribers; details available online at <http://group.bmj.com/group/subs-sales> or contact the Subscription Manager in the UK (see above right)

Personal print or online only and institutional print subscriptions may be purchased online at <http://group.bmj.com/group/subs-sales> (payment by Visa/Mastercard only)

Residents of some EC countries must pay VAT; for details, call us or visit [www.bmj.com/subscriptions/vatandpaymentinfo.dtl](http://www.bmj.com/subscriptions/vatandpaymentinfo.dtl)

**Personal Rates 2010****Print** (includes online access at no additional cost)

£235; US\$458; €317

**Online only**

£125; US\$244; €169

**Education in Heart online only**

£49; US\$96; €66