

Journal of the British Cardiovascular Society

Guidelines for Authors and Reviewers

Full instructions are available online at http://heart.bmi.com/ifora. 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/ifora/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

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: © 2011 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 acidfree 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

Contents

Editorials

Valvular heart disease: the next cardiac 91 epidemic PRESS

J L d'Arcy, B D Prendergast, J B Chambers, S G Ray, B Bridgewater RELEASE

- 94 In defence of exercise stress tests for the diagnosis of pulmonary hypertension R Naeije
- The genetics of epigenetics: is there a link with 96 cardiovascular disease Q Xiao, S Ye

Systematic review

Impact of clopidogrel loading dose on clinical 98 outcome in patients undergoing percutaneous coronary intervention: a systematic review and meta-analysis

J M Siller-Matula, K Huber, G Christ, K Schrör, J Kubica, H Herkner, B Jilma

Original articles Acute coronary syndromes

106 High-dose tirofiban pretreatment reduces the need for bail-out study medication in patients with ST-segment elevation myocardial infarction: results of a subgroup analysis of the **On-TIME 2 trial**

R S Hermanides, A A C M Heestermans, J M ten Berg, A T M Gosselink, J P Ottervanger, K G van Houwelingen, I J E Kolkman, P R Stella, T Dill, C Hamm, A W J van 't Hof

Pulmonary hypertension

112 Inappropriate exercise-induced increase in pulmonary artery pressure in patients with systemic sclerosis

> M D'Alto, S Ghio, A D'Andrea, A S Pazzano, P Argiento, R Camporotondo, F Allocca, L Scelsi, G Cuomo, R Caporali, L Cavagna, G Valentini, R Calabrò

Congenital heart disease

118 Pre-stenting with a bare metal stent before percutaneous pulmonary valve implantation: acute and 1-year outcomes

J Nordmeyer, P Lurz, S Khambadkone, S Schievano, A Jones, D B McElhinney, A M Taylor, P Bonhoeffer

Prenatal ultrasound screening of congenital 124 heart disease in an unselected national population: a 21-year experience J Marek, V Tomek, J Škovránek, V Povýšilová,

M Šamánek

Cardiomyopathy

- 131 Screening patients with hypertrophic
- cardiomyopathy for Fabry disease using V a filter-paper test: the FOCUS study

A A Hagège, E Caudron, T Damy, R Roudaut, A Millaire, C Etchecopar-Chevreuil, T-C Tran, F Jabbour, C Boucly, P Prognon, P Charron, D P Germain, on behalf of the FOCUS study investigators

Heart rhythm disorders

137 Relationship between renal function and the risk of recurrent atrial fibrillation following catheter ablation

M Tokuda, T Yamane, S Matsuo, K Ito, R Narui, M Hioki, S-i Tanigawa, T Nakane, S Yamashita, K Inada, K Shibayama, S Miyanaga, H Yoshida, H Miyazaki, T Date, T Yokoo, M Yoshimura

Genetics of heart disease

143

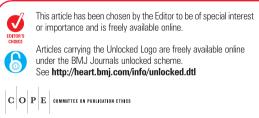
Genetic variation in PCAF, a key mediator in epigenetics, is associated with reduced vascular morbidity and mortality: evidence for a new concept from three independent prospective studies

D Pons, S Trompet, A J M de Craen, P E Thijssen, P H A Quax, M R de Vries, R J Wierda, P J van den Elsen, P S Monraats, M M Ewing, B T Heijmans, P E Slagboom, A H Zwinderman, PAF M Doevendans, R A Tio, R J de Winter, M P M de Maat, O A Iakoubova, N Sattar, J Shepherd, R G J Westendorp, J W Jukema, also on behalf of the PROSPER, WOSCOPS and GENDER study groups

Education in Heart

151 Cardiac tumours: diagnosis and management C I Bruce

MORE CONTENTS >



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

www.publicationethics.org.uk



JournalScan

161 Cardiovascular highlights from non-cardiology journals

Images in cardiology

167 Deep inspiration unmasks Brugada syndrome *R-G Vatasescu, M Dan, M Dorobantu*

PostScript

163 Featured correspondence

168 Successful treatment of aortic bio-prosthetic valve failure by transcatheter aortic valve implantation

J Wojciuk, R S More, D H Roberts

Subscription Information

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

Institutional Rates 2011

Print

£644; US\$1256; €870

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 Rates 2011

Print (includes online access at no additional cost) £253; US\$494; €342

Online only £132; US\$258; €179

Education in Heart online only £59; US\$116; €80

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