



Journal of the British Cardiovascular Society

Guidelines for Authors and Reviewers

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

Editorial Office

Heart, BMJ Publishing Group
BMA House, Tavistock Square
London WC1H 9JR, UK
T: +44 (0) 20 7383 6622
F: +44 (0) 20 7383 6668
E: heartjournal@bmj.com
ISSN: 1355-6037 (print)
ISSN: 1468-201X (online)
Impact factor: 5.014

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: © 2014 BMJ Publishing Group Ltd & 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 Techset, Chennai, India and printed in the UK on acid-free paper.

Heart (ISSN No 1355-6037) is published semi-monthly by BMJ Publishing Group and distributed in the in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431. POSTMASTER: Send address changes to *Heart*, Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA

Receive regular table of contents by email. Register using this QR code.



Contents

Volume 100 Issue 1 | HEART 1 January 2014

Editorials

- 1 What is a journal?
C M Otto
- 2 Journal policy on research funded by the tobacco industry
F Godlee, R Malone, A Timmis, C Otto, A Bush, I Pavord, T Groves
- 4 Echocardiographic severity grading in aortic stenosis: no holy grail, only lessons towards patient individualisation
H I Michelena, P Pibarot, M Enriquez-Sarano
- 6 Introducing the *Heart* Editorial Board
L Templar

Heartbeat

- 12 Highlights from the issue
C M Otto

Reviews

- 13 Invasive measurement of coronary microvascular resistance in patients with acute myocardial infarction treated by primary PCI
R P Amier, P F A Teunissen, K M Marques, P Knaapen, N van Royen
- 21 Intensive glucose control and hypoglycaemia: a new cardiovascular risk factor?
O A Rana, C D Byrne, K Greaves

Original articles

- 28 **Valvular heart disease**
Indexing aortic valve area by body surface area increases the prevalence of severe aortic stenosis
N Jander, C Gohlke-Bärwolf, E Bahlmann, E Gerds, K Boman, J B Chambers, K Egstrup, C A Nienaber, T R Pedersen, S Ray, A B Rossebø, R Willenheimer, R-P KiENZLE, K Wachtell, F-J Neumann, J Minners
- 34 **Coronary artery disease**
Reduced Klotho is associated with the presence and severity of coronary artery disease
J F Navarro-González, J Donate-Correa, M Muros de Fuentes, H Pérez-Hernández, R Martínez-Sanz, C Mora-Fernández
- 41 Tailored antiplatelet therapy and clinical adverse outcomes
J Li, Z Jian, M Song, W Guo, G Chen, W Lu, D Qian, J Ouyang, J Yu, H Hu, J Jin, X Wu, L Huang
- 47 **Pulmonary hypertension**
Pulmonary hypertension leads to a loss of gravity dependent redistribution of regional lung perfusion: a SPECT/CT study
E MT Lau, D L Bailey, E A Bailey, P J Torzillo, P J Roach, G P Schembri, T J Corte, D S Celermajer
- 54 **Congenital heart disease**
Right aortic arch diagnosed antenatally: associations and outcome in 98 fetuses
J O Miranda, N Callaghan, O Miller, J Simpson, G Sharland

Epidemiology

- 60 Ethnicity and prediction of cardiovascular disease: performance of QRISK2 and Framingham scores in a UK tri-ethnic prospective cohort study (SABRE—Southall And Brent REvisited)
T Tillin, A D Hughes, P Whincup, J Mayet, N Sattar, P M McKeigue, N Chaturvedi, On behalf of the SABRE Study Group

Education in Heart

- 68 Diagnosis of heart failure with preserved ejection fraction: role of clinical Doppler echocardiography
M Penicka, M Vanderheyden, J Bartunek

JournalScan

- 77 Cardiovascular highlights from non-cardiology journals
S M Bradley

PostScript

- 79 Correspondence

Image challenge

- 83 "Like a sound and its echo"
P Szymański, M Lipczyńska, A Klisiewicz, P Hoffman

Images in cardiology

- 84 Successful percutaneous treatment of a mycotic right coronary to right ventricle fistula
W Wilson, I Gudmundsdottir, N Cruden
- 86 Adenocarcinoma—a rare intruder into the superior vena cava and the right atrium
S K Srinivas, A P Singh, B Puttegowda
- 89 The difficult diagnosis of isolated cardiac sarcoidosis: usefulness of an integrated MRI and PET approach
G Galati, O Leone, C Rapezzi



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



This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://heart.bmj.com/site/about/guidelines.xhtml#open>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
www.publicationethics.org.uk

