



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://heart.bmj.com/submit>. 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 6622
F: +44 (0) 20 7383 6668
E: heartjournal@bmj.com
Twitter: @Heart_BMJ
ISSN: 1355-6037 (print)
ISSN: 1468-201X (online)
Impact factor: 5.693

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: © 2016 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 Nova Techset Private Limited, Bengaluru & 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 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



Contents

Volume 103 Issue 1 | HEART 1 January 2017

Heartbeat

- 1 Heartbeat: Evidence, Experts and Trustworthy Guidelines
C M Otto

Editorials

- 3 Evidence, experts, trustworthy guidelines and WikiRecs
C M Otto, F A Spencer, P O Vandvik
- 6 Why should we screen for atrial fibrillation?
E Svennberg, J Engdahl

- 8 Aortic stenosis and CT calcium scoring: is it for everyone?
OPEN ACCESS *T R G Carlidge, T A Pawade, M R Dweck*

Reviews

- 10 Assessment and classification of patients with myocardial injury and infarction in clinical practice
OPEN ACCESS *A R Chapman, P D Adamson, N L Mills*
- 19 Graphics and Statistics for Cardiology: Data visualisation for meta-analysis
A Kiran, A P Crespillo, K Rahimi

Arrhythmias and sudden death

- 24 Screening for atrial fibrillation in 13 122 Hong Kong citizens with smartphone electrocardiogram
EDITOR'S CHOICE *N-y Chan, C-c Choy*

Valvular heart disease

- 32 Effect of age and aortic valve anatomy on calcification and haemodynamic severity of aortic stenosis
M Shen, L Tastet, R Capoulade, É Larose, É Bédard, M Arsenaault, P Chetaille, J G Dumesnil, P Mathieu, M-A Clavel, P Pibarot
- 40 Anticoagulation versus antiplatelet or no therapy in patients undergoing bioprosthetic valve implantation: a systematic review and meta-analysis
A Masri, A Marc Gillinov, D M Johnston, J F Sabik, L G Svensson, L Leonardo Rodriguez, S R Kapadia, W J Stewart, R A Grimm, B P Griffin, M Y Desai

Heart failure and cardiomyopathies

- 49 Left ventricular hypertrophy by ECG versus cardiac MRI as a predictor for heart failure
A O Oseni, W T Qureshi, M F Almahmoud, A G Bertoni, D A Bluemke, W G Hundley, J A C Lima, D M Herrington, E Z Soliman

- 55 Variation in hospital performance for heart failure management in the National Heart Failure Audit for England and Wales
C A Emdin, N Conrad, A Kiran, G Salimi-Khorshidi, M Woodward, S G Anderson, H Mohseni, H J Dargie, S M C Hardman, T McDonagh, J J V McMurray, J G F Cleland, K Rahimi

Cardiac risk factors and prevention

- 63 Inflammatory markers are associated with cardiac autonomic dysfunction in recent-onset type 2 diabetes
C Herder, I Schamarek, B Nowotny, M Carstensen-Kirberg, K Straßburger, P Nowotny, J M Kannenberg, A Strom, S Püttgen, K Müssig, J Szendroedi, M Roden, D Ziegler, for the German Diabetes Study Group

Coronary artery disease

- 71 Galectin-3 predicts left ventricular remodelling after anterior-wall myocardial infarction treated by primary percutaneous coronary intervention
G Di Tano, G Caretta, R De Maria, M Parolini, L Bassi, S Testa, S Pirelli

Education in Heart

- 78 Aortic dissection: medical, interventional and surgical management
MCQs *M Silaschi, J Byrne, O Wendler*

JournalScan

- 88 Cardiovascular highlights from non-cardiology journals
P J Goleski, J M McCabe

Image challenge

- 18 Heart failure in a neonate with multiple cardiac masses
E Nasr, M Ibrahim, M Yacoub



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>



Member since 2008
JM00008

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



When you have finished with this magazine please recycle it.



The online version of this article contains multiple choice questions hosted on BMJ Learning.