



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](mailto:heartjournal@bmj.com)

Twitter: @Heart\_BMJ  
ISSN: 1355-6037 (print)  
ISSN: 1468-201X (online)

Impact factor: 6.023

**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:** © 2015 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 101 Issue 8 | HEART 15 April 2015

### Heartbeat

577 Heartbeat; highlights from the issue

### Editorials

579 Heart failure and iron deficiency anaemia: a complex dance

*T Callender, K Rahimi*

582 Do risk factors for cardiovascular disease also increase the risk of frailty?

*R Stewart*

584 Mitral valve prolapse and glaucoma: a 'floppy' perception?

*F N Delling, R S Vasani*

### Review

586 Aortic disease: thoracic endovascular aortic repair

*C Bicknell, J T Powell*

### Heart failure and cardiomyopathies

592 Prevalence and prognostic implications of anaemia and iron deficiency in Tanzanian patients with heart failure

*A Makubi, C Hage, J Lwakatara, B Mmbando, P Kisenge, L H Lund, L Rydén, J Makani*

600 Dyssynchrony, contraction efficiency and regional function with apical and non-apical RV pacing

*M Saito, G Kaye, K Negishi, N Linke, M Gammage, W Kosmala, T H Marwick, on behalf of the Protect-Pace investigators*

### Valvular heart disease

609 Association between mitral valve prolapse and open-angle glaucoma

*S J Chiang, M Daimon, L H Wang, M-J Hung, N C Chang, H C Lin*

### Cardiac risk factors and prevention

616 Cardiovascular risk profile and frailty in a population-based study of older British men

*S E Ramsay, D S Arianayagam, P H Whincup, L T Lennon, J Cryer, A O Papacosta, S Iliffe, S G Wannamethee*

623 Stress resilience and physical fitness in adolescence and risk of coronary heart disease in middle age



*C Bergh, R Udumyan, K Fall, H Almroth, S Montgomery*

### Coronary artery disease

630 Survival in South Asian and White European patients after acute myocardial infarction

*N N Gholap, K Khunti, M J Davies, D H Bodicoat, I B Squire*

### Pulmonary vascular disease

637 Exercise pathophysiology and sildenafil effects in chronic thromboembolic pulmonary hypertension

*G Claessen, A La Gerche, J-Y Wielandts, J Bogaert, J V Cleemput, W Wuyts, P Claus, M Delcroix, H Heiddubchel*

### Education in Heart

645 How to select a guidewire: technical features and key characteristics

*G G Tóth, M Yamane, G R Heyndrickx*

### JournalScan

653 Cardiovascular highlights from non-cardiology journals

*S M Bradley*

### Image challenge

636 A 66-year-old woman with prolonged chest pain

*M Lempereur, N Bogale, A Fung*



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>

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)



When you have finished with this magazine please recycle it.



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