



Journal of the British Cardiovascular Society

Guidelines for Authors and Reviewers

Full instructions are available online at <http://heart.bmj.com/pages/authors>. Articles must be submitted electronically <http://authors.bmj.com/submitting-your-paper/>. Authors retain copyright but are required to grant *Heart* an exclusive licence to publish (<http://authors.bmj.com/submitting-your-paper/copyright-and-authors-rights/>).

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: © 2017 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 Exeter Premedia Services Private Ltd, 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

Heartbeat

- 643** Heartbeat: Coronary heart disease, obesity, smoking and long-lasting psychological distress
A L Ribeiro, S Nakatani, C M Otto

Editorials

- 645** QRS fragmentation in tetralogy of Fallot: clinical utility and risk prediction
E L Heng, M A Gatzoulis
- 647** Melatonin for cardioprotection in ST elevation myocardial infarction: are we ready for the challenge?
A Dominguez-Rodriguez, P Abreu-Gonzalez, R J Reiter

- 649** Psychological distress: a long-lasting matter of the heart
S M Barreto, L Giatti

Review

- 651** Cardiac manifestations of parasitic diseases
M C P Nunes, M H G Júnior, A C Diamantino, C L Gelape, T C A Ferrari

Coronary artery disease

- 659** Coronary heart disease and risk factors as predictors of trajectories of psychological distress from midlife to old age
M Virtanen, M Elovainio, K Josefsson, G D Batty, A Singh-Manoux, M Kivimäki

Congenital heart disease

- 666** QRS fragmentation is superior to QRS duration in predicting mortality in adults with tetralogy of Fallot
J P Bokema, M M Winter, J T Vehmeijer, H W Vliegen, A P van Dijk, J P van Melle, F J Meijboom, M C Post, A H Zwinderman, B J M Mulder, B J Bouma

Heart failure and cardiomyopathies

- 672** Predictors of atrial fibrillation in hypertrophic cardiomyopathy
O P Guttman, M Pavlou, C O'Mahony, L Monserrat, A Anastakis, C Rapezzi, E Biagini, J R Gimeno, G Limongelli, P Garcia-Pavia, W J McKenna, R Z Omar, P M Elliott, for the Hypertrophic Cardiomyopathy Outcomes Investigators

- 679** Longitudinal strain combined with delayed-enhancement magnetic resonance improves risk stratification in patients with dilated cardiomyopathy
M Chimura, T Onishi, Y Tsukishiro, T Sawada, K Kiuchi, A Shimane, K Okajima, S Yamada, Y Taniguchi, Y Yasaka, H Kawai

- 687** Long-term prognostic impact of left atrial volumes and emptying fraction in a community-based cohort
P Hedberg, J Selmerud, J Leppert, E Henriksen

Cardiac risk factors and prevention

- 694** A nested case-control study of the association between melatonin secretion and incident myocardial infarction
C J McMullan, E B Rimm, E S Schernhammer, J P Forman

- 702** Risk factors for premature ventricular contractions in young and healthy adults
M von Rotz, S Aeschbacher, M Bossard, T Schoen, S Blum, S Schneider, J Estis, J Todd, M Risch, L Risch, D Conen

Education in Heart

- 708** Intracoronary Imaging
[MCQs] *A Giavarini, I D Kilić, A Redondo Diéguez, G Longo, I Vandormael, N Pareek, R Kanyal, R De Silva, C Di Mario*

Image challenge

- 686** A 56-year-old woman with breathlessness
[OPEN ACCESS] *A J Moss, M R Dweck, P D O'Kane*



EDITOR'S CHOICE



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>

COPE

Member since 2008

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.

[MCQs]

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



103 (9)

*Heart*2017 103: 644-726

Updated information and services can be found at:
<http://heart.bmj.com/content/103/9>

These include:

**Email alerting
service**

Receive free email alerts when new articles cite this article. Sign up in the box at the top right corner of the online article.

Notes

To request permissions go to:
<http://group.bmj.com/rights-licensing/permissions>

To order reprints go to:
<http://journals.bmj.com/cgi/reprintform>

To subscribe to BMJ go to:
<http://group.bmj.com/subscribe/>