



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 <https://mc.manuscriptcentral.com/heart>. 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
E: info.heart@bmj.com
Twitter: @Heart_BMJ
ISSN: 1355-6037 (print)
ISSN: 1468-201X (online)
Impact factor: 5.994

Disclaimer: The Editor of *Heart* has been granted editorial freedom and *Heart* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *Heart* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *Heart* does not imply endorsement. Neither *British Cardiovascular Society* nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from *Heart* (except for liability which cannot be legally excluded).

Copyright: © 2021 BMJ Publishing Group Ltd & British Cardiovascular Society. All rights reserved; no part of this publication may be reproduced in any form without 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 1355-6037 (USPS 2154) is published bimonthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to *Heart*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square WC1H 9HR London. Air Business Ltd is acting as our mailing agent.



Contents

Volume 107 Issue 19 | HEART 01 October 2021

Heartbeat

1521 Heartbeat: weight loss interventions in patients with cardiovascular disease
C M Otto

Editorials

1524 Cardiovascular risk factors and aortic valve calcification: what do these associations mean?
M C Williams, M R Dweck

1526 Towards a personalised approach for obesity treatment: one size does not fit all
M Kelsey, N Pagidipati

1528 Shining a new light on pericardial fluid
 *E A Fender, C J Zack*

Review

1530 Vaping and cardiac disease
N Shahandeh, H Chowdhary, H R Middlekauff

Aortic and vascular disease

1536 Cross-sectional study of aortic valve calcification and cardiovascular risk factors in older Danish men
L Khurrami, J E Møller, J S Lindholt, G Urbonaviciene, F H Steffensen, J Lambrechtsen, M Karon, L Frost, M Busk, K Egstrup, M H Fredgart, A C P Diederichsen

Arrhythmias and sudden death

1544 Risk of out-of-hospital cardiac arrest in patients with bipolar disorder or schizophrenia
C A Barcella, G Mohr, K Kragholm, D Christensen, T A Gerd, C Polwiartek, M Wissenberg, C Bang, F Folke, C Torp-Pedersen, L V Kessing, G H Gislason, K Bach Søndergaard

Cardiac risk factors and prevention

1552 Weight management and determinants of weight change in patients with coronary artery disease
 *A Tijssen, M Snaverse, M Minneboo, S Lachman, W Scholte op Reimer, R J Peters, H T Jørstad*

1560 Prognostic value of electrocardiographic abnormalities in adults from the Brazilian longitudinal study of adults' health
M M Pinto-Filho, L C Brant, R P dos Reis, L Giatti, B B Duncan, P A Lotufo, M d J M da Fonseca, J G Mill, M d C C de Almeida, P MacFarlane, S M Barreto, A L P Ribeiro

1567 Fried-food consumption and risk of cardiovascular disease and all-cause mortality: a meta-analysis of observational studies
P Qin, M Zhang, M Han, D Liu, X Luo, L Xu, Y Zeng, Q Chen, T Wang, X Chen, Q Zhou, Q Li, R Qie, X Wu, Y Li, Y Zhang, Y Wu, D Hu, F Hu

Heart failure and cardiomyopathies

1576 N-terminal pro-brain natriuretic peptide and sudden cardiac death in hypertrophic cardiomyopathy
G Wu, J Liu, S Wang, S Yu, C Zhang, D Wang, M Zhang, Y Yang, L Kang, S Zhao, R Hui, Y Zou, J Wang, L Song


Special populations

1584 What is the normal composition of pericardial fluid?
S Buoro, E Tombetti, F Ceriotti, C Simon, D Cugola, M Seghezzi, F Innocente, S Maestroni, M del Carmen Baigorria Vaca, V Muioli, G Previtali, B Manenti, Y Adler, M Imazio, A Brucato

Education in Heart

1591 Cardiac sarcoidosis: state-of-the-art review
 *V Kouranos, R Sharma*

Cardiology in focus

1600 *Heart* Best Research Paper Award 2021
 *C M Otto*



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
JMD0008

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



When you have finished with this magazine please recycle it.



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

Image challenge

- 1543** Pleuritic chest pain postcatheter ablation procedure
I T Fazmin, R Zhang, C A Martin
-

Electronic pages

- e6** Correction: 61 *The inconsistent choices of inotropic and vasopressors at the front door in patients with ischaemic cardiogenic shock and its impact on in-hospital mortality*
- e7** Correction: 144 *Side effects of sacubitril/valsartan influence outcomes in heart failure populations: a retrospective study*
- e8** Correction: 169 *Real world nhs experience of CTCA with FFRCT for the detection of surgical coronary artery disease - the case for enhanced pre-procedural planning?*
- e9** Correction: 185 *Female speaker representation at national cardiology conferences*
- e10** Correction: BS18 *Profiling endothelial gene expression in coronary atherosclerotic plaques in a human-like D374Y-PCSK9 hyperlipidaemic porcine model*