



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: 6.059

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 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 15 | HEART 1 August 2017

Heartbeat

- 1139** Heartbeat: Chocolate and atrial fibrillation
C M Otto

Editorials

- 1141** Chocolate and prevention of atrial fibrillation: what is bad for the pancreas might be good for the atria?
S D Pokorney, J P Piccini

- 1143** Predicting long-term bleeding risk after acute coronary syndrome: a step closer to optimising dual antiplatelet therapy duration?
S Wilson, D E Newby

- 1146** Optimal stent treatment of cardiogenic shock complicating acute myocardial infarction: bare-metal or drug-eluting stent?
P Kübler, K Rezcuch

Reviews

- 1148** Diagnosis, imaging and clinical management of aortic coarctation
E J Dijkema, T Leiner, H B Grotenhuis

- 1156** Streamlining cardiovascular clinical trials to improve efficiency and generalisability
F Zannad, M A Pfeffer, D L Bhatt, D E Bonds, J S Borer, G Calvo-Rojas, L Fiore, L H Lund, D Madigan, A P Maggioni, C M Meyers, Y Rosenberg, T Simon, W G Stough, A Zaleswski, N Zariffa, R Temple

Cardiac risk factors and prevention

- 1163** Chocolate intake and risk of clinically apparent atrial fibrillation: the Danish Diet, Cancer, and Health Study
E Mostofsky, M B Johansen, A Tjønneland, H S Chahal, M A Mittleman, K Overvad



EDITOR'S CHOICE

Coronary artery disease

- 1168** Predicting the risk of bleeding during dual antiplatelet therapy after acute coronary syndromes
J Alfredsson, B Neely, M L Neely, D L Bhatt, S G Goodman, P Tricoci, K W Mahaffey, J H Cornel, H D White, K A A Fox, D Prabhakaran, K J Winters, P W Armstrong, E M Ohman, M T Roe, for the TRILOGY ACS Investigators

- 1177** Drug-eluting stents versus bare-metal stents in acute myocardial infarction with cardiogenic shock
J Ledwoch, G Fuernau, S Desch, I Eitel, C Jung, S de Waha, J Poess, S Schneider, G Schuler, K Werdan, U Zeymer, H Thiele

- 1185** Hepatocyte growth factor demonstrates racial heterogeneity as a biomarker for coronary heart disease
S J Bielinski, C Berardi, P A Decker, N B Larson, E J Bell, J S Pankow, M M Sale, W Tang, N Q Hanson, C L Wassel, M de Andrade, M J Budoff, J F Polak, H Sicotte, M Y Tsai

Congenital heart disease

- 1194** Contemporary cardiac surgery for adults with congenital heart disease
S Beurtheret, O Tutarel, G P Diller, C West, E Ntalarizou, N Resseguier, V Papaioannou, R Jabbour, V Simpkin, A J Bastin, S V Babu-Narayan, B Bonello, W Li, B Sethia, H Uemura, M A Gatzoulis, D Shore

- 1203** Echocardiographic diagnosis of total or left congenital pericardial absence with positional change
M J Kim, H-K Kim, J-H Jung, Y E Yoon, H-L Kim, J-B Park, S-P Lee, Y-J Kim, G-Y Cho, D-W Sohn, J K Oh



EDITOR'S CHOICE

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



OPEN ACCESS

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

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.

Arrhythmias and sudden death

- 1210** Moderate sedation in cardiac electrophysiology laboratory: a retrospective safety analysis
V Sawhney, E Bacuetes, M Wray, M Dhinoja, M J Earley, R J Schilling, S Sporton

Education in Heart

- 1216** MCOs Non-invasive fractional flow reserve using computed tomographic angiography: where are we now and where are we going?
R Rajani, B Modi, I Ntalas, N Curzen

JournalScan

- 1223** Cardiovascular highlights from non-cardiology journals
P J Galeski, J M McCabe

Image challenges

- 1176** Fifty-year-old woman with lightheadedness
P Gouda, G Veenhuizen, B Har
- 1202** 21-year-old with exertional dyspnoea
T Chen, T L Jones, E V Krieger

Heart

103 (15)

Heart 2017 103: 1139-1224

Updated information and services can be found at:
<http://heart.bmj.com/content/103/15>

**Email alerting
service**

These include:

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/group/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/>