

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: 5.420

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: © 2019 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



#### Heartheat

**347** Heartbeat: Risk stratification for asymptomatic severe aortic stenosis

CM Otto

#### **Editorials**

**350** Digoxin for rheumatic heart disease: a cautious future for a drug from the past?

B R Nascimento, A Z Beaton

353 Natriuretic peptide should be used as a routine tool for evaluation of patients with atrial fibrillation

Z Hijazi, L Wallentin

**355** Asymptomatic severe aortic stenosis: biomarkers are welcome

M Martinez-Selles, A Bayes-Genis

### **Review**

**357** Peripartum cardiomyopathy: disease or syndrome?

L Baris, J Cornette, M R Johnson, K Sliwa, J W Roos-Hesselink

### Valvular heart disease

363 Digoxin and clinical outcomes in the Global Rheumatic Heart Disease Registry

G Karthikeyan, N Devasenapathy, L Zühlke, M E Engel, S Rangarajan, K K Teo, B M Mayosi, S Yusuf, on behalf of the Global Rheumatic Heart Disease Registry (REMEDY) Investigators

### **Arrhythmias and sudden death**

B-type natriuretic peptide, disease progression and clinical outcomes in atrial fibrillation

T Inohara, S Kim, K Pieper, R G Blanco, L A Allen, G C Fonarow, B J Gersh, M D Ezekowitz, P R Kowey, J A Reiffel, G V Naccarelli, P S Chan, K W Mahaffey, D E Singer, J V Freeman, B A Steinberg, E D Peterson, J P Piccini, on behalf of the ORBIT AF Patients and Investigators 378 Influence of myocardial scar on the response to frequent premature ventricular complex ablation

D Penela, M Martínez, J Fernández-Armenta, L Aguinaga, L Tercedor, A Ordóñez, J Acosta, J Martí-Almor, F Bisbal, L Rossi, R Borràs, M Linhart, D Soto-Iglesias, B Jáuregui, J T Ortiz-Pérez, R J Perea, X Bosch, L Mont, A Berruezo

#### **Aortic and vascular disease**

384

B-type natriuretic peptide in patients with asymptomatic severe aortic stenosis

K Nakatsuma, T Taniguchi, T Morimoto, H Shiomi, K Ando, N Kanamori, K Murata, T Kitai, Y Kawase, C Izumi, M Miyake, H Mitsuoka, M Kato, Y Hirano, S Matsuda, T Inada, K Nagao, H Mabuchi, Y Takeuchi, K Yamane, M Toyofuku, M Ishii, E Minamino-Muta, T Kato, M Inoko, T Ikeda, A Komasa, K Ishii, K Hotta, N Higashitani, Y Kato, Y Inuzuka, C Maeda, T Jinnai, Y Morikami, N Saito, K Minatoya, T Kimura, on behalf of the CURRENT AS Registry Investigators

### **Special populations**

**391** Birth weight in pregnancies complicated by maternal heart disease

M Cauldwell, P Steer, M Sterrenburg, S Wallace, G Malin, G Ulivi, T Everett, A D Jakes, C E G Head, A R Mohan, S Haynes, M Simpson, J Brennand, M R Johnson

## **Cardiac risk factors and prevention**

399 Accuracy of 24-hour ambulatory blood pressure monitoring by a novel cuffless device in clinical practice

P Krisai, A S Vischer, L Kilian, A Meienberg, M Mayr, T Burkard

MORE CONTENTS ▶



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 <a href="http://heart.bmj.com/site/about/quidelines.xhtml#open">http://heart.bmj.com/site/about/quidelines.xhtml#open</a>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk





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

# **Coronary artery disease**

**406** Effects of comprehensive cardiac rehabilitation on functional capacity in a middle-income country: a randomised controlled trial G S d S Chaves, G L d M Ghisi, S L Grace, P Oh, A L Ribeiro, R R Britto

## **Education in Heart**

**414** MCQs

Pulmonary valve stenosis in the adult patient: pathophysiology, diagnosis and management *E Ruckdeschel*, *Y Y Kim* 

# **Image challenges**

- **398** Tachycardia after acute deceleration injury *V Singh, M Rahman, A G Fraser*
- **405** Fourteen-year-old boy with decreased appetite and pedal swelling *G C Ghosh, A S, O K George*