



Journal of the British Cardiovascular Society

**Guidelines for Authors and Reviewers**

Full instructions are available online at <http://heart.bmj.com/iftora>. 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/iftora/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:** © 2014 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 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.



**Heartbeat**

**1563** Heartbeat: Highlights from this issue  
*C M Otto*

**Editorials**

**1565** Combined anticoagulation and antiplatelet therapy in AF patients: why do we not follow guidelines?  
*A Brandes*

**1567** BNP during exercise: a novel use for a familiar biomarker in aortic stenosis  
*B R Lindman*

**1569** Genomics in clinical practice  
*J R Priest, E A Ashley*

**Reviews**

**1571** Surgical management of aortic root disease in Marfan syndrome and other congenital disorders associated with aortic root aneurysms  
*T Treasure, J J M Takkenberg, J Pepper*

**1577** Surgical management of thoracoabdominal aneurysms  
*B A Ziganshin, J A Elefteriades*

**Coronary artery disease**

**1583** Prognostic value of troponins in acute coronary syndrome depends upon patient age  
*P K Myint, C S Kwok, M O Bachmann, S Stirling, L Shepstone, M J S Zaman*

**1591** High-sensitivity versus conventional troponin for management and prognosis assessment of patients with acute chest pain  
*J Sanchis, S García-Blas, L Mainar, A Mollar, L Abellán, S Ventura, C Bonanad, L Consuegra-Sánchez, M Roqué, F J Chorro, E Núñez, J Núñez*

**1597** The opposite associations of long-chain versus very long-chain monounsaturated fatty acids with mortality among patients with coronary artery disease  
*Z Li, Y Zhang, D Su, X Lv, M Wang, D Ding, J Ma, M Xia, D Wang, Y Yang, J Qiu, G Hu, W Ling*

**Valvular heart disease**

**1606** Prognostic value of plasma B-type natriuretic peptide levels after exercise in patients with severe asymptomatic aortic stenosis  
*R Capoulade, J Magne, R Dulgheru, Z Hachicha, J G Dumesnil, K O'Connor, M Arsenaault, S Bergeron, L A Pierard, P Lancellotti, P Pibarot*

**Cardiac risk factors and prevention**

**1613** Body fat percentage, body mass index and waist-to-hip ratio as predictors of mortality and cardiovascular disease  
*P K Myint, C S Kwok, R N Luben, N J Wareham, K-T Khaw*

**1620** Traditional risk factors and a Genetic Risk Score are associated with age of first acute coronary syndrome  
*C Labos, R H L Wang, L Pilote, P Bogaty, J M Brophy, J C Engert, G Thanassoulis*

**Arrhythmias and sudden death**

**1625** Frequent and possibly inappropriate use of combination therapy with an oral anticoagulant and antiplatelet agents in patients with atrial fibrillation in Europe  
*R D Caterina, B Ammentorp, H Darius, J-Y L Heuzey, G Renda, R J Schilling, T Schliephacke, P-E Reimitz, J Schmitt, C Schober, J L Zamorano, P Kirchhof, for the PREFER in AF Registry Investigators*

**Education in Heart**

**1636** Left atrial appendage: anatomy and imaging landmarks pertinent to percutaneous transcatheter occlusion  
*J A Cabrera, F Saremi, D Sánchez-Quintana*

**JournalScan**

**1651** Cardiovascular highlights from non-cardiology journals  
*S M Bradley*

**Image challenge**

**1619** An unusual cause of a non-ST segment elevation myocardial infarction  
*R D Levit, M Polomsky, J D Vega, D R Martin, G Kumar*



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>



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)



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