



Journal of the British Cardiovascular Society

**Guidelines for Authors and Reviewers**

Full instructions are available online at <http://heart.bmj.com/fora>. 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/fora/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: 5.595

**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:** © 2015 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 Techtset, 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**

**1769** Heartbeat: Highlights from this issue  
*C M Otto*

**Editorials**

**1771** Riociguat for pulmonary hypertension in congenital heart disease: opportunities and challenges  
*A E Lammers, G-P Diller*

**1773** Comparative effectiveness of cardiac implantable electrical devices  
*D B Kramer, L A Hatfield, S-L T Normand*

**1776** LV remodelling after renal transplantation: future directions  
*M-J Hung*

**Reviews**

**1778** Acute kidney injury in patients with acute coronary syndromes  
*G Marenzi, N Cosentino, A L Bartorelli*

**1786** Timing of surgery in infective endocarditis  
*D-H Kang*

**Pulmonary vascular disease**

**1792** Riociguat for pulmonary arterial hypertension associated with congenital heart disease  
*S Rosenkranz, H-A Ghofrani, M Beghetti, D Ivy, R Frey, A Frisch, G Weimann, S Saleh, C Apitz*

**Heart failure and cardiomyopathies**

**1800** Individual patient data network meta-analysis of mortality effects of implantable cardiac devices  
*B Woods, N Hawkins, S Mealing, A Sutton, W T Abraham, J F Beshai, H Klein, M Sculpher, C J Plummer, M R Cowie*

**Congenital heart disease**

**1807** Increased risk of congenital heart disease in twins in the North of England between 1998 and 2010  
*K E Best, J Rankin*

**1813** Factors associated with systemic to pulmonary arterial collateral flow in single ventricle patients with superior cavopulmonary connections  
*A C Glatz, N Harrison, A J Small, Y Dori, M J Gillespie, M A Harris, M A Fogel, J J Rome, K K Whitehead*

**Coronary artery disease**

**1819** ST-segment depression resolution predicts infarct size and reperfusion injury in ST-elevation myocardial infarction  
*S J Reinstadler, A Baum, K-P Rommel, C Eitel, S Desch, M Mende, B Metzler, J Poess, H Thiele, I Eitel*

**Special populations**

**1826** The reciprocal interaction between LV remodelling and allograft outcomes in kidney transplant recipients  
*J N An, Y H Kim, J-B Park, J H Hwang, K D Yoo, J Y Park, C T Kim, H-L Kim, Y-J Kim, D-J Han, C S Lim, Y S Kim, J P Lee*

**1834** Effects of training on LV strain in competitive athletes  
*F D'Ascenzi, A Pelliccia, F Alvino, M Solari, A Loffredo, M Cameli, M Focardi, M Bonifazi, S Mondillo*

**Image challenge**

**1785** Dyspnoea in a cancer patient  
*T S Metkus, T Abraham*

**Education in Heart**

**1840** Secondary tricuspid valve regurgitation: a forgotten entity  
*P T Mas, J F Rodriguez-Palomares, M J Antunes*

**JournalScan**

**1849** Cardiovascular highlights from non-cardiology journals  
*S M Bradley*

**PostScript**

**1850** Correspondence

**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** COMMITTEE ON PUBLICATION ETHICS

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.