



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://submit-heart.bmj.com>. 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 6235  
F: +44 (0) 20 7383 6668  
E: [heartjournal@bmjgroup.com](mailto:heartjournal@bmjgroup.com)

ISSN: 1355-6037 (print)  
ISSN: 1468-201X (online)

Impact factor: 5.385

**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:** © 2011 BMJ Publishing Group and 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 TNQ Books & Journals, Chennai, India and printed in the UK on acid-free paper from sustainable forests by Latimer Trend & Co Limited, Plymouth, UK.

Heart (ISSN No 1355-6037) is published semi-monthly by BMJ Publishing Group and distributed in the US by Mercury International Ltd. Periodicals postage paid at Rahway, NJ. POSTMASTER: Send address changes to Heart, Mercury International Ltd, 365 Blair Road, Avenel, NJ 07001, USA

**Editorials**

**1115** Generalised myopathy in young adults with congenital heart disease  
*A Giardini*

**1117** The special challenge of left-sided endocarditis  
*A F Bolger*

**1119** Managing the asymptomatic patient with severe aortic stenosis: randomised controlled trials of early surgery are overdue  
*G P McCann, C D Steadman, S G Ray, D E Newby, on behalf of the British Heart Valve Society*

**Review**

**1122** Genetics and cardiovascular disease—causes and prevention of unexpected sudden adult death: the role of the SADS clinic  
*L M Nunn, P D Lambiase*

**Viewpoint**

**1128** Environmental impact of cardiac imaging tests for the diagnosis of coronary artery disease  
*T H Marwick, J Buonocore*

**Original articles**

**Valvular heart disease**

**1132** Myocardial gene expression of microRNA-133a and myosin heavy and light chains, in conjunction with clinical parameters, predict regression of left ventricular hypertrophy after valve replacement in patients with aortic stenosis  
*A V Villar, D Merino, M Wenner, M Llano, M Cobo, C Montalvo, R García, R Martín-Durán, J M Hurlé, M A Hurlé, J F Nistal*

**1138** Internal and external validation of a model to predict adverse outcomes in patients with left-sided infective endocarditis  
*J López, N Fernández-Hidalgo, A Revilla, I Vilacosta, P Tornos, B Almirante, T Sevilla, I Gómez, E Pozo, C Sarriá, J A San Román*

**Obesity and the heart**

**1143** Effect of rimonabant on carotid intima—media thickness (CIMT) progression in patients with abdominal obesity and metabolic syndrome: the AUDITOR Trial  
*D H O'Leary, A Q Reuwer, S E Nissen, J-P Després, J E Deanfield, M W Brown, R Zhou, S M Zabattino, B Job, J J P Kastelein, F L J Visseren, On behalf of the AUDITOR investigators*

**Coronary artery disease**

**1151** CT coronary plaque burden in asymptomatic patients with familial hypercholesterolaemia  
*L A Neeffes, G-J R ten Kate, A Rossi, A J Galema-Boers, J G Langendonk, A C Weustink, A Moelker, K Nieman, N R Mollet, G P Krestin, E J Sijbrands, P J de Feyter*

**Heart failure**

**1158** Hepatocyte growth factor is a strong predictor of mortality in patients with advanced heart failure  
*K Rychli, B Richter, P J Hohensinner, K Mahdy Ali, S Neuhold, G Zorn, R Berger, D Mörtl, K Huber, R Pacher, J Wojta, A Niessner, M Hülsmann*

**Congenital heart disease**

**1164** Generalised muscle weakness in young adults with congenital heart disease  
*M Greutmann, T L Le, D Tobler, P Biaggi, E N Oechslin, C K Silversides, J T Granton*

**Cardiovascular surgery**

**1169** Six-year follow-up of a randomised controlled trial examining hospital versus home-based exercise training after coronary artery bypass graft surgery  
*K M Smith, R S McKelvie, K E Thorpe, H M Arthur*

**Epidemiology**

**1175** Probabilistic cost-effectiveness analysis of cascade screening for familial hypercholesterolaemia using alternative diagnostic and identification strategies  
*L Nherera, D Marks, R Minhas, M Thorogood, S E Humphries*

**MORE CONTENTS ►**



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



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://heart.bmj.com/info/unlocked.dtl>

**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)



**Education in Heart**

**1182** Aortic valve surgery in children  
*Y d'Udekem*

**JournalScan**

**1190** Cardiovascular highlights from non-cardiology journals

**PostScript**

**1191** Correspondence

**Images in cardiology**

**1192** Adult parachute mitral valve detected in pregnancy  
*J Purvis, D Sharma*

**Subscription Information**

Heart is published fortnightly; subscribers receive all supplements and Education in Heart  
ISSN 1355-6037 (print); 1468-201X (online)

**Institutional Rates 2011**

**Print**  
£644; US\$1256; €870

**Online**

Site licences are priced on FTE basis and allow access by the whole institution. Print is available at deeply discounted rates for online subscribers; details available online at <http://group.bmj.com/group/subs-sales> or contact the Subscription Manager in the UK (see above right)

Personal print or online only and institutional print subscriptions may be purchased online at <http://group.bmj.com/group/subs-sales> (payment by Visa/Mastercard only)

Residents of some EC countries must pay VAT; for details, call us or visit [www.bmj.com/subscriptions/vatandpaymentinfo.dtl](http://www.bmj.com/subscriptions/vatandpaymentinfo.dtl)

**Personal Rates 2011**

**Print** (includes online access at no additional cost)  
£253; US\$494; €342

**Online only**

£132; US\$258; €179

**Education in Heart online only**

£59; US\$116; €80