



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

ISSN: 1355-6037 (print)

ISSN: 1468-201X (online)

Impact factor: 4.964

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: © 2010 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

Contents

Volume 96 Issue 12 | HEART 15 June 2010

Editorials

- 903** Nice guidance on the investigation of chest pain

K A A Fox, S McLean

- 906** Diastolic stress testing: a new trick to evaluate the ageing heart

Z B Popović, B Griffin

- 908** Cardiovascular registry research comes of age

R L McNamara

Review

- 911** Fontan and the pulmonary circulation: a potential role for new pulmonary hypertension therapies

M Beghetti

Cardiovascular registry

- 917** AMIS Plus: Swiss registry of acute coronary syndrome

D Radovanovic, P Erne

Original articles

CT coronary angiography

- 922** A comparison of radiation doses between state-of-the-art multislice CT coronary angiography with iterative reconstruction, multislice CT coronary angiography with standard filtered back-projection and invasive diagnostic coronary angiography

O Gosling, R Loader, P Venables, C Roobottom, N Rowles, N Bellenger, G Morgan-Hughes

- 927** Estimates of lifetime attributable risk of cancer after a single radiation exposure from 64-slice computed tomographic coronary angiography

F F Faletra, I D'Angeli, C Klersy, M Averaimo, J Klimusina, E Pasotti, G B Pedrazzini, M Curti, C Carraro, R DiLiberto, T Moccetti, A Auricchio

- 933** Low-dose, 128-slice, dual-source CT coronary angiography: accuracy and radiation dose of the high-pitch and the step-and-shoot mode

H Alkadhi, P Stolzmann, L Desbiolles, S Baumüller, R Goetti, A Plass, H Scheffel, G Feuchtner, V Falk, B Marincek, S Leschka

Epidemiology

- 939** Individualising the risks of statins in men and women in England and Wales: population-based cohort study

J Hippisley-Cox, C Coupland

Hypertension

- 948** Abnormal left ventricular function occurs on exercise in well-treated hypertensive subjects with normal resting echocardiography

Y T Tan, F Wenzelburger, E Lee, G Heatlie, M Frenneaux, J E Sanderson

Cardiac imaging and non-invasive testing

- 956** Diagnostic accuracy of myocardial perfusion imaging and stress echocardiography for the diagnosis of left main and triple vessel coronary artery disease: a comparative meta-analysis

N Mahajan, L Polavaram, H Vankayala, B Ference, Y Wang, J Ager, J Kovach, L Afonso

Interventional cardiology

- 967** Improvement of migraine headaches after percutaneous closure of patent foramen ovale for secondary prevention of paradoxical embolism

A Wahl, F Praz, T Tai, O Findling, N Walpoth, K Nedeltchev, M Schwerzmann, S Windecker, H P Mattle, B Meier

Technology and guidelines

- 974** NICE guidance. Chest pain of recent onset: assessment and diagnosis of recent onset chest pain or discomfort of suspected cardiac origin

J S Skinner, L Smeeth, J M Kendall, P C Adams, A Timmis, on behalf of the Chest Pain Guideline Development Group

Education in Heart

- 979** Aneurysm of the ascending aorta

A Evangelista

- 986** Antiplatelet therapy during surgery

H Möllmann, H M Nef, C W Hamm

MORE CONTENTS ►



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



JournalScan

- 992** Cardiovascular highlights from non-cardiology journals
A Lindsay

Images in cardiology

- 973** Ectopia cordis with right and left ventricular diverticula
M Nagashima, T Higaki, A Kurata

- 994** Leaflet escape in a modern mechanical heart valve: structure and cavitation
S P Collison, Y K Mishra

PostScript

- 995** Featured correspondence

Subscription Information

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

Institutional Rates 2010**Print**

£599; US\$1168; €809

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

Personal Rates 2010**Print** (includes online access at no additional cost)

£235; US\$458; €317

Online only

£125; US\$244; €169

Education in Heart online only

£49; US\$96; €66