

Journal of the British Cardiovascular Society

Guidelines for Authors and Reviewers

Full instructions are available online at http://heart.bmj.com/ifora. 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/ifora/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 TNO Books & Journals, Chennai, India and printed in the UK on acidfree 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 Baumueller, R Goetti, A Plass, H Scheffel, G Feuchtner, V Falk, B Marincek, S Leschka

Epidemiology

939 EDITOR'S 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

Aneurysm of the ascending aorta

A Evangelista

986 Antiplatelet therapy during surgery *H Möllmann, H M Nef, C W Hamm*

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



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 iournals

A Lindsay

994 Leaflet escape in a modern mechanical heart valve: structure and cavitation

S P Collison, Y K Mishra

Images in cardiology

973 Ectopia cordis with right and left ventricular diverticula

M Nagashima, T Higaki, A Kurata

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 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

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