Contents

Volume 107 Issue 22 | HEART 15 November 2021

Heartbeat

1765 Heartbeat: ECG approaches to early detection of atrial fibrillation
C M Otto

Editorials

1768 The personalized external aortic root support procedure: interesting niche or ready for prime time?
C R Burke, J Bavaria

1770 Predicting incident atrial fibrillation in sinus rhythm: more than just trusting the ‘black box’
A Kashou, P Noseworthy

1772 Improved standardisation of training needed to achieve the potential of handheld echocardiography
B Ramos Navamonte, A Zawacki Beaton

Reviews

1774 Optimising cardiovascular care of patients with multiple myeloma
M Fontes Oliveira, W R Naaktgebreven, A Hua, A K Ghosh; H Oubreeve, S Hallam, C Montay

1783 Endovascular repair for abdominal aortic aneurysms
S Delono, J Nash, A I Tombyraja, D E Newby, R O Forsythe

Aortic and vascular disease

1790 Personalised external aortic root support for elective treatment of aortic root dilation in 200 patients
L Van Hoef, P Rega, T Colesworth, P Verbrugghe, C Austin, J J M Takkenberg, J R Pepper, T Treasure

Arrhythmias and sudden death

1796 Development of an electrocardiogram-based risk calculator for a cardiac cause of syncope

1805 Individual non-esterified fatty acids and incident atrial fibrillation late in life
C N Pellegrot, P Buzkova, A H Lichtenstein, N R Mathan, J H Ly, D S Siscovick, S R Heckbert, R P Tracy, K J Ahkoonal, L Djoussé, J R Kizer

Cardiac risk factors and prevention

1813 Electrocardiographic biomarkers to predict atrial fibrillation in sinus rhythm electrocardiograms
A Sant-Zaleta, A Coccioni, A Vera, J M Camanasalas, F Alonso, G O Roceo, J Jimenez-Borreguero

Coronary artery disease

1820 Outcome of patients with prior coronary bypass surgery admitted with an acute coronary syndrome
I Maruschkamer, O Zasman, Z. lakobishvili, A R Assali, H Vakman-Assa, J Goldenberg, T Cohen, N Shlomo, R Kornowski, A Eisen

Heart failure and cardiomyopathies

1826 Diagnostic accuracy of handheld cardiac ultrasound device for assessment of left ventricular structure and function: systematic review and meta-analysis
S Jenkins, A Alated, A Swift, G Marques, A Ryding, C Sawh, J Wardley, B N Shah, P Swoveada, R Senior, R Nípeldti, V S Vassilious, P Carg

Education in Heart

1835 Assessment and management of peripheral arterial disease: what every cardiologist should know
B Tran

Guidelines for Authors and Reviewers

Full instructions are available online at http://heart.bmj.com/pages/authors. Articles must be submitted electronically through the BMJ ManuscriptCentral online submission system. Authors retain copyright but are required to grant Heart an exclusive licence to publish (http://authors.bmj.com/ submitting-your-paper/copyright-and-authors-rights/).

Copyright: © 2021 BMJ Publishing Group Ltd & British Cardiovascular Society. All rights reserved; no part of this publication may be reproduced in any form without permission. Heart is published by BMJ Publishing Group Ltd, Poyntes Place, Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper. Heart, ISSN 1355-6037 (USPS 2154) is published bimonthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc., 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11258. US Postmaster: Send address changes to Heart, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Copyrighted records are maintained at BMA House, Tavistock Square WC1H 9JR London. Air Business Ltd is acting as our mailing agent.

British Cardiovascular Society

To know more about guidelines, please visit 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

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

Cardiology in focus
1844 The British Cardiovascular Society Young Investigator Award 2021
B Tardajos Ayllón, J Basu, M Burrage, C P Kotanidis, J Ramirez, C Coyle

Image challenge
1782 A man in his 60s with dyspnoea
I-G Zehan, C P Tentea, D Blendea

Electronic pages
e11 Correction: Pregnancy with coarctation appears low risk overall but individual cardiovascular evaluation remains essential

e12 Correction: The enigmatic immunoglobulin G4-related disease and its varied cardiovascular manifestations

e13 Correction: New insights in diagnostics and therapies in syncope: a novel approach to non-cardiac syncope

e14 Correction: Cardio-oncology for the general cardiologist

e15 Correction: Sodium-glucose co-transporter 2 inhibitor therapy: mechanisms of action in heart failure

e16 Correction: Recreational substance use among patients with premature atherosclerotic cardiovascular disease

e17 Correction: Effusive–constrictive pericarditis in the spectrum of pericardial compressive syndromes