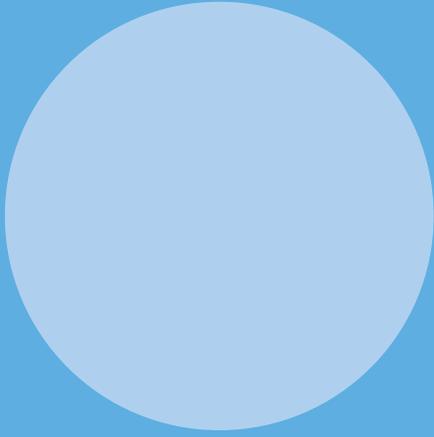


Cardiology in the Young



Submit your paper online
<http://mc.manuscriptcentral.com/cty>

CAMBRIDGE
UNIVERSITY PRESS

Cardiology in the Young

journals.cambridge.org/CTY

Editor-in-Chief

Professor Edward J. Baker

Oxford Radcliffe Hospitals NHS Trust, John Radcliffe Hospital, Headington, Oxford, OX3 9DU, UK

Emeritus Founding Editors

Dr G. William Henry

Chapel Hill, USA

Professor Robert H. Anderson

University College, London, UK

Associate Editors

Allen D. Everett, Baltimore, MD

Jeffrey P. Jacobs, St Petersburg, FL

International Editor

Professor Hiromi Kurosawa, Tokyo Women's Medical University, Japan

Supplements Editor

Jeffrey P. Jacobs, St Petersburg, FL

Images Editor

Roxane McKay, Memphis, TN

Founding Editors

Anton E. Becker, Amsterdam; Giancarlo Crupi, Bergamo; Arthur Garson Jr, Charlottesville, VA; Fernando Lucchese, Porto Alegre; Lucio Parenzan, Bergamo; the late Atsuyoshi Takao, Tokyo; Michael Tynan, London

International Editorial Board

Lindsey D. Allan (London)

Maurice Beghetti (Geneva)

Lee N. Benson (Toronto)

Per G. Bjørnstad (Oslo)

Anthony C. Chang (Orange, CA)

David Cooper (Cincinnati, OH)

Tjark Ebels (Groningen)

Timothy Feltes (Columbus, OH)

J. William Gaynor (Philadelphia, PA)

Allan Goldman (London)

Willem A. Helbing (Rotterdam)

John Hess (Munich)

Eero Jokinen (Helsinki)

Tom Karl (Brisbane)

Doff B. McElhinney (Boston, MA)

Luc Mertens (Toronto)

Cleonice de C. Mota (Belo Horizonte)

Jane Newburger (Boston, MA)

Edgardo E. Ortiz (Quezon City)

Daniel Penny (Melbourne)

Andrew N. Redington (Toronto)

Girish S. Shirali (Charleston, SC)

Norman H. Silverman (Palo Alto, CA)

Giovanni Stellin (Padova)

András Szatmári (Budapest)

Hideki Uemura (London)

Steven A. Webber (Pittsburgh, PA)

James L. Wilkinson (Melbourne)

Shi-Joon Yoo (Toronto)

Cardiology in the Young is indexed and abstracted in Index Medicus/MEDLINE; Current Contents/Clinical Medicine; Research Alert; Sci Search; EMBASE/Excerpta Medica

Commissioning Editor: Dan Edwards

Production Editor: Nicki Marshall

Design and Production: MPS Limited, Bangalore

Printed & Bound: Latimer Trend, Plymouth

Published by Cambridge University Press (Journals), Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK
Tel: +44 (0)1223 326491; Fax: +44 (0)1223 325802; E-mail: dedwards@cambridge.org

Cambridge Journals Online

For further information about this journal please go to the journal website at:

journals.cambridge.org/CTY



CAMBRIDGE
UNIVERSITY PRESS

Cardiology in the Young

COPYRIGHT © 2013 CAMBRIDGE UNIVERSITY PRESS
ISSN 1047-9511

Table of Contents August 2013

REVIEW ARTICLE

- Quality of life of adult congenital heart disease patients: a systematic review of the literature 473
Theodora Fteropoulli, Jan Strygall, Shay Cullen, John Deanfield, Stanton P. Newman

ORIGINAL ARTICLES

- Association of macrophage migration inhibitory factor and mannose-binding lectin-2 gene polymorphisms in acute rheumatic fever 486
Nilgun Col-Araz, Sacide Peblivan, Osman Baspinar, Tugce Sever, Sibel Oguzkan-Balci, Ayse Balat
- Use of diagnostic information submitted to the United Kingdom Central Cardiac Audit Database: development of categorisation and allocation algorithms 491
Kate L. Brown, Sonya Crowe, Christina Pagel, Catherine Bull, Nagarajan Muthialu, John Gibbs, David Cunningham, Martin Utley, Victor T. Tsang, Rodney Franklin
- Patient and practice factors affecting growth of infants with systemic-to-pulmonary shunt 499
Andrew W. McCrory, Martha L. Clabby, William T. Mable
- A sibling-controlled, prospective study of outcomes at home and school in children with severe congenital heart disease 507
Christopher G. McCusker, Mark P. Armstrong, Mairead Mullen, Nicola N. Doberty, Frank A. Casey
- Long-term evaluation of endothelial function in Kawasaki disease patients 517
Fátima F. Pinto, Sérgio Laranjo, Filipa Parameís, Isabel Freitas, Miguel Mota-Carmo
- Mechanism of autograft insufficiency after the Ross operation in children 523
Motobiko Goda, Marc Gewillig, Benedicte Eyskens, Ruth Heying, Bjorn Cools, Filip Rega, Bart Meyns
- Jervell and Lange-Nielsen syndrome in a father and daughter from a large highly inbred family: a 16-year follow-up of 59 living members 530
Shyamal Kumar Sanyal, Kanwar K. Kaul, Akhtar Hussein, Robert S. Wilroy, Kisan Agarwal, Saira Sobel
- Peri-operative care in adults with congenital heart disease: room for improvement in after care 540
Dounya Schoormans, Ellen M. A. Smets, Ronald Zwart, Mirjam A. G. Sprangers, Tommy H. M. Veelenturg, Bas A. J. M. de Mol, Mark G. Hazekamp, Dave R. Koolbergen, Vladimir Sojak, Berto J. Bouma, Maarten Groenink, Matthijs S. M. Boekboldt, Ad P. C. M. Backx, Barbara J. M. Mulder
- Pilot study of nurse-led rheumatic heart disease echocardiography screening in Fiji – a novel approach in a resource-poor setting 546
Samantha M. Colquhoun, Jonathan R. Carapetis, Joseph H. Kado, Benjamin M. Reeves, Boglarka Remenyi, William May, Nigel J. Wilson, Andrew C. Steer
- Necrotising enterocolitis in infants with congenital heart disease: the role of enteral feeds 553
Glen J. Iannucci, Matthew E. Oster, William T. Mable
- Atrioventricular septal defects among infants in Europe: a population-based study of prevalence, associated anomalies, and survival 560
Nikolas Christensen, Helle Andersen, Ester Garne, Diana Wellesley, Marie-Claude Addor, Martin Haensler, Babak Khoshnood, Carmel Mullaney, Judith Rankin, David Tucker
- A systematic review of the pharmacological management of aortic root dilation in Marfan syndrome 568
Varsba Thakur, Kathryn N. Rankin, Lisa Hartling, Andrew S. Mackie
- Amplatzer occluder versus CardioSEAL/STARFlex occluder: a meta-analysis of the efficacy and safety of transcatheter occlusion for patent foramen ovale and atrial septal defect 582
Yifei Li, Kaiyu Zhou, Yimin Hua, Chuan Wang, Liang Xie, Jie Fang, Xin Rong, Jiantong Shen
- Evaluation of cardiac systolic and diastolic functions in small for gestational age babies during the first months of life: a prospective follow-up study 597
Dolunay Gürses, Burçin Seyhan

Table of Contents *continued*

IMAGES IN CONGENITAL CARDIAC DISEASE

- Cardiac hydatid cyst 606
Nageswara R. Koneti, Byalaa R. Jagannath, Narayanswami Sreeram
- Giant coronary artery aneurysms in Kawasaki disease: the cost of a missed diagnosis 608
Liliana Marta, Andreia Francisco, Rui Anjos

BRIEF REPORTS

- Neonatal ascending aortic thrombus: successful medical treatment 610
Roberto Gallotti, Cheryl E. Cammock, Natalia Dixon, Yoshio Ootaki
- Damus–Kaye–Stansel procedure 5 years after Fontan operation with ligated main pulmonary artery 613
Mohsen Karimi, Carol A. Rosenberg, William Lutin
- Coarctation of the aorta in the setting of tetralogy of Fallot: an uncommon cause of myocardial dysfunction 617
Glen J. Iannucci, William T. Mable, Martha L. Clabby
- Successful MitraClip™ implantation in a 15-year-old patient with multiple prior cardiac surgeries 620
Matthias Gorenflo, Hugo A. Katus, Raffi Bekeredjian

LETTERS TO THE EDITOR

- Conquest Pro 12 coronary guidewire for perforation of functionally interrupted aorta 623
Ender Odemis, Ibrahim C. Tanidir, Alper Guzelbas, Nevzat Uslu
- Left ventricular–right ventricular interaction in paediatric idiopathic dilated cardiomyopathy 626
Martin Koestenberger, William Ravekes

AEPC NEWSLETTER

627

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information

Cardiology in the Young © 2013 Cambridge University Press, ISSN 1047-9511 is published bi-monthly

Subscription information: Volume 23 (6 issues) will appear in 2013. Correspondence concerning subscriptions should be addressed to: Journals Customer Services, Cambridge University Press, The Edinburgh Building, Cambridge CB2 8RU, UK. Tel: +44 (0)1223 326070; Fax: +44 (0)1223 325150; E-mail enquiries: journals_subscriptions@cambridge.org; Web: www.cambridge.org; Cambridge Journals Online: www.journals.cambridge.org. The subscription rate for 2013 Volume 23 (6 issues) is: Individual rate £445 or US\$767; Institutional rate £925 or US\$1569. All prices inclusive of postage. Cheques should be made payable to Cambridge University Press. Copyright: The submission of a manuscript implies the following: (a) that the work described has not been published before, except in the form of an abstract or as part of a published lecture, review, or thesis; (b) that it is not under consideration for publication elsewhere; (c) that all co-authors approve its publication; (d) that its publication is approved by the responsible authorities at the institute where the work has been carried out; (e) that when the manuscript is accepted for publication, the authors agree to the automatic transfer of the copyright to the publisher; (f) that the manuscript will not be published elsewhere in any language without the consent of the copyright holders, and (g) that written permission of the copyright holder is obtained by the authors for material used from other copyrighted sources. All articles published in this journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article (e.g., as offprints), as well as all translation rights. No material published in this journal may be reproduced photographically or stored on microfilm, in video disks, etc., without first obtaining written permission from the publishers. The use of general descriptive names, trade names, trademarks, etc., in this publication, even if not specifically identified, does not imply that these names are not protected by the relevant laws and regulations. While the advice and information in this journal are believed to be true and accurate at the date of its going to press, neither the authors, the editors, nor the publisher can accept any legal responsibility for any errors or omissions that may be made. The publisher makes no warranty, express or implied, with respect to the material contained herein. Cambridge University Press publishes advertisements in this journal while relying on the responsibility of the advertiser to comply with all legal requirements relating to the marketing and sale of products or services advertised. Cambridge University Press and the editors are not responsible for claims made in the advertisements published in the journal. The appearance of advertisements in Cambridge University Press publications does not constitute endorsement, implied or intended, of the product advertised or the claims made for it by the advertiser. Photocopies may not be made for personal or in-house use beyond the limitations stipulated under US Copyright Law. Advertisements: For advertisement rates and information on advertisement copy contact *Cardiology in the Young*, Advertising Dept., Cambridge University Press (Journals), Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK. Tel: +44 (0)1223 325083; Fax: +44 (0)1223 325801; E-mail: ad_sales@cambridge.org. Change of address: Please notify the Subscription Department. Send new address and postal code, and the address label from a current issue to Journals Customer Services, Cambridge University Press, FREEPOST CB27, The Edinburgh Building, Cambridge CB2 8BR, UK. Tel: +44 (0)1223 326070; Fax: +44 (0)1223 325150; E-mail enquiries: journals_subscriptions@cambridge.org; Web: www.cambridge.org; Cambridge Journals Online: www.journals.cambridge.org. Printing: *Cardiology in the Young* (ISSN 1047-9511) is printed bi-monthly in 2013 by Latimer Trend, Plymouth.