



Cover: Vicky Earle

Journal of the British Association of Sport and Exercise Medicine

Editor
Karim Khan (Qatar)

Editorial Office
BMJ Publishing Group Ltd
BMA House
Tavistock Square
London WC1H 9JR, UK

T: +44 (0)20 7383 6622
F: +44 (0)20 7383 6787/6668
E: bjsm@bmj.com
Twitter: @BJSM_BMJ

Guidelines for Authors and Reviewers
Full instructions are available online at <http://bjsm.bmj.com/site/about/guidelines.xhtml>. Articles must be submitted electronically <http://mc.manuscriptcentral.com/bjsm>.

Authors retain copyright but are required to grant BJSM an exclusive licence to publish <http://group.bmj.com/products/journals/instructions-for-authors/licence-forms>

ISSN: 0306-3674 (print)
ISSN: 1473-0480 (online)
Impact factor: 4.171

Disclaimer: BJSM is published by BMJ Publishing Group Ltd (a wholly owned subsidiary of the British Medical Association) and the British Association of Sport and Exercise Medicine. The owners grant editorial freedom to the Editor of BJSM. BJSM 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.

BJSM 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 Association of Sport and Exercise Medicine 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.

To the fullest extent permitted by law, the BMJ Publishing Group Ltd shall not be liable for any loss, injury or damage resulting from the use of BJSM 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: © 2015 BMJ Publishing Group Ltd and British Association of Sport and Exercise Medicine. 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

BJSM is published by BMJ Publishing Group Ltd, typeset by Techset, and printed in the UK on acid-free paper.

British Journal of Sports Medicine (ISSN: 0306-3674) is published monthly by BMJ Publishing Group and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431 POSTMASTER: send address changes to British Journal of Sports Medicine, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Editorials

- 837** Training and competing in the heat in youth sports: *no sweat?*
M F Bergeron
- 839** The importance of listening: engaging and incorporating the athlete's voice in theory and practice
J R Weissensteiner
- 841** Youth athletic development: aiming high while keeping it healthy, balanced and fun!
M Mountjoy, M F Bergeron

Consensus statement

- 843** International Olympic Committee consensus statement on youth athletic development
M F Bergeron, M Mountjoy, N Armstrong, M Chia, J Côté, C A Emery, A Faigenbaum, G Hall Jr, S Kriemler, M Léglise, R M Malina, A M Pensgaard, A Sanchez, T Soligard, J Sundgot-Borgen, W van Mechelen, J R Weissensteiner, L Engebretsen

Reviews

- 852** Biological maturation of youth athletes: assessment and implications
R M Malina, A D Rogol, S P Cumming, M J C e Silva, A J Figueiredo
- 860** Muscle metabolism changes with age and maturation: How do they relate to youth sport performance?
N Armstrong, A R Barker, A M McManus

- 865** Neuromuscular training injury prevention strategies in youth sport: a systematic review and meta-analysis
C A Emery, T-O Roy, J L Whitaker, A Nettel-Aguirre, W van Mechelen
- 871** Coach development programmes to improve interpersonal coach behaviours: a systematic review using the re-aim framework
M B Evans, M McGuckin, H L Gainforth, M W Bruner, J Côté
- 878** Detecting and developing youth athlete potential: different strokes for different folks are warranted
H T Suppiah, C Y Low, M Chia
- 883** Safeguarding the child athlete in sport: a review, a framework and recommendations for the IOC youth athlete development model
M Mountjoy, D J A Rhind, A Tiivas, M Leglise

Original articles

- 887** A novel antidoping and medical care delivery model at the 2nd Summer Youth Olympic Games (2014), Nanjing China
M Mountjoy, N Akef, R Budgett, S Greinig, G Li, J Manikavasagam, T Soligard, X Haiming, X Yang
- 893** All-cause and disease-specific mortality among male, former elite athletes: an average 50-year follow-up
J A Kettunen, U M Kujala, J Kaprio, H Bäckemund, M Peltonen, J G Eriksson, S Sarna

Republished research from the BMJ

- 898** Survival of the fittest: retrospective cohort study of the longevity of Olympic medallists in the modern era
P M Clarke, S J Walter, A Hayen, W J Mallon, J Heijmans, D M Studdert

Subscription information

British Journal of Sports Medicine is published monthly; subscribers receive all supplements

Institutional rates 2015

Print
£728; US\$1420; €983

Online

Site licences are priced on FTE basis and allow access by the whole institution. Details available online at <http://group.bmj.com/subscribe/?bjsm> or contact the Subscription Manager in the UK

Personal rates 2015

Print (includes online access at no additional cost)
£254; US\$496; €343

Online only

£150; US\$293; €203

ISSN 0306-3674 (print); 1473-0480 (online)

Personal print or online only and institutional print subscriptions may be purchased online at <http://group.bmj.com/subscribe/?bjsm> (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

Receive regular table of contents by email. Register using this QR code.



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

This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://bjsm.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.uk

