



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 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.

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: © 2014 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.

Editorial

- 67** Advancing the understanding of physical activity and cardiovascular risk factors in children: the European Youth Heart Study
L B Andersen, K Froberg

Reviews

- 69** Is previous history a reliable predictor for acute mountain sickness susceptibility? A meta-analysis of diagnostic accuracy
M J MacInnis, K R Lohse, J K Strong, M S Koehle
- 76** Solid organ transplant recipients: clinical considerations in the application of exercise
K-J L McKenzie, D C McKenzie, E M Yoshida
- 79** Evaluation of the effectiveness of anterior cruciate ligament injury prevention programme training components: a systematic review and meta-analysis
J B Taylor, J P Waxman, S J Richter, S J Shultz

Consensus statement

- 88** Recommendations for policy development regarding sport-related concussion prevention and management in Canada
P Frémont, L Bradley, C H Tator, J Skinner, L K Fischer, from the Canadian Concussion Collaborative

Original articles

- 90** Muscle strength in youth and cardiovascular risk in young adulthood (the European Youth Heart Study)
A Grøntved, M Ried-Larsen, N C Møller, P L Kristensen, K Froberg, S Brage, L B Andersen

- 95** Sitting-time and 9-year all-cause mortality in older women
T G Pavey, G (Geeske) Peeters, W J Brown
- 100** Early multimodal rehabilitation following lumbar disc surgery: a randomised clinical trial comparing the effects of two exercise programmes on clinical outcome and lumbar multifidus muscle function
J J Hebert, J M Fritz, A Thackeray, S L Koppenhaver, D Teyhen
- 107** Moderate-and-vigorous physical activity from adolescence to adulthood and subclinical atherosclerosis in adulthood: prospective observations from the European Youth Heart Study
M Ried-Larsen, A Grøntved, P L Kristensen, K Froberg, L B Andersen
- 113** Development and validation of a questionnaire to measure the severity of functional limitations and reduction of sports ability in German-speaking patients with exercise-induced leg pain
T Nauck, H Lohrer, N Padhiar, J B King
- 118** High knee abduction moments are common risk factors for patellofemoral pain (PFP) and anterior cruciate ligament (ACL) injury in girls: Is PFP itself a predictor for subsequent ACL injury?
G D Myer, K R Ford, S L Di Stasi, K D B Foss, L J Micheli, T E Hewett

MORE CONTENTS ►



EDITOR'S CHOICE

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



OPEN ACCESS

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>



These papers may be seen as "non-conformist" and challenging for classic peer review; for further information see <http://bjsm.bmj.com/cgi/content/full/42/2/79>



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



- 123** Are people who do yoga any better at a motor imagery task than those who do not?
S B Wallwork, D S Butler, D J Wilson, G L Moseley
- 128** Evidence of cardiac functional reserve upon exhaustion during incremental exercise to determine VO_{2max}
A D Elliott, J Skowno, M Prabhu, T D Noakes, L Ansley

PEDro systematic review update

- 133** Prevention of non-contact anterior cruciate ligament injuries: PEDro synthesis
L C H Junior, S J Kamper

Republished research from the *BMJ*

- 135** Interspinous process device versus standard conventional surgical decompression for lumbar spinal stenosis: randomised controlled trial
W A Moojen, M P Arts, W C H Jacobs, E W van Zwet, M E van den Akker-van Marle, B W Koes, C L A M Vleggeert-Lankamp, W C Peul, for the Leiden-The Hague Spine Intervention Prognostic Study Group (SIPS)
- 136** Exploration and confirmation of factors associated with uncomplicated pregnancy in nulliparous women: prospective cohort study
L C Chappell, P T Seed, J Myers, R S Taylor, L C Kenny, G A Dekker, J J Walker, L M E McCowan, R A North, L Poston

Receive regular table of contents by email.

Register using this QR code.



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/?bjism> 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/?bjism> (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