



Design: Vicky Earle

Journal of the British Association of Sport and Exercise Medicine

**Editor-in-Chief**  
Karim Khan (Canada)

**Editors**  
Babette Pluim (Netherlands)  
Kay Crossley (Australia)

**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](mailto:bjsm@bmj.com)  
Twitter: @BJSM\_BMJ

**Guidelines for Authors and Reviewers**  
Full instructions are available online at <http://bjsm.bmj.com/pages/authors/>. Articles must be submitted electronically <http://bjsm.bmj.com/pages/authors/>. Authors retain copyright but are required to grant *BJSM* an exclusive licence to publish (<http://authors.bmj.com/submitting-your-paper/copyright-and-authors-rights/>).

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

**Impact factor:** 6.6

**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.

Copyright: © 2018 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 Exeter Premedia Services Private Ltd, Chennai, India 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.

## Warm up

**549** #sportsuisse2018 – ‘Best of’ in Bern – again!  
15–16 November 2018  
*M Bizzini, N Mathieu*

## Editorials

- 550** Injury and illness surveillance in tennis: an evolving process  
*T S Ellenbecker, K Stroia*
- 551** Imaging for hip-related groin pain: don't be hip-notised by the findings  
*K O'Sullivan, B Darlow, P O'Sullivan, B B Forster, M P Reiman, A Weir*
- 552** What treatment options exist for patients with femoroacetabular impingement syndrome but without surgical indication?  
*N C Casartelli, M Bizzini, J Kemp, F D Naal, M Leunig, N A Maffiuletti*
- 553** Invited commentary: methodological issues in the design and analysis of randomised trials  
*M A Mansournia, D G Altman*
- 555** Pain and fatigue in sport: are they so different?  
*K O'Sullivan, P B O'Sullivan, T J Gabbett*

## Consensus statement

**557** Risk factors, diagnosis and non-surgical treatment for meniscal tears: evidence and recommendations: a statement paper commissioned by the Danish Society of Sports Physical Therapy (DSSF)  
*J B Thorlund, C B Juhl, L H Ingelsrud, S T Skou*

## Subscription information

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

### Institutional rates 2018

**Print** £845

**Online** Site licences are priced on FTE basis and allow access by the whole institution. Details available online at <http://journals.bmj.com/content/subscribers?bjsm>

### Personal rates 2018

**Print** (includes online access at no additional cost)  
£296

**Online only** £175

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 <http://journals.bmj.com/content/subscribers?bjsm>

## Reviews

- 566** Lower limb biomechanics in femoroacetabular impingement syndrome: a systematic review and meta-analysis  
*M G King, P R Lawrenson, A J Semciw, K J Middleton, K M Crossley*
- 581** What is the prevalence of imaging-defined intra-articular hip pathologies in people with and without pain? A systematic review and meta-analysis  
*J J Heerey, J L Kemp, A B Mosler, D M Jones, T Pizzari, R B Souza, K M Crossley*

## Original articles

- 594** McKenzie Method of Mechanical Diagnosis and Therapy was slightly more effective than placebo for pain, but not for disability, in patients with chronic non-specific low back pain: a randomised placebo controlled trial with short and longer term follow-up  
*A N Garcia, L d C M Costa, M J Hancock, F S de Souza, G V F de Oliveira Gomes, M O de Almeida, L O P Costa*
- 601** Physical activity during adolescence and the development of cam morphology: a cross-sectional cohort study of 210 individuals  
*A Palmer, S Fernquest, M Gimpel, R Birchall, A Judge, J Broomfield, J Newton, M Wotherspoon, A Carr, S Glyn-Jones*
- 611** Injury rates in recreational tennis players do not differ between different playing surfaces  
*B M Pluim, B Clarsen, E Verhagen*

**MORE CONTENTS ►**



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](http://www.publicationethics.org.uk)



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

---

**PEDro systematic review update**

- 616** Rest and return-to-sport recommendations following sport-related concussion (PEDro synthesis)  
*A P Balasundaram, A G Schneiders, S J Sullivan*

---

**PhD Academy Award**

- 618** Keeping athletes on the field: preventing primary and secondary ACL injuries  
*A J H Arundale*

---

**Miscellaneous**

- 600** Correction: *AMSSM position statement on cardiovascular preparticipation screening in athletes: current evidence, knowledge gaps, recommendations and future directions*
- 619** Correction: *'Microbes in sport' –The potential role of the gut microbiota in athlete health and performance*

---

**Electronic pages**

- e1** 2017 Thank you to our reviewers