

# British Journal of Sports Medicine

## Editor

Paul McCrory (Australia)

## North American editor

Karim Khan (Canada)

## Book review editor

Susan White (Australia)

## SportsMedUpdate editor

Martin Schweltnus (South Africa)

## Editorial board

H Alfredson (Sweden)

F Arroyo (Mexico)

R Bahr (Norway)

M E Batt (UK)

K Bennell (Australia)

T M Best (USA)

C Bladin (Australia)

S N Blair (USA)

P Brukner (Australia)

D Caine (USA)

L Castell (UK)

D Chalmers (New Zealand)

P Conaghan (UK)

M Cullen (UK)

G Davis (Australia)

W Derman (South Africa)

J Dvorak (Switzerland)

K B Fields (USA)

C Finch (Australia)

P Fricker (Australia)

P Holmich (Denmark)

K Johnston (Canada)

A M Jones (UK)

B Jordan (USA)

P Kannus (Finland)

J Karlsson (Sweden)

J Kerr (Japan)

W B Kibler (USA)

N Maffulli (UK)

J McConnell (Australia)

A McIntosh (Australia)

H McKay (Canada)

C Milne (New Zealand)

J Moriarity (USA)

T Noakes (South Africa)

M O'Brien (Ireland)

J Orchard (Australia)

P Renstrom (Sweden)

W Roberts (USA)

M Schweltnus (South Africa)

R J Shephard (Canada)

I Shrier (Canada)

J Taunton (Canada)

M Turner (UK)

W van Mechelen (The Netherlands)

S P von Duvillard (USA)

A D J Webb (UK)

B Whipp (UK)

Editor, *BMJ*

## Guidelines for authors and reviewers

Full instructions are available online at <http://bjsm.bmj.com/fora>

All papers must be submitted via Bench>Press at

<http://submit-bjsm.bmj.com>

## Subscription information

See inside back cover

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

## Disclaimer

The *British Journal of Sports Medicine* 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 BMA grants editorial freedom to the Editor of the *British Journal of Sports Medicine*. The *British Journal of Sports Medicine* 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. The *British Journal of Sports Medicine* 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 the *British Journal of Sports Medicine* 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

© 2007 BMJ Publishing Group and the 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 the prior permission of *British Journal of Sports Medicine*.

- Authors are required to grant *British Journal of Sports Medicine* an exclusive licence to publish; further details available online at <http://bjsm.bmj.com/fora/licence.dtl>
- *British Journal of Sports Medicine* is published by BMJ Publishing Group, copyedited by Macmillan India Ltd, typeset by The Charlesworth Group and printed in UK on acid-free paper by Cambrian Printers Limited, Aberystwyth
- Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *British Journal of Sports Medicine*, c/o Mercury Airfreight International Ltd Inc, 365 Blair Road, Avenel, NJ 07001, USA



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

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

# contents BJSM

Volume 41 Number 5 May 2007



Physiological responses in professional tennis players (see pp 296–300)

Editor's choice article is freely available online (see pp 285–289)

## Warm up

- 281 The reformation of sports medicine *P McCrory*

## Leader

- 283 Is there a link between malignant hyperthermia and exertional heat illness? *P M Hopkins*  
Commentary—*F Wappler*

## Review

- 285 Wireless connectivity for health and sports monitoring: a review *S Armstrong*  
Commentary 1—*E Jovanov*  
Commentary 2—*D G Kerwin*

## Original articles

- 290 Characteristics of youth soccer players aged 13–15 years classified by skill level  
*R M Malina, B Ribeiro, J Aroso, S P Cumming*  
Commentary 1—*V Unnithan*  
Commentary 2—*D Kirkendall*
- 296 Activity patterns, blood lactate concentrations and ratings of perceived exertion during a professional singles tennis tournament  
*A Mendez-Villanueva, J Fernandez-Fernandez, D Bishop, B Fernandez-Garcia, N Terrados*  
Commentary—*A Ferrauti*
- 301 Automated external defibrillators in Washington State high schools *J D Rothmier, J A Drezner, K G Harmon*  
Commentary—*C LeBrun*
- 306 Risk of hepatitis B infections in Olympic wrestling  
*S Bereket-Yücel*  
Commentary—*F Konukman*
- 311 Relationship between the intensity of physical activity, inactivity, cardiorespiratory fitness and body composition in 7–10-year-old Dublin children *J Hussey, C Bell, K Bennett, J O'Dwyer, J Gormley*
- 317 A 6-month prospective study of injury in Gaelic football *F Wilson, S Caffrey, E King, K Casey, C Gissane*
- 322 Change in the capability of reactive oxygen species production by neutrophils following weight reduction in female judoists *M Yaegaki, T Umeda, I Takahashi, M Matsuzaka, N Sugawara, S Shimaya, M Tanabe, A Kojima, N Mochida, Y Yamamoto, S Nakaji*
- 328 Consensus statement on injury definitions and data collection procedures for studies of injuries in rugby union *C W Fuller, M G Molloy, C Bagate, R Bahr, J H M Brooks, H Donson, S P T Kemp, P McCrory, A S McIntosh, W H Meeuwisse, K L Quarrie, M Raftery, P Wiley*

# contents BJSM

Volume 41 Number 5 May 2007

- 332 A study on *tinea gladiatorum* in young  
wrestlers and dermatophyte contamination  
of wrestling mats from Sari, Iran  
*M T Hedayati, P Afshar, T Shokohi, R Aghili*

## Case reports

- 335 Strong diabetes *J Young, A Anwar*  
Commentary—*C Milne*
- 337 A stress fracture of the lumbar spine in a  
professional rugby player *B H Castinel,*  
*P Adam, C Prat*

## PostScript

- 339 Letter
- 339 Book review
- 340 Calendar of events

## SportsMedUpdate

- 341 Evidence based journal watch