

Editor

Paul McCrory

Associate editor

Ron Maughan

North American editors

Scott H Grindell
Karim Khan

Book review editor

Susan White

SportsMedUpdate editor

Martin Schweltnus

Editorial assistant

Janet McKinney

Technical editors

Natalie West
Christine Wakefield

Editorial board

Hakan Alfredson (Sweden)	Nicola Maffulli (UK)
Roald Bahr (Norway)	Jenny McConnell (Australia)
Mark E Batt (UK)	Andrew McIntosh (Australia)
Ralph Beneke (UK)	Heather McKay (Canada)
Kim Bennell (Australia)	Chris Milne (New Zealand)
Thomas M Best (USA)	Tim D Noakes (S Africa)
Steve N Blair (USA)	Moirá O'Brien (Eire)
Steve Bollen (UK)	John Orchard (Australia)
Peter Brukner (Australia)	Per A Renstrom (Sweden)
Louise Burke (Australia)	William O Roberts (USA)
Linda Castell (UK)	Craig Sharp (UK)
David Chalmers (New Zealand)	Roy J Shephard (Canada)
Philip Conaghan (UK)	Ian Shrier (Canada)
Caroline Finch (Australia)	Jack E Taunton (Canada)
Peter Fricker (Australia)	Dan S Tunstall Pedoe (UK)
Wayne W Gibbon (UK)	Mike Turner (UK)
Per Holmich (Denmark)	Willem van Mechelen (Netherlands)
Karen Johnston (Canada)	ADJ Webbom (UK)
Barry Jordan (USA)	Brian J Whipp (UK)
Pekka Kannus (Finland)	Clyde Williams (UK)
Jon Karlsson (Sweden)	Editor, <i>BMJ</i>
B Kibler (USA)	
Abby C King (USA)	

Instructions to authors

All papers must be submitted via BenchPress at <http://submit-bjbm.bmjournals.com/>

Subscription information

See inside back cover

Copyright

© 2005 *British Journal of Sports 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://bjbm.bmjournals.com/misc/ifora.shtml>

• *British Journal of Sports Medicine* is published by BMJ Publishing Group, typeset by The Charlesworth Group, and printed in UK on acid-free paper by MPG Books Limited, Bodmin

• 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

• ISSN: 0306-3674 (print)

• ISSN: 1473-0480 (online)



www.publicationethics.org.uk

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



Cadence selection affects metabolic responses during cycling and subsequent running time to fatigue (see page 267)

Warm up

249 A cause for concern? *P McCrory*

Leaders

250 Sport and exercise medicine in the United Kingdom comes of age *M Cullen, M Batt*

251 Can oestrogen influence skeletal muscle damage, inflammation, and repair? *P M Tiidus*

Review

254 Craniomaxillofacial injury in sport: a review of prevention research *P S Echlin, R E G Upshur, D M Peck, E N Skopelja*

Original articles

264 Physiological profile in relation to playing position of elite college Gaelic footballers *M C McIntyre, M Hall*

267 Cadence selection affects metabolic responses during cycling and subsequent running time to fatigue *F Vercruyssen, R Suriano, D Bishop, C Hausswirth, J Brisswalter*

273 Physiological adaptations to soccer specific endurance training in professional youth soccer players *K McMillan, J Helgerud, R Macdonald, J Hoff*

278 Scale of protection and the various types of sports mouthguard *D G Patrick, R van Noort, M S Found*

282 Low bone mineral density is two to three times more prevalent in non-athletic premenopausal women than in elite athletes: a comprehensive controlled study *M K Torstveit, J Sundgot-Borgen*
Commentary—*J D Wark*

288 A prospective study of injuries and training amongst the England 2003 Rugby World Cup squad *J H M Brooks, C W Fuller, S P T Kemp, D B Reddin*

294 Reliability and validity of a brief physical activity assessment for use by family doctors *A L Marshall, B J Smith, A E Bauman, S Kaur*
Commentary—*F Bull*

298 High prevalence of jumper's knee and sonographic changes in Swedish elite junior volleyball players compared to matched controls *K Gisslén, C Gyulai, K Söderman, H Alfredson*

302 Exercise over-stress and maximal muscle oxidative metabolism: a ³¹P magnetic resonance spectroscopy case report *B R Newcomer, B Sirikul, G R Hunter, E Larson-Meyer, M Bamman*

PostScript

307 • Book reviews

308 • Calendar of events

.....
SportsMedUpdate

309 Evidence based journal watch

.....
Miscellanea

253 Electronic pages

266 Electronic pages

297 Electronic pages

.....
Electronic pages

e23 Development and initial validation of the Brunel lifestyle physical activity questionnaire *C I Karageorghis, M M Vencato, N L D Chatzisarantis, A V Carron*

e24 Acute effects of a single open sea air dive and post-dive posture on cardiac output and pulmonary gas exchange in recreational divers

Z Dujic, D Bakovic, I Marinovic-Terzic, D Eterovic

e25 High strain mechanical loading rapidly induces tendon apoptosis: an ex vivo rat tibialis anterior model *A Scott, K M Khan, J Heer, J L Cook, O Lian, V Duronio*

e26 The kick with the kite: an analysis of kite surfing related off shore rescue missions in Cape Town, South Africa *A K Exadaktylos, G M Sclabas, I Blake, K Swemmer, G McCormick, P Erasmus*
Commentaries—*M Muhm, M Curatolo*

e27 Hepatocellular adenomas associated with anabolic androgenic steroid abuse in bodybuilders: a report of two cases and a review of the literature *L Socas, M Zumbado, O Pérez-Luzardo, A Ramos, C Pérez, J R Hernández, L D Boada*

e28 Posterior sternoclavicular dislocation in a rugby player as a cause of silent vascular compromise: a case report *A H Mirza, K Alam, A Ali*