Contents

Volume 46 Issue 2 | BJSM February 2012

Warm up
79 Hamstring issues in sports: still a major clinical and research challenge
N Malliaropoulos, N Maffulli

Editorials
81 Hamstring strain injuries: are we heading in the right direction?
J Mendiguchia, E Alentorn-Geli, M Brughelli

86 High-speed running type or stretching-type of hamstring injuries makes a difference to treatment and prognosis
C M Askling, N Malliaropoulos, J Karlsson

88 Hamstrings are most susceptible to injury during the early stance phase of sprinting
J W Orchard

90 Hamstrings are most susceptible to injury during the late swing phase of sprinting
E S Chumanov, A G Schache, B C Heiderscheit, D G Thelen

Commentary
91 The Hjelp24 NIMI Ringerike obesity clinic: an inpatient programme to address morbidity in adults
S Mæhlum, K K Danielsen, I K Heggebye, J Schiøtt

Reviews
95 Risk factors for injury in rugby union football in New Zealand: a cohort study
D J Chalmers, A Sanaamayaka, P Culliver, B McNoe

103 Therapeutic interventions for acute hamstring injuries: a systematic review
G Reurink, G J Goudswaard, J L Tol, J A N Verhaar, A Wéer, M H Maffeule

PEDro systematic review update
110 External devices (including orthotics) to control excessive foot pronation
R Z Pinto, T R Souza, C G Maher

Original articles
112 Hamstring muscle injuries in professional football: the correlation of MRI findings with return to play
J Ekstrand, J C Healy, M Wälttén, J C Lee, B English, M Hägglund

118 Altered muscle activation following hamstring injuries
G Sole, S Milosavljevic, H Nicholson, S J Sullivan

124 Risk factors of recurrent hamstring injuries: a systematic review
H M de Visser, M Reijman, MP Heijboer, PK Bos

131 Clustered metabolic risk and leisure-time physical activity in adolescents: effect of dose?
K Pahlka, O H Joeninen, H Lagström, P Hakala, M Hakanen, M Hennelähi, S Ruotinen, L Sillanpää, T Rönemaa, J Viikari, O T Raitakari, O Simell

138 Injury in elite county-level hurling: a prospective study
J C Murphy, C Gissane, C Blake

MORE CONTENTS ➤
A report of the medical team activity at the 2009 Special Olympics GB
P C Wheeler, T Williamson, C Stephens, M Ferguson

Sleep quality evaluation, chronotype, sleepiness and anxiety of Paralympic Brazilian athletes: Beijing 2008 Paralympic Games
A Silva, S S Queiroz, C Winckler, R Vital, R A Sousa, V Fagundes, S Tufik, M T de Mello

Nutritional supplement series
155 A–Z of nutritional supplements: dietary supplements, sports nutrition foods and ergogenic aids for health and performance—Part 29
M K Ranchordas, N Burd, D S Senchina, L M Burke, S J Stear, L M Castell

Subscription Information

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

Institutional Rates 2012

Print
£559; US$1091; €755

Online
Site licences are priced on FTE basis and allow access by the whole institution. Print is available at deeply discounted rates for online subscribers; details available online at http://group.bmj.com/subscribe/?bjsm or contact the Subscription Manager in the UK (see above right)

Personal Rates 2012

Print (includes online access at no additional cost)
£194; US$379; €262

Online Only
£122; US$238; €165

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