

**Associate Editors**  
**H Alfredson** (Sweden)  
**H Al Tunaaji** (United Arab Emirates)  
**J M Alonso** (Spain)  
**F Arroyo** (Mexico)  
**D Berkoff** (USA)  
**C Bleakley** (UK)  
**K Bo** (Norway)  
**M Börjesson** (Sweden)  
**D Caine** (USA)  
**L Castell** (UK)  
**C Chang** (US)  
**B Clarsen** (Norway)  
**M Collins** (South Africa)  
**P Conaghan** (UK)  
**J Davis** (Canada)  
**W Derman** (South Africa)  
**M Dohi** (Japan)  
**M Donaldson** (USA)  
**D Dunstan** (Australia)  
**C Emery** (Canada)  
**C Engstrom** (Australia)  
**A Franklyn-Miller** (UK)  
**C Fuller** (UK)  
**D Gerrard** (New Zealand)  
**B Hamilton** (New Zealand)  
**K Harmon** (USA)  
**T Hewett** (USA)  
**P Hölmich** (Denmark)  
**M Hutchinson** (USA)  
**A Jones** (UK)  
**E Joy** (USA)  
**A Junge** (Germany)  
**J Karlsson** (Sweden)  
**B Kibler** (US)  
**P Kippelen** (UK)  
**M Kjaer** (Denmark)  
**M Koehle** (Canada)  
**T Krosshaug** (Norway)  
**U Kujala** (Finland)  
**T Liu-Ambrose** (Canada)  
**K Logan** (USA)  
**A Lucia** (Spain)  
**M Maas** (Netherlands)  
**M Makdissi** (Australia)  
**A Mansingh** (Jamaica)  
**I McClay Davis** (USA)  
**J McConnell** (Australia)  
**C Milne** (New Zealand)  
**W van Mechelen** (Netherlands)  
**J Moriarity** (USA)  
**L Moseley** (UK)  
**G Murrell** (Australia)  
**G Myklebust** (Norway)  
**G Ng** (Hong Kong)  
**J Orchard** (Australia)  
**N Peirce** (UK)  
**N Phillips** (UK)  
**M Pratt** (USA)  
**P Renström** (Sweden)  
**R Rhodes** (Canada)  
**M A Risberg** (Norway)  
**M Robertson** (New Zealand)  
**A Schache** (Australia)  
**A Scott** (Canada)  
**C Sherrington** (Australia)  
**I Shrier** (Canada)  
**RT Silva** (Brazil)  
**H Silvers** (USA)  
**CJ Sundberg** (Sweden)  
**J Thing** (UK)  
**K Thorborg** (Denmark)  
**S Till** (UK)  
**M Turner** (UK)  
**R van Cingel** (Netherlands)  
**G Verrall** (Australia)  
**M Walden** (Sweden)  
**S Warden** (USA)  
**N Webborn** (UK)  
**A Weir** (Netherlands)  
**L West** (UK)  
**G White** (Australia)  
**G Whyte** (UK)  
**M Wilson** (Qatar)  
**E Witvrouw** (Belgium)  
**T Wood** (Australia)  
**R Zernicke** (USA)  
**J Zwerver** (Netherlands)

**IPHP Editorial Board**

**Juan Manuel Alonso** (Spain)  
**Richard Budgett** (UK)  
**Don Catlin** (USA)  
**Caroline Finch** (Australia)  
**P Connes** (French West Indies)  
**Ken Fitch** (Australia)  
**Claude-Louis Gallien** (France)  
**Peter Jenoure** (Switzerland)  
**Margo Mountjoy** (Canada)  
**Antonio Pellicia** (Italy)  
**Mark Stuart** (UK)  
**Jack Taunton** (Canada)

**Continental Representatives**

**Chris Milne** (Oceania)  
**Klaus Steinbach** (Europe)  
**Eduardo de Rose** (Americas)  
**Manikavasagam Dato Jegathesan** (Asia)  
**Constant Roux** (Africa)

**Editor at Large**

**Paul McCrory** (Australia)

**PEdRo Editor**

**Catherine Sherrington** (Australia)



# British Journal of Sports Medicine publishes original research, reviews and debate relating to clinically-relevant aspects of sport and exercise medicine

**Editor**

**Karim Khan** (Qatar)

**Deputy Editors**

**Jill Cook** (Australia)  
**Babette Pluim** (Netherlands)

**IPHP Editors**

**Lars Engebretsen** (Norway)  
**Kathrin Steffen** (Norway)

**Chair of IOC Medical Commission**

**Arne Ljungqvist** (Sweden)

**Senior Associate Editors**

**Elizabeth Arendt** (USA)  
**Roald Bahr** (Norway)  
**Mark Batt** (UK)  
**Mario Bizzini** (Switzerland)  
**Steven Blair** (USA)  
**Peter Brukner** (Australia)  
**Ann Cools** (Belgium)  
**Kay Crossley** (Australia)  
**Michael Cullen** (UK)  
**Jonathan Drezner** (USA)  
**Lars Engebretsen** (Norway)  
**Jiri Dvořák** (Switzerland)  
**Caroline Finch** (Australia)  
**Bruce Forster** (Canada)  
**Paul Hodges** (Australia)  
**Phillip Glasgow** (UK)  
**Nicola Maffulli** (UK)  
**Chris Milne** (New Zealand)  
**Timothy Noakes** (South Africa)  
**Neville Owen** (Australia)  
**Jon Patricios** (South Africa)  
**Martin Schwelnus** (South Africa)  
**Steven Stovitz** (USA)  
**Hans Tol** (Qatar)

**Stewart Trost** (Australia)  
**Evert Verhagen** (Netherlands)  
**Bill Vicenzino** (Australia)

**IPHP Senior Associate Editors**

**Roald Bahr** (Norway)  
**Jiri Dvořák** (Switzerland)  
**Caroline Finch** (Australia)  
**Tim Hewett** (USA)  
**Astrid Junge** (Germany)  
**Michael Kjær** (Denmark)  
**Tron Krosshaug** (Norway)  
**Gordon Matheson** (USA)  
**Winne Meeuwisse** (Canada)  
**Grethe Myklebust** (Norway)  
**Per Renström** (Sweden)  
**Martin Schwelnus** (South Africa)

The editorial board members can be viewed online at <http://bjsm.bmj.com/site/about/edboard.xhtml>

**BJSM affiliations**

BJSM is the official journal of BASEM ([www.basem.co.uk](http://www.basem.co.uk)) who co-own the title with BMJ Group—BASEM members receive the journal in print and have online access.

It is also the official journal of ECOSEP ([www.ecosep.eu](http://www.ecosep.eu)) and an official journal of the Australasian College of Sports Physicians ([www.acsp.org.au](http://www.acsp.org.au)) whose members have online access via their organisations' websites.

The following groups also have access to BJSM Online as a benefit of membership

- ▶ American Medical Society of Sports Medicine  
[www.amssm.org](http://www.amssm.org)
- ▶ South African Association of Sports Medicine  
<http://www.sasma.org.za/>
- ▶ Swiss Sports Physiotherapy Association  
[www.sportfisio.ch](http://www.sportfisio.ch)
- ▶ Vereniging voor Sportgeneeskunde  
<http://www.sportgeneeskunde.com/>
- ▶ The Norwegian Association of Sports Medicine and Physical Activity (NIMF)  
<http://legeforenningen.no/>
- ▶ The Norwegian Sports Physiotherapy Association (FFI)  
<http://www.fysio.no>
- ▶ Swedish Society of Exercise and Sports Medicine  
<http://svenskidrottsmedicin.se/>
- ▶ Association of Chartered Physiotherapists in Sports and Exercise Medicine (ACPSEM)  
<http://www.physiosinsport.org/>
- ▶ Sports Medicine Australia  
<http://sma.org.au/>
- ▶ Sports Doctors Australia (SDrA)  
<http://www.sportsdoctors.com.au/>

**Contact Details**

**Editorial Office**  
British Journal of Sports Medicine  
BMJ Publishing Group, BMA House  
Tavistock Square, London WC1H 9JR, UK  
T: +44 (0)20 7383 6909  
E: [bjsm@bmj.com](mailto:bjsm@bmj.com)

**Production editor**  
Malcolm Smith  
E: [msmith@bmj.com](mailto:msmith@bmj.com)

**Permissions**  
<http://group.bmj.com/group/rights-licensing/permissions>

**Supplement Enquiries**  
T: +44 (0)20 7383 6088  
E: [journals@bmj.com](mailto:journals@bmj.com)

**Subscriptions**  
T: +44 (0)20 7111 1105  
E: [support@bmj.com](mailto:support@bmj.com)

**Display Advertising Sales**  
Sophie Fitzsimmons (Sales Manager)  
T: +44 (0)20 7383 6783  
E: [sfitzsimmons@bmj.com](mailto:sfitzsimmons@bmj.com)  
<http://group.bmj.com/group/advertising>

**Online Advertising Sales**  
Marc Clifford (Sales Manager)  
T: +44 (0)20 7383 6161  
E: [mclifford@bmj.com](mailto:mclifford@bmj.com)  
<http://group.bmj.com/group/advertising>

**Display & Online Advertising Sales (USA)**  
Jim Cunningham  
T: +1 201 767 4170  
E: [jcunningham@cunnasso.com](mailto:jcunningham@cunnasso.com)  
**Author Reprints**  
Dennis Barber  
T: +44 (0)20 7383 6305  
E: [admin.reprints@bmj.com](mailto:admin.reprints@bmj.com)

**Commercial Reprints** (except USA & Canada)  
Nadia Gurney-Randall  
T: +44 (0)20 8445 5825  
M: 07866 262344  
E: [ngurneyrandall@bmj.com](mailto:ngurneyrandall@bmj.com)

**Commercial Reprints** (USA & Canada)  
Marsha Fogler  
T: +1 800 482 1450 (toll free in the USA)  
T: +1 856 489 4446 (outside the USA)  
E: [mfogler@bmj.com](mailto:mfogler@bmj.com)

**British Association of Sport and Exercise Medicine**  
Suite 1C, Hutton Business Centre, Bentley Road,  
Bentley, Doncaster DN5 9QP  
T: +44 (0)1302 822300  
E: [basemcentral@basem.co.uk](mailto:basemcentral@basem.co.uk)