



Cover image: Mental Fitness, based on the image by Richard Tuschman.
Credit: Getty Images

Editor

Matthew C Kiernan (Australia)

Deputy Editors

Karen L Furie (USA)

Michael Hanna (UK)

Associate Editors

Alan Carson (UK)

Satoshi Kuwabara (Japan)

Nick Ward (UK)

Peter Warnke (USA)

Web Editors

Clare Caldwell

Arun Krishnan

Cindy Lin

Steve Vucic

Editors, Practical Neurology

Geraint Fuller (UK)

Phil Smith (UK)

Editorial Office

Journal of Neurology Neurosurgery & Psychiatry

BMJ Publishing Group Ltd

BMA House

Tavistock Square

London WC1H 9JR, UK

T: +44 (0)20 7833 6467

F: +44 (0)20 7383 6668

E: jnnp@bmjgroup.com

ISSN: 0022-3050 (print)

ISSN: 1468-330X (online)

Impact factor: 4.92

Disclaimer: *JNNP* is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The BMJ Group grants editorial freedom to the Editor of *JNNP*. *JNNP* 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.

JNNP 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 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 *JNNP* 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: © 2013 BMJ Publishing Group. 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.

JNNP is published by BMJ Publishing Group Ltd, typeset by Techset, Chennai, India and printed in the UK on acid-free paper from sustainable forests.

Journal of Neurology Neurosurgery & Psychiatry (ISSN No: 0022-3050) 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 *Journal of Neurology Neurosurgery & Psychiatry*, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Contents

Volume 84 Issue 10 | **JNNP** October 2013

Editorial commentaries

1063 Ion channel disorders: still a fascinating topic—news on episodic ataxia type 1
M Strupp

1064 Glycosylation defects as an emerging novel cause leading to a limb-girdle type of congenital myasthenic syndromes
K Ohno

1065 Natalizumab-induced PML: can the beast be tamed?
R Hohlfeld

1066 Sunshine and multiple sclerosis
B V Taylor

1067 The problem of non-superiority: what do we know after KOMET?
A C Sönnichsen

Multiple sclerosis

1068 Disease course and outcome of 15 monocentrically treated natalizumab-associated progressive multifocal leukoencephalopathy patients
S Dahlhaus, R Hoepner, A Chan, I Kleiter, O Adams, C Lukas, K Hellwig, R Gold

1075 Interdependence and contributions of sun exposure and vitamin D to MRI measures in multiple sclerosis
R Zivadinov, C N Treu, B Weinstock-Guttman, C Turner, N Bergsland, K O'Connor, M G Dwyer, E Carl, D P Ramasamy, J Qu, M Ramanathan

1082 Brain atrophy and lesion load predict long term disability in multiple sclerosis
V Popescu, F Agosta, H E Hulst, J C Sluimer, D L Knol, M P Sormani, C Enzinger, S Ropele, J Alonso, J Sastre-Garriga, A Rovira, X Montalban, B Bodini, O Ciccarelli, Z Khaleeli, D T Chard, L Matthews, J Palace, A Giorgio, N De Stefano, P Eisele, A Gass, C H Polman, B M J Uitendhaag, M J Messina, G Comi, M Filippi, F Barkhof, H Vrenken, on behalf of the MAGNIMS Study Group

1092 A pragmatic parallel arm multi-centre randomised controlled trial to assess the effectiveness and cost-effectiveness of a group-based fatigue management programme (FACETS) for people with multiple sclerosis
S Thomas, P W Thomas, P Kersten, R Jones, C Green, A Nock, V Slingsby, A D Smith, R Baker, K T Galvin, C Hillier

1100 Primary progressive multiple sclerosis: progress and challenges
C M Rice, D Cottrell, A Wilkins, N J Scolding



Movement disorders

1107 Clinical, genetic, neurophysiological and functional study of new mutations in episodic ataxia type 1
S E Tomlinson, S Rajakulendran, S V Tan, T D Graves, D-E Bamiou, R W Labrum, D Burke, C M Sue, P Giunti, S Schorge, D M Kullmann, M G Hanna

1113 Suicide ideation and behaviours after STN and GPi DBS surgery for Parkinson's disease: results from a randomised, controlled trial
D Weintraub, J E Duda, K Carlson, P Luo, O Sagher, M Stern, K A Follett, D Reda, F M Weaver, for the CSP 468 Study Group

Neuromuscular

1119 Clinical features of congenital myasthenic syndrome due to mutations in *DPAGT1*
S Finlayson, J Palace, K Belaya, T J Walls, F Norwood, G Burke, J L Holton, S I Pascual-Pascual, J Cossins, D Beeson

Cognition

1126 HIV, dementia and antiretroviral drugs: 30 years of an epidemic
H Manji, H R Jäger, A Winston

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 chosen in conjunction with the BMJ Patient Forum to be of particular interest to patients and is freely available online.



This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://jnnp.bmj.com/site/about/guidelines.xhtml#open>



The article is part of the Impact Commentaries series



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
www.publicationethics.org.uk



When you have finished with this magazine please recycle it.

Neuropsychiatry

- 1138** KOMET: an unblinded, randomised, two parallel-group, stratified trial comparing the effectiveness of levetiracetam with controlled-release carbamazepine and extended-release sodium valproate as monotherapy in patients with newly diagnosed epilepsy
E Trinka, A G Marson, W Van Paesschen, R Kälviäinen, J Marovac, B Duncan, S Buyle, Y Hallström, P Hon, G C Muscas, M Newton, H-J Meencke, P E Smith, B Pohlmann-Eden, for the KOMET Study Group

Cerebrovascular disease

- 1150** Long term (13 years) prognosis after primary intracerebral haemorrhage: a prospective population based study of long term mortality, prognostic factors and causes of death
B M Hansen, O G Nilsson, H Anderson, B Norrving, H Säveland, A Lindgren

Neurodegeneration

- 1156** Prevalence of adult Huntington's disease in the UK based on diagnoses recorded in general practice records
OPEN ACCESS
S J W Evans, I Douglas, M D Rawlins, N S Wexler, S J Tabrizi, L Smeeth
- 1161** Transcranial magnetic stimulation and amyotrophic lateral sclerosis: pathophysiological insights
OPEN ACCESS
S Vucic, U Ziemann, A Eisen, M Hallett, M C Kiernan

Neuroinfection

- 1171** Insight into the frequent occurrence of dura mater graft-associated Creutzfeldt-Jakob disease in Japan
T Hamaguchi, K Sakai, M Noguchi-Shinohara, I Nozaki, I Takumi, N Sanjo, A Sadakane, Y Nakamura, T Kitamoto, N Saito, H Mizusawa, M Yamada

Neurological pictures

- 1073** Injury of the oculomotor nerve in a patient with traumatic brain injury: diffusion tensor tractography study
H G Kwon, M S Kim, S H Kim, S H Jang
- 1136** Periventricular heterotopia in refractory epilepsy
A C Christopher, K Koshy
- 1148** Successful outcome after traumatic rupture and secondary thrombosis of the superior sagittal sinus
E A Oudeman, P C De Witt Hamer

PostScript

- 1176** Letters
- 1180** Correction

Receive regular table of contents by email.
Register using this QR code.

