



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 7383 6909

F: +44 (0)20 7383 6668

E: jnnp@bmj.com

ISSN: 0022-3050 (print)

ISSN: 1468-330X (online)

Impact factor: 4.94

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: © 2014 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.

Editorial commentaries

829 Treatment dependence in chronic inflammatory demyelinating polyradiculoneuropathy: is it related to disease phenotype or to the therapy used?
E Nobile-Orazio

830 Don't know what they are, but treatable? Therapies for conversion disorders
H Rickards, J Silver

831 Mutation analysis of a large cohort of GNE myopathy reveals a diverse array of GNE mutations affecting sialic acid biosynthesis
K Ohno

832 Oral laquinimod for multiple sclerosis: beyond the anti-inflammatory effect
C Tur

Multiple sclerosis

833 Memory in multiple sclerosis is linked to glutamate concentration in grey matter regions
N Muhler, M Atzori, E De Vita, D L Thomas, R S Samson, C A M Wheeler-Kingshott, J J G Geurts, D H Miller, A J Thompson, O Ciccarelli

840 Impulse control disorder in patients with Parkinson's disease under dopamine agonist therapy: a multicentre study
P J Garcia-Ruiz, J C M Castrillo, A Alonso-Canovas, A H Barcenas, L Vela, P S Alonso, M Mata, N O Gonzalez, I M Fernandez

845 Postpartum relapses increase the risk of disability progression in multiple sclerosis: the role of disease modifying drugs
E Portaccio, A Ghezzi, B Hakiki, A Sturchio, V Martinelli, L Moiola, F Patti, G L Mancardi, C Solaro, M R Tola, C Pozzilli, L De Giglio, R Totaro, A Lugaresi, G De Luca, D Paolicelli, M G Marrosu, G Comi, M Trojano, M P Amato, for the MS Study Group of the Italian Neurological Society

851 Placebo-controlled trial of oral laquinimod in multiple sclerosis: MRI evidence of an effect on brain tissue damage
M Filippi, M A Rocca, E Pagani, N De Stefano, D Jeffery, L Kappos, X Montalban, A N Boyko, G Comi, on behalf of the ALLEGRO Study Group

859 Apolipoproteins are associated with new MRI lesions and deep grey matter atrophy in clinically isolated syndromes
R W Browne, B Weinstock-Guttman, D Horakova, R Zivadinov, M L Bodzjak, M Tamaño-Blanco, D Badgett, M Tyblova, M Vaneckova, Z Seidl, J Krasensky, N Bergsland, D P Ramasamy, J Hagemeyer, E Havrdova, M Ramanathan

Cognitive neurology

865 New criteria for frontotemporal dementia syndromes: clinical and pathological diagnostic implications
L Chare, J R Hodges, C E Leyton, C McGinley, R H Tan, J J Kril, G M Halliday

Movement disorders

871 Effects of deep brain stimulation of the subthalamic nucleus on freezing of gait in Parkinson's disease: a prospective controlled study
S Vercruyse, W Vandenbergh, L Münske, B Nuttin, H Devos, A Nieuwboer

878 Can stress trigger Parkinson's disease?
A Djamshidian, A J Lees

882 Alleviating manoeuvres (sensory tricks) in cervical dystonia
N Patel, J Hanfelt, L Marsh, J Jankovic, for the members of the Dystonia Coalition

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

<http://publicationethics.org/>



When you have finished with this magazine please recycle it.

Cerebrovascular disease

- 885** Appreciation of CT-negative, lumbar puncture-positive subarachnoid haemorrhage: risk factors for presence of aneurysms and diagnostic yield of imaging
N A Bakker, R J M Groen, M Foumani, M Uytenboogaart, O S Eshghi, J D M Metzemaekers, G J Luijckx, J M C Van Dijk

Epilepsy

- 889** Comprehensive educational plan for patients with epilepsy and comorbidity (EDU-COM): a pragmatic randomised trial
S Beretta, E Beghi, P Messina, F Gerardi, F Pescini, A La Licata, L Specchio, M Ferrara, M P Canevini, K Turner, F La Briola, S Franceschetti, S Binelli, I Giglioli, C A Galimberti, C Fattore, G Zaccara, L Tramacere, F Sasanelli, M Pirovano, C Ferrarese

Neuropsychiatry

- 895** Specialist inpatient treatment for severe motor conversion disorder: a retrospective comparative study
R McCormack, J Moriarty, J D Mellers, P Shotbolt, R Pastena, N Landes, L Goldstein, S Fleminger, A S David

Neuromuscular

- 901** Chronic inflammatory demyelinating polyradiculoneuropathy: search for factors associated with treatment dependence or successful withdrawal
M Rabin, G Mutlu, T Stojkovic, T Maisonobe, T Lenglet, E Fournier, P Bouche, J-M Léger, K Viala
- 907** Guillain-Barré syndrome in Asia
J S Bae, N Yuki, S Kuwabara, J K Kim, S Vucic, C S Lin, M C Kieman
- 914** Mutation profile of the *GNE* gene in Japanese patients with distal myopathy with rimmed vacuoles (GNE myopathy)
A Cho, Y K Hayashi, K Monma, Y Oya, S Noguchi, I Nonaka, I Nishino

- 918** Fcγ receptor IIIA genotype is associated with rituximab response in antimyelin-associated glycoprotein neuropathy
A C J Stork, N C Notermans, L H van den Berg, R D Schellevis, J-M F Niermeijer, M Nederend, J H W Leusen, W-L van der Pol

Neuroinfection

- 921** Postmortem findings in a case of variant Creutzfeldt-Jakob disease treated with intraventricular pentosan polysulfate
P K Newman, N V Todd, D Scoones, S Mead, R S G Knight, R G Will, J W Ironside

Neurodegeneration

- 925** Validation of the new consensus criteria for the diagnosis of corticobasal degeneration
S K Alexander, T Rittman, J H Xuereb, T H Bak, J R Hodges, J B Rowe

- 930** Structural brain changes associated with depressive symptoms in the elderly with Alzheimer's disease
A Lebedeva, E Westman, A V Lebedev, X Li, B Winblad, A Simmons, L-O Wahlund, D Aarsland, for the Alzheimer's Disease Neuroimaging Initiative

Neurological picture

- 936** Acute camptocormia as the presenting symptom of tetanus
S Kaji, H Shibayama, S Sato, T Fukutake

Historical note

- 938** Fifty years of progressive supranuclear palsy
C Colosimo, T H Bak, M Bologna, A Berardelli

PostScript

- 945** Letter

Electronic pages

- e3** BNA Abstracts

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

