



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.

Editorial commentaries

827 Endoscopic versus microscopic pituitary surgery
E H Oldfield, J A Jane Jr

828 Case series analysis, meta-analysis or no analysis in the evaluation of neurosurgical techniques: get better or get out
P C Warnke

829 Complications of transsphenoidal surgery: the shortcomings of meta-analysis
E R Laws

830 Monitoring intravenous immunoglobulin dosing regimens in chronic inflammatory demyelinating polyneuropathy: search for a biomarker
B R Wakerley, N Yuki

831 What a jerk: perils in the assessment of psychogenic movement disorders
T A Pollak

Cognitive neurology

832 Transcranial direct current stimulation (tDCS) and language
A Monti, R Ferrucci, M Fumagalli, F Mameli, F Cogiamanian, G Ardolino, A Priori

Neurosurgery

843 Short-term outcome of endoscopic versus microscopic pituitary adenoma surgery: a systematic review and meta-analysis
M Ammirati, L Wei, I Ciric

850 Safety and efficacy of gravitational shunt valves in patients with idiopathic normal pressure hydrocephalus: a pragmatic, randomised, open label, multicentre trial (SVASONA)
J Lemcke, U Meier, C Müller, M J Fritsch, U Kehler, N Langer, M Kiefer, R Eymann, M U Schuhmann, A Speil, F Weber, V Remenez, V Rohde, H-C Ludwig, D Stengel

Neurological pictures

857 Trigeminal palsy
C Miró, T Ortiz

881 Trigeminal neuralgia after pontine infarction affecting the ipsilateral trigeminal nerve
J B Kim, S Yu

908 Petechial brain haemorrhages in acute lymphoblastic leukaemia
R Spataro, V La Bella

915 Bitemporal hemianopsia in frontonasal dysplasia, callosal agenesis, basal meningocele and eye abnormalities
F Huiskes, V Koen, F de Beer

Neuromuscular

859 Serum IgG levels in IV immunoglobulin treated chronic inflammatory demyelinating polyneuropathy
K Kuitwaard, P A van Doorn, M Vermeulen, L H van den Berg, E Brusse, A J van der Kooi, W-L van der Pol, I N van Schaik, N Notermans, A P Tio-Gillen, W van Rijs, T van Gelder, B C Jacobs

Movement disorders

862 Neuropsychological profile of psychogenic jerky movement disorders: importance of evaluating non-credible cognitive performance and psychopathology
C E J Heintz, M J van Tricht, S M A van der Salm, A F van Rootselaar, D Cath, B Schmand, M A J Tijssen

868 Subthalamic nucleus stimulation and compulsive use of dopaminergic medication in Parkinson's disease
A Eusebio, T Wijtas, J Cohen, F Fluchère, E Jouve, J Régis, J-P Azulay

875 Cortical thinning is associated with disease stages and dementia in Parkinson's disease
M Zarei, N Ibarretxe-Bilbao, Y Compta, M Hough, C Junque, N Bargallo, E Tolosa, M J Martí

883 Demographic and motor features associated with the occurrence of neuropsychiatric and sleep complications of Parkinson's disease
R P Munhoz, H A Teive, H Eleftherohorinou, L J Coin, A J Lees, L Silveira-Moriyama

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



Cerebrovascular disease

- 888** Long-term excess mortality of patients with treated and untreated unruptured intracranial aneurysms



L Pyysalo, T Luostarinen, L Keski-Nisula, J Öhman

- 893** Cognitive impairment after lacunar stroke: systematic review and meta-analysis of incidence, prevalence and comparison with other stroke subtypes



S D J Makin, S Turpin, M S Dennis, J M Wardlaw

- 901** Genetics of cerebral amyloid angiopathy: systematic review and meta-analysis



K Rannikmäe, N Samarasekera, N A Martínez-González, R A-S Salman, C L M Sudlow

Multiple sclerosis

- 909** Cerebrospinal fluid oligoclonal bands in multiple sclerosis and clinically isolated syndromes: a meta-analysis of prevalence, prognosis and effect of latitude

R Dobson, S Ramagopalan, A Davis, G Giovannoni

Neuro-inflammation

- 918** Methotrexate is an alternative to azathioprine in neuromyelitis optica spectrum disorders with aquaporin-4 antibodies

J Kitley, L Elson, J George, P Waters, M Woodhall, A Vincent, A Jacob, M I Leite, J Palace

- 922** Current concept of neuromyelitis optica (NMO) and NMO spectrum disorders



A Jacob, A McKeon, I Nakashima, D K Sato, L Elson, K Fujihara, J de Seze

Neurogenetics

- 931** Pathophysiological insights into ALS with *C9ORF72* expansions

K L Williams, J A Fifita, S Vucic, J C Durnall, M C Kiernan, I P Blair, G A Nicholson

- 936** The UK MRC Mitochondrial Disease Patient Cohort Study: clinical phenotypes associated with the m.3243A>G mutation—implications for diagnosis and management

V Nesbitt, R D S Pitceathly, D M Turnbull, R W Taylor, M G Sweeney, E E Mudanohwo, S Rahman, M G Hanna, R McFarland

PostScript

- 939** Letters

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

