



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

357 Predicting delirium after a stroke

S D J Makin, J Wardlaw

358 Measuring decline in prodromal AD: a pike to hike

J L Molinuevo

359 Chemotherapy-induced peripheral neuropathy: the end of the beginning?

A V Krishnan, S B Park

360 Protein kinase C polymorphisms and vitamin D levels in multiple sclerosis

M Ramanathan

361 Libera nos a malo

C Baracchini

362 Is the 'liberation procedure' for multiple sclerosis really liberating?

G J Hankey, P Sandercock, T A Cantisani, M G Celani

Cognitive neurology

363 Measuring cognitive change in subjects with prodromal Alzheimer's disease

T Mura, C Proust-Lima, H Jacqmin-Gadda, T N Akbaraly, J Touchon, B Dubois, C Berr

371 Beyond and below the cortex: the contribution of striatal dysfunction to cognition and behaviour in neurodegeneration

C O'Callaghan, M Bertoux, M Hornberger

379 Quantifying the pattern of optic tract degeneration in human hemianopia

R S Millington, C L Yasuda, P Jindahra, M Jenkinson, J L Barbur, C Kennard, F Cendes, G T Plant, H Bridge

387 Persistent anterograde amnesia following limbic encephalitis associated with antibodies to the voltage-gated potassium channel complex

C R Butler, T D Miller, M S Kaur, I W Baker, G D Boothroyd, N A Illman, C R Rosenthal, A Vincent, C J Buckley

Neuro-oncology

392 Early predictors of oxaliplatin-induced cumulative neuropathy in colorectal cancer patients

R Velasco, J Bruna, C Briani, A A Argyriou, G Cavaletti, P Alberti, B Frigeni, M Cacciavillani, S Lonardi, D Cortinovis, M Cazzaniga, C Santos, H P Kalofonos

Multiple sclerosis

399 Novel modulating effects of PKC family genes on the relationship between serum vitamin D and relapse in multiple sclerosis

R Lin, B V Taylor, S Simpson Jr, J Charlesworth, A-L Ponsonby, F Pittas, T Dwyer, I A F van der Mei

405 Percutaneous transluminal angioplasty for treatment of chronic cerebrospinal venous insufficiency in people with multiple sclerosis: a summary of a Cochrane systematic review

E J van Zuuren, Z Fedorowicz, E Pucci, V Jagannath, E W Robak

411 Evidence-based patient information programme in early multiple sclerosis: a randomised controlled trial

S Köpcke, S Kern, T Ziemssen, M Berghoff, I Kleiter, M Marziniak, F Paul, E Vettorazzi, J Pöttingen, K Fischer, J Kasper, C Heesen

419 Autocrine MMP-2/9 secretion increases the BBB permeability in neuromyelitis optica

A Tasaki, F Shimizu, Y Sano, M Fujisawa, T Takahashi, H Haruki, M Abe, M Koga, T Kanda

Cerebrovascular disease

431 An early prediction of delirium in the acute phase after stroke

A W Oldenbeuving, P L M de Kort, J F van Eck van der Sluijs, L J Kappelle, G Roks

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.

- 435** The safety of aeroplane travel in patients with symptomatic carotid occlusion

M R Reynolds, A A Kamath, R L Grubb, W J Powers, H P Adams, C P Derdeyn, for the Carotid Occlusion Surgery Study Investigators

Neurodegeneration

- 438** Atrophy in distinct corticolimbic networks in frontotemporal dementia relates to social impairments measured using the Social Impairment Rating Scale

K C Bickart, M Brickhouse, A Negreira, D Sapolsky, L F Barrett, B C Dickerson

- 449** Apathy correlates with prefrontal amyloid β deposition in Alzheimer's disease

T Mori, H Shimada, H Shinotoh, S Hirano, Y Eguchi, M Yamada, R Fukuhara, S Tanimukai, M-R Zhang, S Kuwabara, S-i Ueno, T Suhara

Neuro-inflammation

- 456** Autoantibody biomarkers in childhood-acquired demyelinating syndromes: results from a national surveillance cohort

Y Hacohen, M Absoud, M Woodhall, C Cummins, C G De Goede, C Hemingway, P E Jardine, R Kneen, M G Pike, W P Whitehouse, E Wassmer, P Waters, A Vincent, M Lim, On behalf of UK & Ireland Childhood CNS Inflammatory Demyelination Working Group

Epilepsy

- 462** *PRRT2* mutations: exploring the phenotypical boundaries

T Djémié, S Weckhuysen, P Holmgren, K Hardies, T Van Dyck, R Hendrickx, A-S Schoonjans, W Van Paesschen, A C Jansen, L De Meirleir, L A M Selim, M Y Girgis, G Buyse, L Lagae, K Smets, I Smouts, K G Claeys, V Van den Bergh, T Grisar, I Blatt, Z Shorer, F Roelens, Z Afawi, I Helbig, B Ceulemans, P De Jonghe, A Suls

- 466** Video-based training improves the accuracy of seizure diagnosis

U Seneviratne, C Ding, S Bower, S Craig, M Leech, T G Phan

PostScript

- 471** Letter

Neurological picture

- 472** Clinikoradiological correlation of singultus centre

S Udayakumaran, P Ayiramuthu

Receive regular table of contents by email.

Register using this QR code.

