



Cover image: Brain tree.

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

Twitter: @JNNP_BMJ
ISSN: 0022-3050 (print)
ISSN: 1468-330X (online)

Impact factor: 5.58

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: © 2015 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

Editorial commentaries

- 123** Clinical neurology: a changing role?
M Swash
- 124** Transthyretin-type cerebral amyloid angiopathy: a serious complication in post-transplant patients with familial amyloid polyneuropathy
Y Sekijima
- 125** Glioma trials and viral tribulations: can anything be concluded from non-controlled trials?
P R Lowenstein, M G Castro
- 126** Finally, open loop control of intracranial pressure in hydrocephalus
H L Rekate

Cognitive neurology

- 127** APOE genotype and neuroimaging markers of Alzheimer's disease: systematic review and meta-analysis
Y Liu, J-T Yu, H-F Wang, P-R Han, C-C Tan, C Wang, X-F Meng, S L Risacher, A J Saykin, L Tan
- 135** Efficacy and safety of cholinesterase inhibitors and memantine in cognitive impairment in Parkinson's disease, Parkinson's disease dementia, and dementia with Lewy bodies: systematic review with meta-analysis and trial sequential analysis
H-F Wang, J-T Yu, S-W Tang, T Jiang, C-C Tan, X-F Meng, C Wang, M-S Tan, L Tan

Epilepsy

- 144** Temporal lobe epilepsy and affective disorders: the role of the subgenual anterior cingulate cortex
J Stretton, R A Pope, G P Winston, M K Sidhu, M Symms, J S Duncan, M Koepp, P J Thompson, J Foong

Neuromuscular

- 152** Clinical and laboratory findings of 21 patients with radiation-induced myopathy
P S Ghosh, M Milone
- 159** CNS involvement in V30M transthyretin amyloidosis: clinical, neuropathological and biochemical findings
L F Maia, R Magalhães, J Freitas, R Taipa, M M Pires, H Osório, D Dias, H Pesseguero, M Correia, T Coelho

Neurodegeneration

- 168** Cognitive correlates in amyotrophic lateral sclerosis: a population-based study in Italy
A Montuschi, B Iazzolino, A Calvo, C Moglia, L Lopiano, G Restagno, M Brunetti, I Ossola, A L Presti, S Cammarosano, A Canosa, A Chiò

Movement disorders

- 174** Increased risk of impulse control symptoms in Parkinson's disease with REM sleep behaviour disorder
M L Fantini, L Macedo, M Zibetti, M Sarchioto, T Vidal, B Pereira, A Marques, B Debilly, P Derost, M Ulla, N Vitello, A Cicolin, L L Lopiano, F Durif
- 180** Using 'dead or dependent' as an outcome measure in clinical trials in Parkinson's disease
D McGhee, A Parker, S Fielding, J Zajicek, C Counsell
- 186** Iowa gambling task impairment in Parkinson's disease can be normalised by reduction of dopaminergic medication after subthalamic stimulation
A Castrioto, A Funkiewiez, B Debû, R Cools, E Lhommée, C Ardouin, V Fraix, S Chabardès, T W Robbins, P Pollak, P Krack

Neuro-oncology

- 191** Cytomegalovirus and glioma: putting the cart before the horse
M Dey, A U Ahmed, M S Lesniak

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/>



Multiple sclerosis

- 200** Stimulated PBMC-produced IFN- γ and TNF- α are associated with altered relapse risk in multiple sclerosis: results from a prospective cohort study

S Simpson Jr, N Stewart, I van der Mei, P Otahal, J Charlesworth, A-L Ponsonby, L Blizzard, T Dwyer, F Pittas, P Gies, B Taylor

- 208** Alemtuzumab treatment of multiple sclerosis: long-term safety and efficacy



O Tuohy, L Costelloe, G Hill-Cawthorne, I Bjornson, K Harding, N Robertson, K May, T Button, L Azzopardi, O Kousin-Ezewu, M T Fahey, J Jones, D A S Compston, A Coles

Cerebrovascular disease

- 216** Stroke associated with giant cell arteritis: a population-based study

M Samson, A Jacquin, S Audia, B Daubail, H Devilliers, T Petrella, L Martin, J Durier, J-F Besancenot, B Lorcerie, M Giroud, B Bonnotte, Y Béjot

Neurosurgery

- 222** Intracranial pressure in hydrocephalus: impact of shunt adjustments and body positions

D Farahmand, S Qvarlander, J Malm, C Wikkelso, A Eklund, M Tisell

Neurological education

- 229** Clinical neurology: why this still matters in the 21st century



D J Nicholl, J P Appleton



Neurological picture

- 234** Isolated spinal neurocysticercosis



M Hackius, A Pangalu, A Semmler

PostScript

- 236** Letters

Electronic pages

- e1,e2** Book reviews

Receive regular table of contents by email.

Register using this QR code.

