



Cover image: Brain tree.

**Editor**

Matthew C Kiernan (Australia)

**Deputy Editors**Karen L Furie (USA)  
Satoshi Kuwabara (Japan)  
Lawrence Wong (China)**Associate Editors**Alan Carson (UK)  
Nick Ward (UK)  
Peter Warnke (USA)**Commissioning Editor**

Martin Turner (UK)

**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](mailto:jnnp@bmj.com)Twitter: @JNNP\_BMJ  
ISSN: 0022-3050 (print)  
ISSN: 1468-330X (online)**Impact factor: 6.431****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:** © 2017 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 Exeter Premedia Services Private Ltd, 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****459** Nodopathy: chronic inflammatory demyelinating polyneuropathy with anti-neurofascin 155 antibodies  
*S Kuwabara, S Misawa, M Mori***460** Movement retraining for the dysfunctional brain  
*J Stone, A Carson***462** Concussion, dementia and CTE: are we getting it very wrong?  
*A Carson***Neuromuscular****465** Paranodal dissection in chronic inflammatory demyelinating polyneuropathy with anti-neurofascin-155 and anti-contactin-1 antibodies  
*H Koike, M Kadoya, K-i Kaida, S Ikeda, Y Kawagashira, M Iijima, D Kato, H Ogata, R Yamasaki, N Matsukawa, J-i Kira, M Katsumo, G Sobue***474** Differentiating lower motor neuron syndromes  
*N Garg, S B Park, S Vucic, C Yiannikas, J Spies, J Howells, W Huynh, J M Matamala, A V Krishnan, J D Pollard, D R Comblath, M M Reilly, M C Kiernan***Neuropsychiatry****484** Randomised feasibility study of physiotherapy for patients with functional motor symptoms  
*G Nielsen, M Buszewicz, F Stevenson, R Hunter, K Holt, M Dudzic, L Ricciardi, J Marsden, E Joyce, M J Edwards***491** Cingulo-insular structural alterations associated with psychogenic symptoms, childhood abuse and PTSD in functional neurological disorders  
*D L Perez, N Matin, A Barsky, V Costumero-Ramos, S J Makaretz, S S Young, J Sepulcre, W C LaFrance Jr, M S Keshavan, B C Dickerson***498** Rates and correlates of suicidal ideation among stroke survivors: a meta-analysis  
*F Bartoli, M Pompili, N Lillia, C Crocamo, G Salemi, M Clerici, G Carrà***505** Long-term health outcomes after exposure to repeated concussion in elite level: rugby union players  
*T M McMillan, P McSkimming, J Wainman-Lefley, L M Maclean, J Hay, A McConnachie, W Stewart***Cognition****512** Cognitive and psychosocial function in retired professional hockey players  
*C Esopenko, T W Chow, M C Tartaglia, A Bacopulos, P Kumar, M A Binns, J L Kennedy, D J Müller, B Levine***Cerebrovascular disease****520** Impaired cerebral autoregulation: measurement and application to stroke  
*L Xiong, X Liu, T Shang, P Smielewski, J Donnelly, Z-n Guo, Y Yang, T Leung, M Czosnyka, R Zhang, J Liu, K S Wong***PostScript****532** Letters**OPEN ACCESS** *N Garg, S B Park, S Vucic, C Yiannikas, J Spies, J Howells, W Huynh, J M Matamala, A V Krishnan, J D Pollard, D R Comblath, M M Reilly, M C Kiernan***PATIENT'S CHOICE** *G Nielsen, M Buszewicz, F Stevenson, R Hunter, K Holt, M Dudzic, L Ricciardi, J Marsden, E Joyce, M J Edwards*

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.



The article is part of the Impact Commentaries series

Member since 2008  
JM00010

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.



**88 (6)**

*J Neurol Neurosurg Psychiatry* 2017 88: 459-536

---

Updated information and services can be found at:  
<http://jnp.bmj.com/content/88/6>

---

*These include:*

**Email alerting  
service**

Receive free email alerts when new articles cite this article. Sign up in the box at the top right corner of the online article.

---

**Notes**

---

To request permissions go to:  
<http://group.bmj.com/group/rights-licensing/permissions>

To order reprints go to:  
<http://journals.bmj.com/cgi/reprintform>

To subscribe to BMJ go to:  
<http://group.bmj.com/subscribe/>