

**Editorial commentaries**

- 343** Advances in the understanding of sensory neuronopathies  
*S Vucic*
- 344** MOG antibody disease: the determinants of clinical phenotype and disease activity  
*S H M Hamid*

- 345** *RFC1* CANVAS: the expanding phenotype  
*M M Reilly*

- 346** Listen up: it is time to integrate neuroscience and technologies into aphasia rehabilitation  
*M A Lambon Ralph*

- 348** Different patterns of brainstem and cerebellar MRI abnormalities in demyelinating disorders with MOG and aquaporin-4 antibodies  
*A Uzawa, M Mori, S Kuwabara*

**Neurodegeneration**

- 349** Beta-synuclein in cerebrospinal fluid as an early diagnostic marker of Alzheimer's disease  
*S Halbgebauer, P Oeckel, P Steinacker, D Yilmazer-Hanke, S Anderl-Straub, C von Arnim, L Froelich, L A Gomes, L Hausner, A Huss, H Jahn, J Weishaupt, A C Ludolph, D R Thal, M Otto*

- 357** Metabolic brain changes across different levels of cognitive impairment in ALS: a <sup>18</sup>F-FDG-PET study  
*A Canosa, C Moglia, U Manera, R Vasta, M C Torrieri, V Arena, F D'Ovidio, F Palumbo, J P Zucchetti, B Iazzolino, L Peotta, A Calvo, M Pagani, A Chiò*

**Cerebrovascular disease**

- 364** Prior antiplatelet therapy and haematoma expansion after primary intracerebral haemorrhage: an individual patient-level analysis of CLEAR III, MISTIE III and VISTA-ICH  
*S Murthy, D J Roh, A Chatterjee, N McBee, N S Parikh, A E Merkler, B B Navi, G J Falcone, K N Sheth, I Awad, D Hanley, H Kamel, W C Ziai, CLEAR III, MISTIE III and VISTA-ICH Collaborators*

- 370** Plaque morphology in acute symptomatic intracranial atherosclerotic disease  
*T W Leung, L Wang, X Zou, Y Soo, Y Pu, H L Ip, A Chan, L W C Au, F Fan, S H Ma, B Ip, K Ma, A Y Lau, H Leung, K F Hui, R Li, S H Li, M Fu, W C Fong, J Liu, V Mok, K S L Wong, Z Miao, N Ma, S C H Yu, X Leng*

**Multiple sclerosis**

- 377** Anti-MOG antibody-associated disorders: differences in clinical profiles and prognosis in Japan and Germany  
*J Liu, M Mori, H Zimmermann, A Brandt, J Havla, S Tanaka, K Sugimoto, S Oji, A Uzawa, S Asseger, G Cooper, S Jarius, J Bellmann-Strobl, K Rupprecht, N Siebert, H Masuda, T Uchida, R Ohtani, K Nomura, E Meinel, T Kuempfel, F Paul, S Kuwabara*

- 384** Brainstem and cerebellar involvement in MOG-IgG-associated disorder versus aquaporin-4-IgG and MS  
*S A Banks, P P Morris, J J Chen, S J Pittock, E Sechi, A Kunchok, J-M Tillema, J P Fryer, B G Weinschenker, K N Krecke, A S Lopez-Chiriboga, A Nguyen, T M Greenwood, C F Lucchinetti, N L Zaleski, S A Messina, E P Flanagan*

- 391** Prognostication and contemporary management of clinically isolated syndrome  
*C M Allen, E Mowry, M Tintore, N Evangelou*

**MORE CONTENTS ►**

EDITOR'S CHOICE

This article has been chosen by the Editor to be of special interest or importance and is freely available online.



PATIENT'S CHOICE

This article has been chosen in conjunction with the BMJ Patient Forum to be of particular interest to patients and is freely available online.



OPEN ACCESS

This article has been made freely available online under the BMJ Journals open access scheme. See <http://authors.bmj.com/open-access/>



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/>



recycle

When you have finished with this magazine please recycle it.



MCQs

The online version of this article contains multiple choice questions hosted on BMJ Learning.

**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

**Podcast Editor**

Colin Mahoney

**JNNP Blog Editors**

Jose Manuel Matamala  
Thanuja Dharmadasa

**JNNP Facebook Editors**

Cindy Lin  
William Huynh

**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

E: [jnnp@bmj.com](mailto:jnnp@bmj.com)

Twitter: @JNNP\_BMJ

ISSN: 0022-3050 (print)

ISSN: 1468-330X (online)

Impact factor: 8.263

**Disclaimer:** The Editor of *JNNP* has been granted editorial freedom and *JNNP* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *JNNP* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *JNNP* does not imply endorsement. BMJ Publishing Group Limited shall not be liable for any loss, injury or damage howsoever arising from *JNNP* (except for liability which cannot be legally excluded).

**Copyright:** © 2021 BMJ Publishing Group Ltd. All rights reserved; no part of this publication may be reproduced in any form without 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 0022-3050 (USPS 2156) is published monthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256.

US Postmaster: Send address changes to *Journal of Neurology Neurosurgery & Psychiatry*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square, WC1H 9JR London. Air Business Ltd is acting as our mailing agent.

## Neuromuscular

- 398** Sensory neuronopathies: new genes, new antibodies and new concepts  
*G Fargeot, A Echaniz-Laguna*

- 425** Predictors of survival in frontotemporal lobar degeneration syndromes

*S El-Wahsh, E C Finger, O Piquet, V Mok, J D Rohrer, M C Kiernan, R M Ahmed*



## Cognition

- 407** Understanding the relationship between cognitive performance and function in daily life after traumatic brain injury



*L Wilson, L Horton, K Kunzmann, B J Sahakian, V FJ Newcombe, E A Stamatakis, N von Steinbuechel, K Cunitz, A Covic, A Maas, D Van Praag, D Menon, The CENTER-TBI participants and investigators*

## Neurosurgery

- 434** Comparison of efficacy of deep brain stimulation and focused ultrasound in parkinsonian tremor: a systematic review and network meta-analysis

*F Lin, D Wu, J Yu, H Weng, L Chen, F Meng, Y Chen, Q Ye, G Cai*

## Cognitive neurology

- 418** Efficacy of spoken word comprehension therapy in patients with chronic aphasia: a cross-over randomised controlled trial with structural imaging

*V Fleming, S Brownsett, A Krason, M A Maegli, H Coley-Fisher, Y-H Ong, D Nardo, R Leach, D Howard, H Robson, E Warburton, J Ashburner, C J Price, J T Crinion, A P Leff*

## PostScript

- 444** Letters



## Electronic page

- e1** *Correction:* Ischaemic stroke associated with COVID-19 and racial outcome disparity in North America