



Editorial commentary

1237 Validation of the 2021 EAN/PNS diagnostic criteria for chronic inflammatory demyelinating polyneuropathy
S Kuwabara, T Suichi

Neuromuscular

1239 Comparison of the diagnostic accuracy of the 2021 EAN/PNS and 2010 EFNS/PNS diagnostic criteria for chronic inflammatory demyelinating polyradiculoneuropathy
P E Doneddu, A De Lorenzo, F Manganelli, D Cocito, R Fazio, C Briani, A Mazzeo, M Filosto, G Cosentino, L Benedetti, A Schenone, G A Marfia, G Antonini, S Matà, M Luigetti, G Liberatore, E Spina, E Peci, C Strano, M Cacciavillani, L Gentile, S Cotti Piccinelli, A Cortese, E Bianchi, E Nobile-Orazio

1247 Application of the 2021 EAN/PNS criteria for chronic inflammatory demyelinating polyneuropathy
Y A Rajabally, S Afzal, L K Loo, HS Goedee

1253 Adults with spinal muscular atrophy: a large-scale natural history study shows gender effect on disease
L Maggi, L Bello, S Bonanno, A Govoni, C Caponnetto, L Passamano, M Grandis, F Trojsi, F Cerri, A Gardani, M Ferraro, G Gadaleta, V Zangaro, L Caumo, M Maioli, R Tanel, E Saccani, M Meneri, V Vacchiano, G Ricci, G Sorarù, E D'Errico, S Bortolani, G Pavesi, C Gellera, R Zanin, S Corti, M Silvestrini, L Politano, A Schenone, S C Previtali, A Berardinelli, M Turri, L Verriello, M Coccia, R Mantegazza, R Liguori, M Filosto, G Marrosu, F D Tiziano, G Siciliano, I L Simone, T Mongini, G Comi, E Pegoraro

Neurodegeneration

1262 Neurodegenerative disease risk among former international rugby union players
E R Russell, D F Mackay, D Lyall, K Stewart, J A MacLean, J Robson, J P Pell, W Stewart

Neurogenetics

1269 Clinical and genetic analysis of familial neuromyelitis optica spectrum disorder in Chinese: associated with ubiquitin-specific peptidase USP18 gene variants
Y Chang, L Zhou, X Zhong, Z Shi, X Sun, Y Wang, R Li, Y Long, H Zhou, C Quan, A G Kermodé, Q Yu, W Qiu

1276 A systematic review of adeno-associated virus gene therapies in neurology: the need for consistent safety monitoring of a promising treatment
R H Horton, D Saade, T Markati, E Harriss, C G Bönnemann, F Muntoni, L Servais

1289 Clinical features of NOTCH2NLC-related neuronal intranuclear inclusion disease
Y Tian, L Zhou, J Gao, B Jiao, S Zhang, Q Xiao, J Xue, Y Wang, H liang, Y Liu, G Ji, C Mao, C Liu, L Dong, L Zhang, S Zhang, J Yi, G Zhao, Y Luo, Q Sun, Y Zhou, F Yi, X Chen, C Zhou, N Xie, M Luo, L Yao, Y Hu, M Zhang, Q Zeng, L Fang, H-Y Long, Y Xie, L Weng, S Chen, J Du, Q Xu, L Feng, Q Huang, X Hou, J Wang, B Xie, L Zhou, L Long, J Guo, J Wang, X Yan, H Jiang, H Xu, R Duan, B Tang, L Shen

Epilepsy

1299 Efficacy of pulse intravenous methylprednisolone in epileptic encephalopathy: a randomised controlled trial
A Rangarajan, R C Mundlamuri, R Kenchaiah, P V Prathyusha, L G Viswanathan, A Asranna, A Chatterjee, M Nagappa, D V Seshagiri, K Kulanthaivelu, R D Bharath, S Jitender, K Thennarasu, S Sinha

MORE CONTENTS ►

Editor

Karen Furie (USA)

Deputy Editor

Nick Ward (UK)

Associate Editors

- Aisling Carr (UK)
Alan Carson (UK)
Liz Coulthard (UK)
Sofia Eriksson (UK)
Ritsuko Hanajima (Japan)
Bruce V Taylor (Australia)
Peter Warnke (USA)

Commissioning Editor

William Powers (USA)

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
Twitter: @JNNP_BMJ
ISSN: 0022-3050 (print)
ISSN: 1468-330X (online)
Impact factor: 13.654

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: © 2022 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

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/



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

Multiple sclerosis

- 1306** Exposure to natalizumab throughout pregnancy: effectiveness and safety in an Italian cohort of women with multiple sclerosis

D Landi, F Bovis, A Grimaldi, P O Annovazzi, A Bertolotto, A Bianchi, G Borriello, V Brescia Morra, S Bucello, M C Buscarinu, F Caleri, M Capobianco, R Capra, M Cellerino, D Centonze, R Cerqua, C G Chisari, M Clerico, E Cocco, G Cola, C Cordioli, E Curti, A d'Ambrosio, E D'Amico, G De Luca, M Di Filippo, S Di Lemme, R Fantozzi, D Ferraro, E Ferraro, A Gallo, C Gasperini, F Granella, M Inglese, R Lanzillo, L Lorefice, G Lus, S Malucchi, M Margoni, G Mataluni, M Mirabella, L Moiola, C G Nicoletti, V Nociti, F Patti, F Pinardi, E Portaccio, C Pozzilli, P Ragonese, S Rasia, G Salemi, E Signoriello, F Vitetta, R Totaro, M P Sormani, M P Amato, G A Marfia

- 1317** Rebound of clinical disease activity after fingolimod discontinuation? A nationwide cohort study of patients in Denmark

E Framke, L Pontieri, S Bramow, F Sellebjerg, M Magyari

- 1322** Early predictors of disability in paediatric multiple sclerosis: evidence from a multi-national registry

S Sharmin, C B Malpas, I Roos, I Diouf, R Alroughani, S Ozakbas, G Izquierdo, S Eichau, D Horakova, E K Havrdova, F Patti, M Terzi, C Boz, B Yamout, S J Khoury, M Onofrij, A Lugaresi, A Altintas, A Prat, M Girard, P Duquette, M J Sá, D La Spitaleri, Y Sidhom, R Gouider, S Mrabet, A Soysal, R Turkoglu, M P Amato, Y D Fragoso, T Kalincik

- 1330** Comparing switch to ocrelizumab, cladribine or natalizumab after fingolimod treatment cessation in multiple sclerosis

C Zhu, Z Zhou, I Roos, D Merlo, T Kalincik, S Ozakbas, O Skibina, J Kuhle, S Hodgkinson, C Boz, R Alroughani, J Lechner-Scott, M Barnett, G Izquierdo, A Prat, D Horakova, E Kubala Havrdova, R Macdonell, F Patti, S J Khoury, M Slee, R Karabudak, M Onofrij, V Van Pesch, J Prevost, M Monif, V Jokubaitis, A van der Walt, H Butzkueven, on behalf of the MSBase Study Group

Movement disorders

- 1338** Can brain signals and anatomy refine contact choice for deep brain stimulation in Parkinson's disease?

S S Xu, W-L Lee, T Perera, N C Sinclair, K J Bulluss, H J McDermott, W Thevathasan

Neuro-inflammation

- 1343** Brain neuronal and glial damage during acute COVID-19 infection in absence of clinical neurological manifestations

D Plantone, S Locci, L Bergantini, C Manco, R Cortese, M Meocci, D Cavallaro, M d'Alessandro, E Bargagli, N De Stefano

Electronic page

- e3** The British Neuropsychiatry annual meeting abstracts