

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)

Social Media Editor Hanna Kristiina Isotalus (UK)

Podcast Editor

Saima Chaudhry (USA)

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 X: @JNNP BMJ

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

Impact factor: 11

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 quarantee 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: © 2024 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 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 It Idi sacting as our mailing agent Air Business Ltd is acting as our mailing agent

Editorial commentary

391 Prospective trial of natalizumab personalised extended interval dosing by the rapeutic drug monitoring in relapsing-remitting multiple sclerosis (NEXT-MS) M Koch

Multiple sclerosis



Prospective trial of natalizumab personalised extended interval dosing by the rapeutic drug monitoring in relapsing-remitting multiple sclerosis (NEXT-MS)

A A Toorop, Z YGJ van Lierop, L MY Gelissen, E Hoitsma, E MPE Zeinstra, L C van Rooii, CEP van Munster, A Vennegoor, J P Mostert, B HA Wokke, N F Kalkers, E LJ Hoogervorst, I II van Eijk, C M Roosendaal, I I Kragt, M Eurelings, J van Genugten, J Nielsen, LGF Sinnige, M E Kloosterziel, E PJ Arnoldus, G W van Dijk, W H Bouvy, M HJ Wessels, L Boonkamp, E MM Strijbis, B W van Oosten, B A De Jong, B I Lissenberg-Witte, F Barkhof, B Moraal, CE Teunissen, T Rispens, B MJ Uitdehaag, J Killestein, Z LE van Kempen

401 Exploring the cost-effectiveness of EBV vaccination to prevent multiple sclerosis in an Australian setting

A J Palmer, T Zhao, B V Taylor, I van der Mei, JA Campbell

410 Serum biomarker levels predict disability progression in patients with primary progressive multiple sclerosis

> N Fissolo, P Benkert, I Sastre-Garriga, N Mongay-Ochoa, A Vilaseca-Jolonch, S Llufriu, Y Blanco, H Hegen, K Berek, F Perez-Miralles, K Rejdak, L M Villar, E Monreal, R Alvarez-Lafuente, O K Soylu, A Abdelhak, F Bachhuber, H Tumani, S Martínez-Yélamos, A I Sánchez-López, A García-Merino, L Gutiérrez, T Castillo-Trivino, J Lycke, I Rosenstein, R Furlan, M Filippi, N Téllez, L Ramió-Torrentà, J D Lünemann, H Wiendl, S Eichau, M Khalil, J Kuhle, X Montalban, M Comabella

419 Predictive value of retinal atrophy for cognitive decline across disease duration in multiple sclerosis

> S Alba-Arbalat, E Solana, E Lopez-Soley, A Camos-Carreras, E Martinez-Heras, F Vivó, I Pulido-Valdeolivas, M Andorra, M Sepulveda, I M Cabrera, E Fonseca, A Calvi, R Alcubierre, M Dotti-Boada, A Saiz, E H Martinez-Lapiscina, P Villoslada, Y Blanco, B Sanchez-Dalmau, S Llufriu

426 Evolution of brain MRI lesions in paediatric myelin-oligodendrocyte glycoprotein antibodyassociated disease (MOGAD) and its relevance to disease course

> O Abdel-mannan, D Champsas, C Tur, V Lee, S Manivannan, H Usman, A Skippen, I Desai, M Chitre, R Forsyth, R Kneen, D Ram, S Ramdas, T Rossor, S West, S Wright, J Palace, E Wassmer, C Hemingway, M J Lim, K Mankad, O Ciccarelli, Y Hacohen, on behalf of the UK-Childhood Neuroinflammatory Disease Network

Neuromuscular

OPEN ACCESS

434 Use, tolerability, benefits and side effects of orthotic devices in Charcot-Marie-Tooth

disease



A Bertini, F Manganelli, G M Fabrizi, A Schenone, L Santoro, T Cavallaro, M Tagliapietra, M Grandis, S C Previtali, Y M Falzone, I Allegri, L Padua, C Pazzaglia, I Tramacere, E Cavalca, P Saveri, A Quattrone, P Valentino, S Tozza, L Gentile, M Russo, A Mazzeo, G Vita, V Prada, R Zuccarino, F Ferraro, C Pisciotta, D Pareyson, for the Italian CMT Network

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



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



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.



Effectiveness of conservative nonpharmacological interventions in people with muscular dystrophies: a systematic review and meta-analysis

E Leone, A Pandyan, A Rogers, R Kulshrestha, J Hill, F Philp

General neurology

454 Methodological considerations for observational studies of treatment effectiveness in neurology: a clinician's guide

T Kalincik, I Roos, S Sharmin, C B Malpas

Neuropsychiatry



Unravelling the influence of affective stimulation on functional neurological symptoms: a pilot experiment examining potential mechanisms

S Pick, LS M Millman, E Ward, E Short, B Stanton, AAT S Reinders, J S Winston, T R Nicholson, M J Edwards, L H Goldstein, A S David, T Chalder, M Hotopf, M A Mehta

Epilepsy

471 Pragmatic computerised perfusion diagnostics for non-convulsive status epilepticus: a prospective observational study E Merli, M Romoli, S Galluzzo, L Bevacqua, E S Cece, G Ricci, S Testoni, A Zaniboni, M M Viola, L Simonetti, F Bisulli, S Contardi,

Cognition



Binary reversals: a diagnostic sign in primary progressive aphasia

E Mulroy, L B Core, A Chokesuwattanaskul, J CS Johnson, P D Fletcher, C R Marshall, A Volkmer, J D Rohrer, C JD Hardy, M N Rossor, J D Warren

Neurodegeneration

P Tinuper, A Zini



Clinical biomarker-based biological ageing and future risk of neurological disorders in the UK

Biobank

JKL Mak, CE McMurran, S Hägg

PostScript

485 Letter