



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

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

Impact factor: 7.349

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.

Contents

Volume 88 Issue 11 | JNNP November 2017

Editorial commentaries


897 'It's the progression, doctor': what patients with motor neurone disease really are interested in
 *J Grosskreutz*


898 Is pathology-specific diagnosis of the dementia possible in life?
J R Hodges

900 The reticular activating system in the wake of temporal lobe epilepsy: dazed and confused
J D Rolston

Neurodegeneration

901 Structural MRI correlates of amyotrophic lateral sclerosis progression
J Senda, N Atsuta, H Watanabe, E Bagarinao, K Imai, D Yokoi, Y Riku, M Masuda, R Nakamura, H Watanabe, M Ito, M Katsumo, S Naganawa, G Sobue

908 Patterns of atrophy in pathologically confirmed dementias: a voxelwise analysis
 *L Harper, F Bowman, E J Burton, F Barkhof, P Scheltens, J T O'Brien, N C Fox, G R Ridgway, J M Schott*

917 Cortical influences drive amyotrophic lateral sclerosis
 *A Eisen, H Braak, K D Tredici, R Lemon, A C Ludolph, M C Kiernan*

Epilepsy


925 Functional connectivity disturbances of the ascending reticular activating system in temporal lobe epilepsy
D J Englot, P-F D'Haese, P E Konrad, M L Jacobs, J C Gore, B W Abou-Khalil, V L Morgán

933 Factors affecting seizure outcome after epilepsy surgery: an observational series
G S Bell, F de Tisi, J C Gonzalez-Fraile, J L Peacock, A W McEvoy, W F J Harkness, J Foong, R A Pope, B Diehl, J W Sander, J S Duncan

Neuromuscular

941 Biomarkers predict outcome in Charcot-Marie-Tooth disease 1A
R Fledrich, M Mannil, A Leha, C Ehbrecht, A Solari, A L Pelayo-Negro, J Berciano, B Schlotter-Weigel, T J Schnizer, T Prukop, N Garcia-Angarita, D Czesnik, J Haberlová, R Mazanec, W Paulus, T Beissbarth, M C Walter, CMT-TRIAL, J-Y Hogrel, O Dubourg, A Schenone, J Baets, P De Jonghe, M E Shy, R Horvath, D Pareyson, P Seeman, P Young, M W Sereda

Movement disorders

953 Impact of sleep-related symptoms on clinical motor subtypes and disability in Parkinson's disease: a multicentre cross-sectional study
 *K Suzuki, Y Okuma, T Uchiyama, M Miyamoto, R Sakakibara, Y Shimo, N Hattori, S Kuwabara, T Yamamoto, Y Kajii, S Hirano, T Kadowaki, K Hirata, on behalf of the Kanto NMPD investigators*

960 Pallidal deep brain stimulation for dystonia: a long term study
S Meoni, V Fraix, A Castrioto, A L Benabid, E Seigneuret, L Vercueil, P Pollak, P Krack, E Chevrier, S Chabardes, E Moro



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/>



- 968** Impulsivity in Parkinson's disease is associated with altered subthalamic but not globus pallidus internus activity

P J Rossi, J B Shute, E Opri, R Molina, C Peden, O Castellanos, K D Foote, A Gunduz, M S Okun

Neurosurgery

- 971** The screening and management of pituitary dysfunction following traumatic brain injury in adults: British Neurotrauma Group guidance



C L Tan, S A Alavi, S E Baldeweg, A Belli, A Carson, C Feeny, A P Goldstone, R Greenwood, D K Menon, H L Simpson, A A Toogood, M Gurnell, P J Hutchinson

Cerebrovascular disease

- 982** The increasing impact of cerebral amyloid angiopathy: essential new insights for clinical practice



OPEN ACCESS



EDITOR'S CHOICE

G Banerjee, R Carare, C Cordonnier, S M Greenberg, J A Schneider, E E Smith, M van Buchem, J van der Grond, M M Verbeek, D J Werring

PostScript

- 996** Letters



OPEN ACCESS