2021 by guest. Protected by copyright

Cover image: Ginseng

Martin Rossor (UK)

Deputy Editor

Michael Hanna (UK)

Associate Editors

Simon Fleminger (UK) Didier Leys (France)

Philip Scheltens (The Netherlands) Peter Warnke (USA)

Web Editor

Rustam Al-Shahi (UK)

Editor, Practical Neurology

Charles Warlow (UK)

Editorial Board

See page iv

Editorial Office

Journal of Neurology Neurosurgery &

Psychiatry

BMJ Publishing Group Ltd

BMA House

Tavistock Square

London WC1H 9JR, UK T: +44 (0)20 7874 7024

F: +44 (0)20 7383 6668

E: jnnp@bmjgroup.com

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

Impact factor 3.857

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

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: © 2009 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 The Charlesworth Group and printed in the UK on acid-free paper from sustainable forests by Cambrian Printers Limited, Aberystwyth, UK.

Journal of Neurology Neurosurgery & Psychiatry (USPS No: 002-156) is published monthly by BMJ Publishing Group and distributed in the USA by SPP, 75 Aberdeen Road, Emigsville, PA 17318, USA. Periodicals postage paid at Emigsville, PA, USA. POSTMASTER: send address changes to *Journal of Neurology Neurosurgery & Psychiatry*, PO Box 437, Emigsville, PA 17318-0437, USA.

Contents

Volume 80 Number 4 | JNNP April 2009

Editorial commentaries

357 There might be more to SPG4! BPC van de Warrenburg

358 The unsolved puzzle of multiple sclerosis and venous function C Franceschi

Botulinum toxin should be first-line treatment 359 for poststroke spasticity G Sheean

Review

360 Diagnosis and new treatment in muscle channelopathies

G Meola, M G Hanna, B Fontaine

Research papers

366 Incidence and survival of dementia in a general population of Japanese elderly: the Hisayama

> Y Matsui, Y Tanizaki, H Arima, K Yonemoto, Y Doi, T Ninomiya, K Sasaki, M Iida, T Iwaki, S Kanba, Y Kiyohara

Social dysfunctioning after mild to moderate first-ever stroke at vocational age



M Hommel, S Trabucco-Miguel, S Joray, B Naegele, N Gonnet, A Jaillard

376 Management and clinical outcome of posterior fossa arteriovenous malformations: report on a single-centre 15-year experience

> L da Costa, L Thines, A R Dehdashti, M C Wallace, R A Willinsky, M Tymianski, M L Schwartz, K G ter Brugge

Botulinum neurotoxin versus tizanidine in upper 380 limb spasticity: a placebo-controlled study



D M Simpson, J M Gracies, S A Yablon, R Barbano, A Brashear, the BoNT/TZD Study

Increasing prevalence and incidence of multiple sclerosis in South East Wales

> C Hirst, G Ingram, T Pickersgill, R Swingler, D A S Compston, N P Robertson

392 Chronic cerebrospinal venous insufficiency in



I Bartolomei, F Salvi

400 The onset location of multiple sclerosis predicts the location of subsequent relapses

> E M Mowry, S Deen, I Malikova, J Pelletier, P Bacchetti, E Waubant

404 Anti-Hu-associated brainstem encephalitis A Saiz, J Bruna, P Stourac, M C Vigliani, B Giometto, W Grisold, I Honnorat, D Psimaras, R Voltz, F Graus

408 A new dominantly inherited pure cerebellar ataxia, SCA 30

> E Storey, M Bahlo, M Fahey, O Sisson, C J Lueck, R J M Gardner

412 Onco-neural antibodies and tumour type determine survival and neurological symptoms in paraneoplastic neurological syndromes with Hu or CV2/CRMP5 antibodies

> I Honnorat, S Cartalat-Carel, D Ricard, J Ph Camdessanche, A F Carpentier, V Rogemond, F Chapuis, M Aguera, E Decullier, A M Duchemin, F Graus, J C Antoine

417 Intraoperative preservation of corticospinal function in the brainstem

G Neuloh, J Bogucki, J Schramm

Short reports

423 Risk of incident Parkinson's disease and parkinsonism in essential tremor: a population based study

> I Benito-León, E D Louis, F Bermejo-Pareja, on behalf of the Neurological Disorders in Central Spain (NEDICES) Study Group

426 Filamin A mutation, a common cause for periventricular heterotopia, aneurysms and cardiac defects

> M C Y de Wit, J M Kros, D J J Halley, I F M de Coo, R Verdijk, B C Jacobs, G M S Mancini

429 Disrupted intrinsic functional connectivity in the vegetative state

F Cauda, B M Micon, K Sacco, S Duca, F D'Agata, G Geminiani, S Canavero

MORE CONTENTS ►



This article has been chosen by the Editor to be of specialist 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.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See http://jnnp.bmj.com/info/unlocked.dtl



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk



- 432 Pattern and progression of white-matter changes in a case of posterior cortical atrophy using diffusion tensor imaging T Duning, T Warnecke, S Mohammadi, H Lohmann, H Schiffbauer, H Kugel, S Knecht,
 - E B Ringelstein, M Deppe
- 437 Risk indicators for development of headache during dipyridamole treatment after cerebral ischaemia of arterial origin
 P H A Halkes, J van Gijn, L J Kappelle,
 P J Koudstaal, A Algra, on behalf of the ESPRIT Study Group
- **440** Posterior fossa abnormalities in hereditary spastic paraparesis with spastin mutations C Scuderi, M Fichera, G Calabrese, M Elia, C Amato, M Savio, E Borgione, G A Vitello, S A Musumeci
- 444 Temporal cortex direct current stimulation enhances performance on a visual recognition memory task in Alzheimer disease

 P. S. Boggio, L. P. Khoury, D. C. S. Martins,

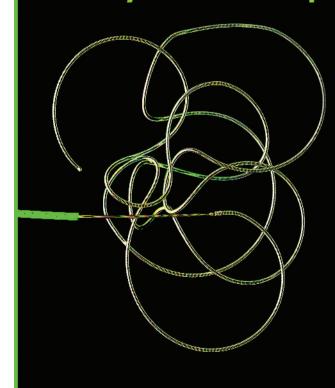
 O. E. M. S. Martins, E. C. de Macedo, F. Fregni

PostScript

448 Letters

452 ABN Abstracts

Focus your mind on quality research every month



Journal of Neurology, Neurosurgery and Psychiatry keeps you right up to date with the whole field of clinical neurological practice, neurosurgery and psychiatry, so you'll want the guarantee of reading it every month.

Why not recommend the journal to your librarian or better still, obtain your own personal subscription? You will receive a paper copy every month as well as online access for **just £209 a year** (€282, \$408). Too much paper on your desk already? An online subscription is **just £122** (€165, \$238). Better still, a personal subscription includes the acclaimed bi-monthly *Practical Neurology*.

Visit **group.bmj.com/group/subs-sales** - your subscription to this first class journal is just a few clicks away.

jnnp.bmj.com

BMJIJournals