



Cover image: *Acorus Calamus* L

Editor

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 3.63

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: © 2008 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.

Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: Journal of Neurology Neurosurgery & Psychiatry, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.

Contents

Volume 79 Number 4 | JNNP April 2008

Editorial commentaries

363 Bringing cognitive testing into the real world
E Coulthard, M Husain

364 Current to the brain improves word-finding difficulties in aphasic patients
S F Cappa

364 The apolipoprotein-ε4 gene: always harmful?
T W Teasdale

Cochrane neurological network corner

366 Creatine treatment in muscle disorders: a meta-analysis of randomised controlled trials
R A Kley, M A Tarnopolsky, M Vorgerd

Review

368 Parkinson's disease: clinical features and diagnosis
J Jankovic

Research papers

377 The use of EEG in the diagnosis of dementia with Lewy bodies
G Roks, E S C Korf, W M van der Flier, P Scheltens, C J Stam

381 Cognitive maturation in preterm and term born adolescents
M Allin, M Walshe, A Fern, C Nosarti, M Cuddy, L Rifkin, R Murray, T Rushe, J Wyatt

387 Occurrence and clinical correlates of REM sleep behaviour disorder in patients with Parkinson's disease over time
M D Gjerstad, B Boeve, T Wentzel-Larsen, D Aarsland, J P Larsen

392 Long-term assessment of the risk of spread in primary late-onset focal dystonia
G Abbruzzese, A Berardelli, P Girlanda, R Marchese, D Martino, F Morgante, L Avanzino, C Colosimo, G Defazio

397 Predicting outcome in hyper-acute stroke: validation of a prognostic model in the Third International Stroke Trial (IST3)
SCOPE (Stroke Complications and Outcomes Prediction Engine) Collaborations and IST

401 Ipsilateral motor dysfunction on unilateral stroke: implications for the functional neuroanatomy of hemiparesis
O Noskin, J W Krakauer, R M Lazar, J R Festa, C Handy, K A O'Brien, R S Marshall

407 Evolution of different MRI measures in patients with active relapsing-remitting multiple sclerosis over 2 and 5 years: a case-control study
D Horakova, J L Cox, E Havrdova, S Hussein, O Dolezal, D Cookfair, M G Dwyer, Z Seidl, N Bergsland, M Vanecckova, R Zivadinov

415 Greater occipital nerve block using local anaesthetics alone or with triamcinolone for transformed migraine: a randomised comparative study
A Ashkenazi, R Matro, J W Shaw, M A Abbas, S D Silberstein

418 The usefulness of clinical findings in localising lesions in Bell's palsy: comparison with MRI
J I Seok, D-K Lee, K J Kim

421 Neurological care and risk of hospital mortality for patients with myasthenia gravis in England
M Hill, Y Ben-Shlomo

426 Association between apolipoprotein-ε4 and long-term outcome after traumatic brain injury
A H P Willemsse-van Son, G M Ribbers, W C J Hop, C M van Duijn, H J Stam

431 Evaluation of tumour response after gamma knife radiosurgery for residual vestibular schwannomas based on MRI morphological features
S-Y Yang, D G Kim, H-T Chung, S-H Park, S H Paek, H-W Jung

437 Use of combined conventional and quantitative MRI to quantify pathology related to cognitive impairment in multiple sclerosis
X Lin, C R Tench, P S Morgan, C S Constantinescu

Short reports

443 A case report on fixation instability in Parkinson's disease with bilateral deep brain stimulation implants
H A C Wark, P C Garell, A L Walker, M A Basso

448 Relapsing encephalopathy in a patient with α-methylacyl-CoA racemase deficiency
S A Thompson, J Calvin, S Hogg, S Ferdinandusse, R J A Wanders, R A Barker

451 Improved naming after transcranial direct current stimulation in aphasia
A Monti, F Cogiamanian, S Marceglia, R Ferrucci, F Marni, S Mrakic-Sposta, M Vergari, S Zago, A Priori

454 A longitudinal study of variations in and predictors of fatigue in multiple sclerosis
S Johansson, C Ytterberg, J Hillert, L Widén Holmqvist, L von Koch



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>



www.publicationethics.org.uk

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

- 458** Bedside differentiation of vestibular neuritis from central “vestibular pseudoneuritis”
C D Cnyrim, D Newman-Toker, C Karch, T Brandt, Michael Strupp
- 461** Asymmetrical late onset motor neuropathy associated with a novel mutation in the small heat shock protein HSPB1 (HSP27)
P A James, J Rankin, K Talbot
- 464** From both sides now: crossover effects influence navigation in patients with unilateral neglect
T D Punt, K Kitadono, J Hulleman, G W Humphreys, M J Riddoch
- 467** Aceruloplasminaemia with progressive atrophy without brain iron overload: treatment with oral chelation
F M Skidmore, V Drago, P Foster, I M Schmalzfuss, K M Heilman, R R Streiff
- 471** Interleukin 6 gene polymorphisms are not associated with aneurysmal subarachnoid haemorrhage in an Italian population
M Fontanella, I Rainero, S Gallone, E Rubino, P Fenoglio, W Valfrè, D Garbossa, C Benevello, A Ducati, L Pinessi
- 474** Loss of exploratory vertical saccades after unilateral frontal eye field damage
T Pflugshaupt, T Nyffeler, R von Wartburg, C W Hess, R M Müri
-
- 481** Disappearance of “phantom limb” and amputated arm usage during dreaming in REM sleep behaviour disorder
R Vetrugno, I Arnulf, P Montagna
- 483** Bilateral mesial temporal polymicrogyria: a case report
G Kuchukhidze, R Helbok, I Unterberger, F Koppelstaetter, T Bodner, E Trinka
- 484** Sub-acute demyelinating neuropathy associated with an NK/T cell lymphoma
A J Wills, S O'Connor, A McMillan
- 485** The effects of donepezil on nicotinic receptor status in dementia: a ¹²³I-5IA-85380 SPECT study
S J Colloby, S Pakrasi, E K Perry, S L Pimlott, D J Wyper, E D Williams, I G McKeith, J T O'Brien
- 487** Book reviews
-
- Neurological pictures**
- 365** Extensive cerebral calcification in a patient with systemic lupus erythematosus
R H Andres, G Schroth, L Remonda
- 406** “Hand Knob” infarction
J Hall, A C Flint
- 442** Spontaneous intracranial hypotension, hygromata and haematomata
D G Healy, P J Goadsby, N D Kitchen, T Yousry, M G Hanna
-
- Historical note**
- 478** Kinnier Wilson and Sherrington
E H Reynolds

PostScript

- 480** Bilateral vertebral artery dissection and infratentorial stroke complicated by stress-induced cardiomyopathy
T Seifert, E Klein, S Legat-Wallner, U Krenn, H Brussee, A Lueger, K Niederkorn, F Fazekas

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 £195 a year (€289, \$371). Too much paper on your desk already? An online subscription is just £114 (€169, \$217). 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

BMJ Journals