## neurology neurosurgery psychiatry

This issue live and online www.jnnp.com

Editorial	401	Pharmacoeconomics and motor neuron disease M Swash
Editorial	403	Skull fractures and mild head injury I Moseley
commentaries	404	A window on the role of dopamine in addiction disorders $\mathcal{J}L$ Cummings
Review: Neurological aspects of tropical disease	405	Japanese encephalitis T Solomon, N M Dung, R Kneen, M Gainsborough, D W Vaughn, V T Khanh
Papers	416	Value of radiological diagnosis of skull fracture in the management of mild head injury: meta-analysis $PAM$ Hofman, $P$ Nelemans, $G$ $\mathcal{J}$ Kemerink, $\mathcal{J}$ $T$ Wilmink
	423	Hedonistic homeostatic dysregulation in patients with Parkinson's disease on dopamine replacement therapies G Giovannoni, J D O'Sullivan, K Turner, A J Manson, A J L Lees
	429	Assessment of voiding dysfunction in Parkinson's disease by the international prostate symptom score I Araki, S Kuno
	434	What clinical features are most useful to distinguish definite multiple system atrophy from Parkinson's disease? GK Wenning, Y Ben-Shlomo, A Hughes, SE Daniel, A Lees, NP Quinn
	441	Recovery from optic neuritis is associated with a change in the distribution of cerebral response to visual stimulation: a functional magnetic resonance imaging study $D \mathcal{J}$ Werring, $E T Bullmore, A T Toosy, D H Miller, G \mathcal{J} Barker, D G MacManus, M \mathcal{J} Brammer, V P Giampietro, A Brusa, P A Brex, I F Moseley, G T Plant, W I McDonald, A \mathcal{J} Thompson$
	450	Disability outcome measures in therapeutic trials of relapsing-remitting multiple sclerosis: effects of heterogeneity of disease course in placebo cohorts <i>C Liu, L D Blumhardt</i>
	458	Stepping before standing: hip muscle function in stepping and standing balance after stroke SGB Kirker, DS Simpson, JR Jenner, AM Wing
	465	Pattern of premature degenerative changes of the cervical spine in patients with spasmodic torticollis and the impact on the outcome of selective peripheral denervation $S J Ghavda$ , $A M \ddot{u}nchau$ , $D Johnson$ , $K Bhatia$ , $N P Quinn$ , $J Stevens$ , $A J Lees$ , $J D Palmer$
	472	Myopathy with anti-Jo-1 antibodies: pathology in perimysium and neighbouring muscle fibres $T$ $Mozaffar$ , $A$ $Pestronk$
	479	Treatment of paraneoplastic neurological syndromes with antineuronal antibodies (Anti-Hu, Anti-Yo) with a combination of immunoglobulins, cyclophosphamide, and methylprednisolone F Keime-Guibert, F Graus, A Fleury, R René, J Honnorat, P Broet, J-Y Delattre
	483	Clinical syndromes associated with tomacula or myelin swellings in sural nerve biopsies S Sander, R A Ouvrier, J G McLeod, G A Nicholson, J D Pollard
	489	Detection of intracranial aneurysms with unenhanced and echo contrast enhanced transcranial power Doppler CL Turner, PJ Kirkpatrick
Short reports	496	Vasculitic neuropathy in a patient with inactive treated lepromatous leprosy $\mathcal{J}RC$ Bowen, $AC$ McDougall, $\mathcal{J}H$ Morris, $SB$ Lucas, $M$ Donaghy
	501	Diffusion tensor imaging demonstrates deviation of fibres in normal appearing white matter adjacent to a brain tumour UC Wieshmann, MR Symms, GJM Parker, CA Clark, L Lemieux, GJB Barker, SD Shorvon
	504	Clinical, electrophysiological, and molecular genetic studies in a new family with paramyotonia congenita NP Davies, LH Eunson, RP Gregory, KR Mills, PJ Morrison, MG Hanna
	508	An arachnoid cyst presenting as an intramedullary tumour $PWA$ Willems, $WM$ van den Bergh, $WP$ Vandertop
	511	Illusory limb movements in anosognosia for hemiplegia TE Feinberg, DM Roane, JAli
	514	Epidural compression of the cauda equina caused by vertebral osteoblastic metastasis of prostatic carcinoma: resolution by hormonal therapy K Susuki, S Matsumoto, N Kitagawa, H Shinohara, O Hasegawa, Y Kuroiwa
	516	Modulation of single motor unit discharges using magnetic stimulation of the motor cortex in incomplete spinal cord injury HC Smith, NJ Davey, G Savic, DW Maskill, PH Ellaway, MA Jamous, HL Frankel

	521	Postmortem study of ataxia with retinitis pigmentosa by mutation of the α-tocopherol transfer protein gene T Yokota, T Uchihara, J Kumagai, T Shiojiri, J J Pang, M Arita, H Arai, M Hayashi, M Kiyosawa, R Okeda, H Mizusawa
Neurological picture	525	Reversal sign after cardiopulmonary arrest G Brancatelli, R Lagalla
Clinicopathological case conference	526	Progressive dementia and gait disorder in a 78 year old woman M Tagliati, D P Perl, B Drayer, C W Olanow
Letters	532	No association between the APOE $\varepsilon 4$ allele and outcome and susceptibility in primary progressive multiple sclerosis $S \mathcal{J} M Weatherby, C L A Mann, A A Fryer, R C Strange, C P Hawkins, V L Stevenson, S M Leary, A \mathcal{J} Thompson$
	532	Transverse myelopathy, a rare complication of mixed connective tissue disease: comparison with SLE related transverse myelopathy $S \mathcal{J} M $ Weatherby, $M B $ Davies, $C P $ Hawkins, $N $ Haq, $P $ Dawes
	533	Plasmapheresis in multifocal motor neuropathy: a case report D Claus, S Specht, M Zieschang
	535	Ethambutol related headache in HIV infection: sensitisation to normal CSF pressure? A case report H Kaube, P Mummel, S Koeppen
Correspondence	536	Transcranial Doppler sonography in acute stroke $PA$ Barber, $A$ M Demchuk, $A$ V Alexandrov. Reply by $H$ S $Markus$
	536	Giant cell arteritis of the cervical radicular vessels presenting with diaphragmatic weakness PN Leigh, CE Shaw. Reply by J Winer, E Burton, P Barber
	537	Unidirectional dyslexia in a polyglot MD Mohamed, SM Elsherbiny, PJ Goulding. Reply by RR Leker, I Biran
	537	Dyslexia in Hebrew M Cole, A J Lerner. Reply by R R Leker, I Biran
Correction	538	Khudados E, Cody FWJ, O'Boyle D. Proprioceptive regulation of voluntary ankle movements, demonstrated using muscle vibration, is impaired by Parkinson's disease. <i>J Neurol Neurosurg Psychiatry</i> 1999; <b>67</b> :504–10.
Book reviews	538	
Neurological stamp	507	Robert Barany (1876-1936) A Mudry

Editorial Committee C Kennard (UK) NB Haynes LR Caplan (USA) S Lovestone (UK) NW Wood (UK) (Technical Editor) R Maurice-Williams (UK) Editor DR Cornblath (USA) (Editor) GD Perkin (UK) M P Barnes (UK) MC Dalakas (USA) TM McMillan (UK) British Medical (Deputy Editor) Y Ben-Shlomo (UK) JS Duncan (UK) DH Miller (UK) Journal IR Whittle (UK) SF Berkovic (Australia) PJ Goadsby (UK) IF Moseley (UK) (Associate Editor) I Bone (UK) PW Halligan (UK) AHV Schapira (UK) H P Hartung (Austria) S Fleminger (UK) SJ Boniface (UK) E Teasdale (UK) (Associate Editor) M-G Bousser (France) J Kimura (Japan) ES Tolosa (Spain) CMC Allen (UK) T Brandt (Germany) PJ Kirkpatrick (UK) B Toone (UK) (Book Review Editor) DJ Brooks (UK) RWH Walker (UK) PL Lantos (UK)

Editorial Assistant, AL Kirk

Journal address: Journal of Neurology, Neurosurgery, and Psychiatry, Division of Neuroscience and Psychological Medicine, Room 10E 15, Imperial College School of Medicine, Charing Cross Hospital, Fulham Palace Road, London W6 8RF, UK. Telephone: 020 8846 1213; Fax: 020 8846 7730; email: a.l.kirk@ic.ac.uk and editor.jnnp@ic.ac.uk; Internet homepages: http://www.jnnp.com http://www.bmj.com/bmj/ eINNP ISSN 1468-330X

COPPRIGHT © 2000 by JOURNAL OF NEUROLOGY, NEUROSURGERY, AND PSYCHIATRY. 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 the prior permission of the Journal of Neurology, Neurosurgery, and Psychiatry.

NOTICE TO ADVERTISERS Applications for advertisement space and rates should be addressed to the Advertisement Manager, JOURNAL OF NEUROLOGY, NEUROSURGERY, AND PSYCHIATRY, BMJ Publishing Group, BMA House, Tavistock Square, London WC1H 9JR.

Periodicals postage paid at Rahway NJ. Postmaster: send address changes to: Journal of Neurology, Neurosurgery, and Psychiatry, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA. ISSN 0022-3050.

NOTICE TO SUBSCRIBERS Journal of Neurology, Neurosurgery, and Psychiatry is published monthly. The annual subscription rates are £299.00; USA \$479.00. Orders should be sent to BMJ Publishing Group, PO Box 299, London WC1H 9TD. Orders can also be placed with any leading subscription agent or bookseller. (For the convenience of readers in the USA subscription orders with or without payment may also be sent to BMI Publishing Group, PO Box 590A, Kennebunkport, ME 04046, USA; tel: 1 800 236 6265.) All enquiries regarding air mail rates and single copies already published should be addressed to the Publisher in London. For commercial reprints: contact Sheila Rowe. Telephone 020 7383 6450; fax 020

Subscriptions may be paid by Access, Visa, or American Express credit cards.

Published by BMJ Publishing Group, and printed in England on acid free paper by Thanet Press Limited, Margate, Kent