

# Journal of neurology neurosurgery & psychiatry

This issue live and online

www.jnnp.com

## Editorial

## Editorial commentaries

## Review

## Papers

## Short reports

- 1 Synapses, sea slugs, and psychiatry *A S David*
- 2 Prevalence of cerebral white matter lesions in elderly people: a population based magnetic resonance imaging study: the Rotterdam Scan Study *J M Wardlaw*
- 3 Vascular depression: new light on an established idea? *J C S Breitner*
- 4 Neurology of ciguatera *J Pearn*
- 9 Prevalence of cerebral white matter lesions in elderly people: a population based magnetic resonance imaging study. The Rotterdam Scan Study *F-E de Leeuw, J C de Groot, E Achten, M Oudkerk, L M P Ramos, R Heijboer, A Hofman, J Jolles, J van Gijn, M M B Breteler*
- 15 Additional educational needs in children born to mothers with epilepsy *N Adab, A Jacoby, D Smith, D Chadwick*
- 22 Brain perfusion abnormalities in Alzheimer's disease: comparison between patients with focal temporal lobe dysfunction and patients with diffuse cognitive impairment *A Cappa, M L Calcagni, G Villa, A Giordano, C Marra, G De Rossi, M Puopolo, G Gainotti*
- 28 Variation of visual evoked potential delay to stimulation of central, nasal, and temporal regions of the macula in optic neuritis *S Rinalduzzi, A Brusa, S J Jones*
- 36 Facilitation of transmission in heteronymous group II pathways in spastic hemiplegic patients *P Marque, M Simonetta-Moreau, E Maupas, C F Roques*
- 43 Pattern of localisation error in patients with stroke to sound processed by a binaural sound space processor *S Sonoda, M Mori, A Goishi*
- 50 Anti-GQ1b IgG antibody syndrome: clinical and immunological range *M Odaka, N Yuki, K Hirata*
- 56 Excitability properties of motor axons in patients with spontaneous motor unit activity *M C Kiernan, I K Hart, H Bostock*
- 65 X-linked sideroblastic anaemia with ataxia: another mitochondrial disease? *K D Hellier, E Hatchwell, A S Duncombe, J Kew, S R Hammans*
- 70 Reduced item set for the amyotrophic lateral sclerosis assessment questionnaire: development and validation of the ALSAQ-5 *C Jenkinson, R Fitzpatrick*
- 74 Diagnosis and surgical management of intraspinal synovial cysts: report of 19 cases *M Trummer, G Flaschka, M Tillich, C N Homann, F Unger, S Eustacchio*
- 78 Amitriptyline enhances the central component of physiological tremor *J Raethjen, M R Lemke, M Lindemann, R Wenzelburger, P Krack, G Deuschl*
- 83 A neuropathological study of vascular factors in late-life depression *A J Thomas, I N Ferrier, R N Kalaria, R H Perry, A Brown, J T O'Brien*
- 88 Abnormal peripheral auditory asymmetry in schizophrenia *E Veuillet, N Georgieff, B Philibert, J Dalery, M Marie-Cardine, L Collet*
- 95 Release of biochemical markers of damage to neuronal and glial brain tissue is associated with short and long term neuropsychological outcome after traumatic brain injury *M Herrmann, N Curio, S Jost, C Grubich, A D Ebert, M L Fork, H Synowitz*
- 101 Increased jugular bulb saturation is associated with poor outcome in traumatic brain injury *C S A Macmillan, P J D Andrews, V J Easton*
- 105 Clinical features and prognostic factors of cerebral venous sinus thrombosis in a prospective series of 59 patients *S F T M de Bruijn, R J de Haan, J Stam, for the Cerebral Venous Sinus Thrombosis Study Group*
- 109 Cognitive dysfunction as a major determinant of disability in patients with heart failure: results from a multicentre survey *G Zuccalà, G Onder, C Pedone, A Cocchi, L Carosella, C Cattell, P U Carbonin, R Bernabei GIFA (SIGG-ONLUS) investigators*
- 113 Encephalomyelitis due to *Cryptococcus neoformans* var *gattii* presenting as spinal tumour: case report and review of the literature *P Grosse, K Tintelnot, O Söllner, B Schmitz*
- 117 Herpes simplex encephalitis: involvement of apolipoprotein E genotype *W-R Lin, M A Wozniak, M M Esiri, P Klenerman, R F Itzhaki*
- 120 Primary diffuse leptomeningeal gliomatosis simulating tuberculous meningitis *J H Rees, N Balakas, A Agathonikou, S F Hain, G Giovanonni, C P Panayiotopoulos, M Luxsawong, T Revesz*
- 123 PMP22 related congenital hypomyelination neuropathy *G M Fabrizi, A Simonati, F Taioli, T Cavallaro, M Ferrarini, F Rigatelli, A Pini, M L Mostacciolo, N Rizzuto*

	127	Isolated medulla oblongata function after severe traumatic brain injury <i>E F M Wijidicks, J L D Atkinson, H Okazaki</i>
<b>Neurological picture</b>	130	Medial medullary syndrome due to vertebral artery dissection <i>D Leppert, E-W Radue</i>
<b>Letters</b>	132	Hashimoto's encephalopathy responding to plasmapheresis <i>P M Boers, J G Colebatch</i>
	132	Meningoencephalitis after streptokinase treatment <i>S T Wahid, R W Bilous, D Lilic, P K Newman</i>
	133	Atypical course of neuropathic Gaucher's disease: follow up from early infancy until adulthood <i>N Baumann, M Lefèvre, J C Turpin, B Fontaine, H Hosseini, H Aerts, S van Weely</i>
	134	Creutzfeldt-Jakob disease in a young person with valine homozygosity at codon 129: sporadic or variant? <i>C E M Hillier, J G Llewelyn, J W Neal, J W Ironside</i>
	135	Multiple sclerosis treatment trial precipitates divorce <i>A Coles, J Deans, A Compston</i>
	135	Allodynia: a sensory analogue of motor mirror neurons in a hyperaesthetic patient reporting instantaneous discomfort to another's perceived sudden minor injury? <i>J L Bradshaw, J B Mattingley</i>
	136	Acquired hepatocerebral degeneration: full recovery after liver transplantation <i>A Stracciari, M Guarino, P Pazzaglia, G Marchesini, P Pisi</i>
<b>Correspondence</b>	137	Unexpected sudden death after lateral medullary infarction <i>J H Jaster</i>
	137	Postictal psychosis related regional cerebral hyperfusion <i>L S Boylan</i> . Reply by <i>G C Y Fong</i>
	138	HTLV-I and HIV infections of the CNS in tropical areas <i>B J Brew</i>
	138	Statistics and analysis of the Camino ICP monitor <i>B A Gregson, K Banister, I R Chambers</i>
<b>Book reviews</b>	138	
<b>Historical note</b>	14	Saint Vitus and his dance <i>A C Eftychiadis, T S N Chen</i>
<b>Neurological stamp</b>	126	Wilhelm Conrad Von Röntgen (1845–1923) <i>L F Haas</i>
<b>Correction</b>	141	Cabre P, Smadja D, Cabié A, <i>et al.</i> HTLV-1 and HIV infections of the central nervous system in tropical areas. <i>J Neurol Neurosurg Psychiatry</i> 2000; <b>68</b> :550–7.

---

<b>Editorial Committee</b>	C Kennard (UK) <i>(Editor)</i>	M P Barnes (UK) Y Ben-Shlomo (UK)	JS Duncan (UK) PJ Goadsby (UK)	TM McMillan (UK) DH Miller (UK)	Editor <i>British Medical Journal</i>
	GD Perkin (UK) <i>(Deputy Editor)</i>	SF Berkovic (Australia) I Bone (UK)	PW Halligan (UK) H P Hartung (Austria)	KR Mills (UK) IF Moseley (UK)	
	IR Whittle (UK) <i>(Associate Editor)</i>	M-G Bousser (France) T Brandt (Germany)	J Kimura (Japan) PJ Kirkpatrick (UK)	AHV Schapira (UK) AJ Thompson (UK)	
	S Fleminger (UK) <i>(Associate Editor)</i>	DJ Brooks (UK) LR Caplan (USA)	PL Lantos (UK) S Lovestone (UK)	ES Tolosa (Spain) JM Wardlaw (UK)	
	NB Haynes <i>(Technical Editor)</i>	MC Dalakas (USA) M Donaghy (UK)	R Maurice-Williams (UK)	NW Wood (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](mailto:a.l.kirk@ic.ac.uk) and [editor.jnnp@ic.ac.uk](mailto:editor.jnnp@ic.ac.uk); Internet homepages: <http://www.jnnp.com> <http://www.bmj.com/bmj/>  
eJNPP ISSN 1468-330X

**COPYRIGHT** © 2001 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 for institutions are £314.00 (USA \$503.00) for print only. Online licences are priced on the FTE basis and allow access by the whole institution. Institutions who opt for online access may purchase print at deeply discounted rates. Personal subscription rates which include online access are £132.00 (USA \$212.00). Enquiries regarding rates and orders should be sent to the Subscription Manager, BMJ Publishing Group, BMA House, Tavistock Square, London WC1H 9JR, [subscriptions@bmjgroup.com](mailto:subscriptions@bmjgroup.com). Subscribers may pay for their subscriptions by Mastercard, Visa, or American Express by quoting on their order the credit or charge card preferred, together with the appropriate personal account number and expiry date of the card. 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 the BMJ Publishing Group, PO Box 590A, Kennebunkport, ME 04046, USA. Tel: 1 800 236 6265. All enquiries, however, must be addressed to the publisher in London.) All enquiries regarding air mail rates and single copies already published should be addressed to the publisher in London.

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