

patients with chronic lumbosacral disc diseases as described in our study. We think there are important differences in pathophysiology. So far the testing of neuropathic conditions with heat pain stimulation has rarely resulted in strong evidence for hyperalgesic or hyperpathic changes. In a very recent publication,⁷ however, Wall gave a great number of examples of hyperalgesic changes produced by different kinds of neuropathies and he also pointed to the fact that a non-selective blockade of peripheral afferent impulses may lead to a "partial disinhibition" and, in consequence, to hyperalgesia. This is what seemed to have happened in our patients with chronic lumbosacral disc disease. That such an event might produce effects at the contralateral side appears not too speculative when the results of contralateral TENS-effects cited in our paper are considered. Taken together, we still believe that the conclusions drawn from the pilot study described are justified.

Finally, we want to answer the questions raised by Bowsher. Two patients were affected at the L5 root affection and 7 at the S1 root. We measured the thresholds at the medial (L5) and lateral (S1) side of the dorsum pedis, where the peripheral dermatomes are to be found, and verified the location of the dermatomes in the preceding neurological examination. As Bowsher expected, the dermatomes do normally not differ in warmth and pain sensitivity.

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NOTICES

Tropical Neurology Symposium, London, 25 March 1993

The first Tropical Neurology symposium to take place in the United Kingdom will be held at Manson House, 26 Portland Place, London. It will be co-sponsored by the Tropical Neurology Research Group of the World Federation of Neurology jointly with the Royal Society of Tropical Medicine and Hygiene. It will be chaired by Lord Walton, Professor D Warrell, Professor N Wadia and Dr CM Poser.

Further details from: The Administrator, Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London W1N 4EY. Telephone: 071-580 2127; Fax: 071-436 1389.

First Congress of the International Stereotactic Radiosurgery Society, Stockholm, Sweden

This congress will be held from 16-19 June 1993. Further information from The Con-

gress Secretariat ISRS 1993, Stockholm Convention Bureau, PO Box 6911, S-102 38 Stockholm, Sweden.

Ciba-Geigy · ILAE · IBE · Epileptology Prize

Ciba-Geigy has agreed with the International League Against Epilepsy (ILAE) and the International Bureau for Epilepsy (IBE) to establish a new prize of SFr. 20.000. to be awarded in recognition of outstanding achievement in the field of epilepsy. The prize is designed to encourage applied human research in epilepsy. By cooperating with both ILAE and IBE, Ciba-Geigy emphasises that application for the prize is open to candidates from all fields of applied research.

Anyone outside the pharmaceutical industry who considers that he or she has made a significant scientific contribution in the field of epilepsy may compete for the prize. Deadline for submission is 15 January 1993.

Entries for the prize will be judged by an Adjudicatory Panel consisting of the Presidents and one further delegate each of ILAE and IBE, and an independent chairman.

The prize will be awarded at the opening ceremony of the International Epilepsy Congresses (for the first time in Oslo on 3 July 1993, and subsequently in Sydney in 1995).

For further details and a set of the rules and application forms, those interested should write to Mrs. G Haldemann, Ciba-Geigy Limited, CH-4002 Basel, Switzerland.

Correction

In the article by M Manford and SD Shorvon, Prolonged sensory or visceral symp-

toms: an under-diagnosed form of non-convulsive focal (simple partial) status epilepticus (August 1992 issue of the jour-

nal), the figure was incorrect. The figure should have been as follows:

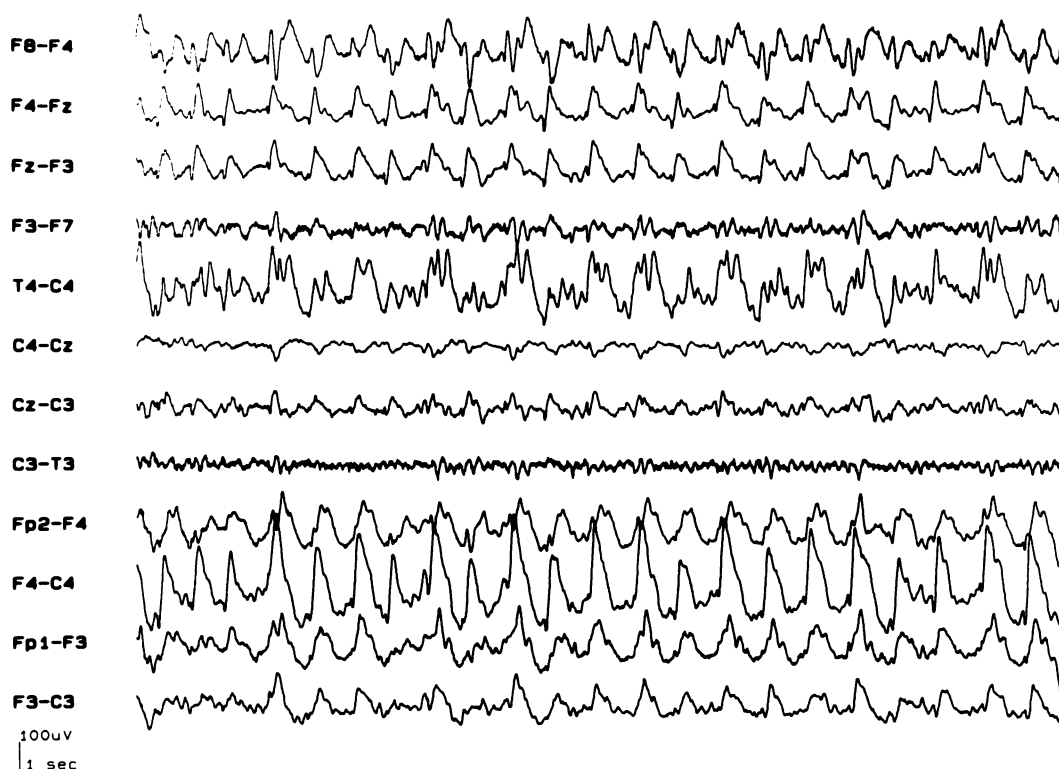


Figure Case 1: Standard 10-20 scalp EEG during a prolonged epigastric sensation, showing rhythmical slow activity, predominantly in the right frontocentral leads.

BOOK REVIEWS

All titles reviewed here are available from the BMJ Bookshop, PO Box 295, London WC1H 9TE. Prices include postage in the United Kingdom and for members of the British Forces Overseas, but overseas customers should add £2 per item for postage and packing. Payment can be made by cheque in sterling drawn on a United Kingdom bank, or by credit card (Mastercard, Visa or American Express) stating card number, expiry date, and your full name.

Exploring Brain Functional Anatomy with Positron Tomography. Ciba Foundation Symposium 163. Chairman: R PORTER (Pp 287; Price £43.50) 1991. Chichester, John Wiley & Sons. ISBN 0-471-92970-0.

The title is exactly right - this is an exploration. PET is a highly specialised subject, with few experts. Here you can meet most of them, and they spend half their time arguing. Good editing means that the prolonged discussions are very readable, almost audible. Even the individual tones of voice of known colleagues have been caught.

Seven of the fourteen chapters are about methods, which still excite controversy, and the others describe results. A study of stroke recovery compares blood flow changes accompanying movement of the unaffected and the recovered stroke hand. Contralateral cerebral and ipsilateral cerebellar activation accompany the former, but during the latter blood flow increases bilaterally and in novel areas of cortex, especially area 40. In a chapter on the relevance of the frontal lobe to psychosis attention is focused on area 46 in the dorsolateral prefrontal cortex, which is activated during creative psychomotor tasks. Defective function here may underlie the stereotyped behaviour often seen in schizophrenia. Other chapters deal with the somatosensory system, visual attention, memory, cognition and language activation. All of these are very readable, as are the discussions of the methods chapters, which are otherwise hard going. The sketch maps for this exploration are being steadily filled in.

N J LEGG

Clinical Neuro-Surgery Vol. 38 (CONGRESS OF NEUROLOGICAL SURGEONS) (Pp 666; Price £50.00). 1992. London, Williams & Wilkins Ltd. ISBN 0-683-02035-8.

There is a distinct subclass of medical publications which lies somewhere between a journal and a monograph. These publications are variously organized. Sometimes they have a single subject and constitute a valuable reference; sometimes they present more of the quality of a magazine with brief reference to enormous numbers of topics, for example, the Year Books.

Clinical Neurosurgery belongs to this group. This volume is subtitled "Proceedings of the Congress Neurological Surgeons; of Los Angeles, California, 1990." It is certainly much better than the average proceedings of a Congress. Many of the articles in here are

State of the Art descriptions, so for instance the status of MRI. Many of the review articles are excellent but others are too short to provide useful overall value. The section on spinal infections, for instance, is too brief to even remotely approach the comprehensive. Another criticism of books of this kind is that often they are not certain what audience they are addressing. The introduction to radiosurgery for instance is suitable for medical students whereas the sections on radiosurgery are more advanced. Nevertheless they have little value to anyone already practising it, since such surgeons have already made their decisions about the apparatus and so on, such that technical details of other peoples machines have little value. Their linac or proton beam energies and radiation sources are already in place and the purpose of their publications often seems to be to advertise their own systems.

The habit of lionising particular neurosurgeons looks strange when first picking up a book such as this. There seems little value in listing Professor C B Wilson's 480 publications and although three chapters are of excellent quality it makes the book seem a little unbalanced. On looking at all of the issues of Clinical Neurosurgery on the library shelves, however, the value of this long-standing publication seems much greater. It does indeed offer a splendid overview of the development of neurosurgery over the last 40 years since this series started off with Olivecrona as the honoured guest. The greatest value of this volume will be to grace library shelves and form part of such a collection whereas others of this type such as for example "Advances and technical standards in Neurosurgery", or the specialised volumes of "Neurosurgical Clinics of North America" which are organized by subject will have a greater value as purchases for the individual neurosurgeon advancing a particular interest.

BERNARD WILLIAMS

Handbook of Neurological Lists. By L M BRASS and P K STYS (Pp 397; Price: £22.95.) 1991. Edinburgh: Churchill Livingstone. ISBN 0-443-08696-6.

I have always been somewhat sceptical about the intrinsic value of books of disease lists, be they general or specific. The main reason for this is that such lists seldom emphasise the relative importance and significance of particular causes of symptoms or syndromes, and tend to be more concerned with detail than clinical utility. In clinical practice it is probably more important to be very familiar with 6 common causes of dementia than vaguely aware of 20 assorted causes, although rare treatable causes must be known.

I found it difficult not to be impressed with the *Handbook of Neurological Lists* compiled by Drs L Brass and P K Stys, both neurologists at Yale. Their approach is logical and is to base their standard classification under 11 different headings such as vascular, structural, metabolic, infectious etc. This provides a "standard template of differential diagnosis". The book is remarkably comprehensive, covering normal neuroanatomy and neurophysiology as well as neurological dis-

ease, and I could detect no major omissions. Neurological topics are considered very broadly and are closely related to general medical conditions of relevance.

There are 3 interrelated ways in which this book should prove useful to both students and clinicians. First, it will function as a general neurological aide-memoire, especially useful to the examination student. Second, because of its comprehensive nature, it should help to widen the neurological differential diagnostic ability of all those who study it. Third, because of the classification system and detail, it should help the clinician to organise his or her thoughts regarding neurological diagnosis, thereby assisting in problem-solving in the real clinical situation. Overall, the authors have performed a good job, and this book should prove to be a useful addition to the working libraries of students, general physicians and neurologists.

PETER GE KENNEDY

The Amygdala: Neurobiological Aspects of Emotion, Memory, and Mental Dysfunction. Edited by J P AGGLETON (Pp 615; Price: \$125.00). 1992. New York, Wiley-Liss. ISBN 0-471-56129-0.

The Amygdala is a structure receiving increasing neuroscientific and clinical attention since it appears to stand at the interface between memory and affect. This large reference volume brings together a series of scholarly papers devoted to the neuroanatomy, neurophysiology, neurochemistry and experimental psychological studies in animals. In the interesting clinical papers contributions are made to the role of the amygdala in Alzheimer's disease, schizophrenia and epilepsy. The volume is likely to appeal to a range of basic scientists in the field since it represents an up to date inter-disciplinary group of studies contained within a single text.

D NEARY

The End of Life in Medical Practice. By THE NETHERLANDS CENTRAL BUREAU OF STATISTICS (Pp 78; Price: hfl31.50). 1992. The Hague, SDU/Publishers. ISBN 903571375-3.

"The end of life in medical practice" by the Netherlands Central Bureau of Statistics, describes the findings of a survey amongst physicians about a sample of cases of death.

The aim was to measure medical decisions and actions (including withholding and withdrawal of treatment) around the end of life of the patient. This can include cases of euthanasia. Great care has been taken to keep the interview, analysis and presentation as neutral and valuefree as possible. In this way this publication could best serve to give some factual input to all parties in a discussion which is often centered around principles.

The publication is a translation from the Dutch original. As the issues around euthanasia are the subject of discussion in many parts of the world and quantitative data are very scarce, the findings could serve the interests of physicians in many countries.

VOLUME 55 · ASSESSORS

The Editor is grateful to the following who assisted in the assessment of papers during the past year.

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VOLUME 55 · REVIEWERS

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G Curzon	NF Lawton	M Ron	S Wessely
M Donaghy	J Lowe	MN Rossor	M Wilkinson
			KJ Zilkha

VOLUME 55: AUTHOR INDEX

- A**
 ABRAHAM R R *see* LEVY D M *et al*
 ACKERMANN R *see* KUNESCH E *et al*
 ADAMS D *see* KUNTZER T *et al*
 ADLER M *see* McALLISTER R J *et al*
 ADOBBATI L *see* JANN S *et al*
 AGID Y *see* MARCONI R *et al*
 AH-SEE A K *see* MALIK R A *et al*
 AHUJA G K: Neurocysticercotic versus idiopathic epilepsy: *matters arising*, 1220
 AICARDI J *see* GOUTIERES F *et al*
 AIMARD G *see* CHARLES N *et al*
 REVOL A *et al*
 ALEMANY M L: Hospital outpatient clinics, a neurology audit in South Catalonia: *matters arising*, 522
 ALFARO A: Cerebral venous thrombosis in paroxysmal nocturnal haemoglobinuria: *correspondence*, 412
 ALGRA A *see* FRANKE C L *et al*
 ALI A *see* DE QUEIROS-CAMPOS ARAUJO A *et al*
 RUDGE P *et al*
 ALVAREZ B, DAHLITZ M J, VIGNAU J, PARKES J D: The delayed sleep phase syndrome: clinical and investigative findings in 14 subjects, 665
 ALVES M *see* CARVALHO M *et al*
 ANCONES B *see* CARUS M E M *et al*
 ANDAR U B *et al*: The natural history of diastematomyelia, 514 *abs*
 ANDERSEN A R *see* HASSELBALCH S G *et al*
 ANDERSEN O *see* ERNERUDH J H *et al*
 ANDERSSON D E H *see* LINDBOM U *et al*
 ANSLOW P A *see* JOBST K A *et al*
 ANTOINE J C *see* MICHEL D *et al*
 APPLETON S L *see* PANEGYRES P K *et al*
 APPELYARD M E, McDONALD B: Acetylcholinesterase and butyrylcholinesterase activities in cerebrospinal fluid from different levels of the neuraxis of patients with dementia of the Alzheimer type, 1074
 ARIAS M, REQUENA I, PEREIRO I, CABELLO A: Multiple sclerosis and hypertrophic demyelinating neuropathy: *correspondence*, 857
 ARIMURA K *see* TOKIMURA Y *et al*
 ARRUDA W O: Neurocysticercotic versus idiopathic epilepsy: *matters arising*, 1220
 ARTESI C *see* PISANI F *et al*
 ARTIEDA J *see* VAAMONDE J *et al*
 ARTRU F *see* GARCIA-LARREA L *et al*
 ASH L R: Angiostrongylus cantonensis: *matters arising*, 861
 ASHBY P *see* BROUWER B *et al*
 ASHE J, BOREL C O, HART G, HUMPHREY R L, DERRICK D A, KUNCL R W: Amyloid myopathy presenting with respiratory failure: *short report*, 162
 ASHIZAWA T *see* ROLAK L A *et al*
 ASHKENAZI E *see* UMANSKY F *et al*
 ASPOAS A R *et al*: Surgical outcome with arteriovenous malformations, 518 *abs*
 ASSOCIATION OF BRITISH NEUROLOGISTS: Birmingham, April 1991, proceedings, 240
 ASSOCIATION OF BRITISH NEUROLOGISTS: Meeting, London, 24-25 September 1992, proceedings, 1213
 ASSOCIATION OF BRITISH NEUROLOGISTS and the LIAISON PSYCHIATRY GROUP: Royal College of Psychiatrists, University of Sheffield, 2-3 April 1992, proceedings, 416
 ATTAL N *see* LAPLANE D *et al*
 AUGUSTIJN P, VANNESTE J: The tarsal tunnel syndrome after a proximal lesion: *short report*, 65
 AUSTIN M C *see* NEWTON M R *et al*
 AVANZINI G *see* SCAIOLI V *et al*
 AVEZAAT C J J *see* LAMBERTS S W J *et al*
- B**
 BADENHORST M E *see* ISAACS H and BADENHORST M E
 BADVE S *see* TAN V *et al*
 BAFNA M *see* WADIA R S *et al*
 BAILEY I C, MATHEW B G: Arterio-venous malformation of the transverse dural venous sinus, 77 *abs*
 BAIN P G, HARWOOD G, HOLDER G E, EVANS B M: The differentiation of peripheral effector neuron failure from acute brain stem dysfunction in a critically ill patient, 68
 BAKER A *see* PANAYIOTOPOULOS C P *et al*
 BAKER M: The role of the voluntary sector: pump primer or pit prop? 45 *suppl.*
 BAL P *see* PAQUIER P *et al*
 BALLINGER W E *see* RUSSO L S *et al*
 BAMFORD C R *see* SIBLEY W A *et al*
 BAMFORD J *see* COLEMAN R J *et al*
 BANERJEE T K *et al*: Lumbosacral motor root lesion: a study with magnetic stimulation, 419 *abs*
 BARAT M *see* LAGUENY A *et al*
 BARER D H *see* GLADMAN J R F *et al*
 BARKER C S *see* JOBST K A *et al*
 BARKER R: Neuropathological features of Alzheimer's disease in non-demented Parkinsonian patients: *matters arising*, 525
 BARKHOF F *see* MILLER D H *et al*
 SCHELTENS Ph *et al*
 BARNARD R O *see* QUINN N *et al*
 BARNES D, McDONALD W I: The ocular manifestations of multiple sclerosis. 2. Abnormalities of eye movements: *review*, 863
see also McDONALD W I and BARNES D
 BARNES E A *see* ORNADEL D *et al*
 BARNES G R *see* WATERSTON J A *et al*
 BARON J C, LEVASSEUR M, MAZOYER B, LEGAULT-DEMARE F, MAUGUIERE F, PAPPATA S, JEDYNACK P, DEROME P, CAMBIER J, TRAN-DINH S, CAMBON H: Thalamocortical diaschisis: positron emission tomography in humans, 935
 BARTOLI D *see* PELLETIER J *et al*
 BASS A E *see* MITTENBERG W *et al*
 BATES D: Defining prognosis in medical coma: *matters arising*, 523
 BAUMANN N *see* LÉGER J M *et al*
 BEALE D J *see* GUTOWSKI N J *et al*
 BEALE G *see* RUSSO L S *et al*
 BECK N *see* PULLICINO P and BECK N
 BECK R *et al*: Neurological and genitourinary dysfunction in multiple system atrophy, 1214 *abs*
 BECKER J T, LOPEZ O L, WESS J: Material-specific memory loss in probable Alzheimer's disease, 1177
 BECKER W J *see* BOORMAN G *et al*
 BENCH C J *see* DOLAN R J *et al*
 BENDALL P *see* DENNIS M S *et al*
 BENSON D F *see* ETTLIN T M *et al*
 BERCIANO J *see* COMBARROS O *et al*
 PASCUAL J *et al*
 BERENT S *see* FOSTER N L *et al*
 BERETTA S *see* JANN S *et al*
 BERGER H J C *see* HORSTINK M W I M *et al*
 BERGMANS P L M *see* KUIPER M A *et al*
 BERKOVIC S F *see* JACKSON G D and BERKOVIC S F
 NEWTON M R *et al*
 BERLIN G *see* ERNERUDH J H *et al*
 BERRY I *see* MILLER D H *et al*
 BERTINI E *see* LEUZZI V *et al*
 BERTRAND O *see* GARCIA-LARREA L *et al*
 BHATIA K, THOMPSON P D, MARSDEN C D: "Isolated" post-infectious myoclonus: *short report*, 1089
 BHATIA R *see* SOOD S *et al*
 BHATTACHARJEE M B, WROE S J, HARDING B N, POWELL M: Sinus histiocytosis with massive lymphadenopathy - isolated suprasellar involvement: *short report*, 156
 BHIGJEE A I, BILL P L A, HAMMOND M G, WINDSOR I M: HLA profile and HTLV-I associated myelopathy (HAM/TSP) in Natal, South Africa: *correspondence*, 329
 BIGGINS C A, BOYD J L, HARROP F M, MADELEY P, MINDHAM R H S, RANDALL J I, SPOKES E G S: A controlled, longitudinal study of dementia in Parkinson's disease, 566
 BIGGINS C A *et al*: A controlled, longitudinal study of dementia in Parkinson's disease, 418 *abs*
 BILL P L A *see* BHIGJEE A I *et al*
 BILLE-BRAHE U *see* STENAGER E N *et al*
 BILO L *see* STRIANO S *et al*
 BINDER H *see* ODER W *et al*
 BINDOFF L A *et al*: Abnormal RNA processing associated with a novel tRNA mutation in mitochondrial DNA, 1214 *abs*
 BINNIE C D, MACGILLIVRAY B B: Brain mapping - a useful tool or a dangerous toy: *editorial*, 527
 BLADIN P F *see* NEWTON M R *et al*
 BLUMBERGS P C *see* PANEGYRES P K *et al*
 BOCCARDI E *see* LANDI G *et al*
 BOGICEVIC D *see* GOUTIERES F *et al*
 BOGOUSLAVSKY J, MARTIN R, MOULIN T: Homolateral ataxia and crural paresis: a syndrome of anterior cerebral artery territory infarction, 1146
see also MELO T P and BOGOUSLAVSKY J
 BOHANNON R W: Hand-held myometry: *matters arising*, 982
 BOHNEN N, TWIJNSTR A, WIJNEN G, JOLLES J: Recovery from visual and acoustic hyperaesthesia after mild head injury in relation to patterns of behavioural dysfunction: *short report*, 222

- BOITEN J *see* LODDER J *et al*
 BOLTON A K *see* LIU GT *et al*
 BOLTON C F *see* FEASBY T E *et al*
 BONE I *see* CRUICKSHANK G S *et al*
 BONIFACE S J, MILLS K R: Suppression of motor neuron firing by transcranial magnetic stimulation in a patient with multiple sclerosis: *correspondence*, 738
 BONNET A M *see* MARCONI R *et al*
 BOOGERD W, VAN DER SANDE J J, KRÖGER R: Early diagnosis and treatment of spinal epidural metastasis in breast cancer: a prospective study, 1188
BOOK REVIEWS
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 GROSSMAN R G, HAMILTON W J, *editors*: Principles of neurosurgery, 1991, 337
 GUTIN P H, LEIBEL S A, SHELIN G E, *editors*: Radiation injury to the nervous system, 1991, 87
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 HOPKINS D: Nerve endings and mitochondria missing links, 1991, 338
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 SCHURR P H: Benjamin's son: Benjamin Archer Kent MD (1808-1864), 1991, 336
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 Part 2 GASANOV *et al*/FIRSOV *et al*, *editors*: Relay functions of hippocampal monoamines in acquired and inborn forms of behavior. Physiological mechanisms of complex behavior in anthropoids, 1991, 1102
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 TORRENS M J, DICKSON R A, *editors*: Operative spinal surgery. Practice of Surgery Series, 1991, 426
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- BOORMAN G, BECKER W J, MORRICE B-L, LEE R G: Modulation of the soleus H-reflex during pedalling in normal humans and in patients with spinal spasticity, 1150
- BOREL C O *see* ASHE J *et al*
- BOTEZ M I *see* PEDRAZA O L and BOTEZ M I
- BOTTIGLIERI T *et al*: Folate homocysteine, monoamine and biopterin metabolism in depression, 419 *abs*
- Vitamin B 12 metabolism in multiple sclerosis, 1216 *abs*
- BOTTINI G, STERZI R, VALLAR G: Directional hypokinesia in spatial hemineglect: a case study, 562
- see also* GEMINIANI G and BOTTINI G
- BOUCHE P *see* LÉGER J M *et al*
- BOULDIN T W *see* PROVENZALE J and BOULDIN T W
- BOULTON A J M *see* MALIK R A *et al*
- BOUSSER M G *see* MAS J-L *et al*
- BOWEN D M, FRANCIS P T, PROCTER A W, YOUNG A B: Treatment of Alzheimer's disease: *correspondence*, 328
- BOWLER J V, PEATFIELD R C: Delusions and cyclosporine toxicity: *correspondence*, 742
- BOWLER J V *et al*: Stroke SPECT and the ischaemic penumbra, 420 *abs*
- BOWSHER D: Disturbances of C-fibre-mediated sensibility in lumbosacral disc disease: *matters arising*, 1222
- see also* CHAN A W *et al*; LAHUERTA J *et al*
- BOYD J L *see* BIGGINS C A *et al*
- BRAAKMAN R *see* LAMBERTS S W J *et al*
- BRADLEY E L *see* SUNDERLAND A *et al*
- BRADLEY L *et al*: Recovery of arm function following a stroke: a randomised controlled trial, 423 *abs*
- BRADSHAW J A *see* JONES D L *et al*
- BRADSHAW J L *see* JONES D L *et al*
- BRASIL-NETO J P, PASCUAL-LEONE A, VALLS-SOLÉ J, COHEN L G, HALLETT M: Focal transcranial magnetic stimulation and response bias in a forced-choice task, 964
- BRITISH AND AMERICAN NEUROPSYCHIATRY ASSOCIATIONS: Proceedings of the joint summer meeting, 12-14 July 1992, Oxford, 1098
- BRITTON J A *see* FILLER A G *et al*
- BRITTON K E *see* NEWTON M R *et al*
- BROCK P *see* CASTEELS-VAN DAELE M *et al*
- BROCKBANK K *see* JOBST K A *et al*
- BRØNNUM-HANSEN H *see* STENAGER E N *et al*
- BRONSTEIN A M *see* FRANCIS D A *et al*
- BROOKS D J *see* SALMON E and BROOKS D J
- BROSNAHAN D, McFADZEAN R M, TEASDALE E: Neuro-ophthalmic features of carotid cavernous fistulas and their treatment by endoarterial balloon embolisation, 553
- BROUSSOLLE E, TOMMASI M, MAUGUIÈRE F, CHAZOT G: Progressive anarthria with secondary Parkinsonism: a clinico-pathological case report, 577
- BROUWER B, BUGARESTI J, ASHBY P: Changes in corticospinal facilitation of lower limb spinal motor neurons after spinal cord lesions, 20
- BROWN J *et al*: Genetic linkage of familial Alzheimer's disease to the amyloid precursor protein locus on chromosome 21, 242 *abs*
- BROWN N N *see* McCOMBE P A *et al*
- BROWN P *see* KAPOOR R *et al*
- BROWN R G *see* DOLAN R J *et al*
- JAHANSHAHI M *et al*
- SOLIVERI P *et al*
- BROWN S, O'DRISCOLL K, VAUGHAN M, SNOWDEN J S, PEARSON N A, NEARY D: Subcortical dementia in chronic temporal lobe epilepsy, 241 *abs*
- BROWN W F *see* FEASBY T E *et al*
- BRUN J M *see* VERGES B *et al*
- BRUNET P *see* LÉGER J M *et al*
- BUCHNER H *see* FERBERT A *et al*
- BUDKA H *see* HAINFELLNER J A *et al*
- BUGARESTI J *see* BROUWER B *et al*
- BULENS C *see* KOUDSTAAL P J *et al*
- BURKHARDT D, SCHIPPER H I, KABOTH U, FELGENHAUER K: IGA producing primary intracerebral lymphoma: *short report*, 623
- BURN D J *et al*: Parkinson's disease in twins studied with 18F-dopa and positron emission tomography, 419 *abs*
- BURN J P *see* HALLIGAN P W *et al*
- BUXTON P *see* LAHUERTA J *et al*
- BYRNE E J *see* DENNIS M S *et al*
- BYRNE P, CLOUGH C: Hypochromia iridis in acquired Horner's syndrome: *correspondence*, 413
- BYRNE P O, WILLIAMS B N: Hindbrain hernia: presentation, management and outcome. 514 *abs*
- BYRNE P O *et al*: A combined surgical approach for radical excision of sacrococcygeal tumours. A report of four recent cases, 81 *abs*
- An analysis of British neurosurgical practice in the management of chronic subdural haematoma, 519 *abs*
- C
- CABELLO A *see* ARIAS M *et al*
- RUBIO G *et al*
- CABRERA F *see* GARCIA-ALBEA E *et al*
- CALBUCCI F *see* SALVI F *et al*
- CAMBIER J *see* BARON J C *et al*
- CAMBON H *see* BARON J C *et al*
- CAMMARATA S *see* PARODI C-I *et al*
- CAMPBELL J A *see* CHAN A W *et al*
- CANANZI A R *see* D'ANDREA G *et al*
- CANO J *see* COMBARROS O *et al*
- CANO J F *see* ROQUER J and CANO J F
- CARBOTTE R M, DENBURG S D, DENBURG J A, NAHMIA S, GARNETT E S: Fluctuating cognitive abnormalities and cerebral glucose metabolism in neuropsychiatric systemic lupus erythematosus, 1054
- CARLIN J *see* KIERS L *et al*
- CARROLL M J *see* NEWTON M R *et al*
- CARÚS M E M, ANCIONES B, CASTRO A, LARA M, ISLA A: Intramedullary spinal cord abscess: *short report*, 225
- CARVALHO M, ALVES M, LUIS M L S: Octreotide - a new treatment for diarrhoea in familial amyloidotic polyneuropathy: *correspondence*, 860
- CASTEELS-VAN DAELE M, WIJNDAELE L, BROCK P, KRUGER M, GILLIS Ph: Aseptic meningitis associated with high dose intravenous immunoglobulin therapy: *matters arising*, 980
- CASTRO A *see* CARÚS M E M *et al*
- CELLA E *see* LANDI G *et al*
- CESARO P *see* ZUBER M *et al*
- CHADWICK D W *see* FOY P M *et al*
- HUTTON J L *et al*
- SMITH D F *et al*
- CHALK J B *see* McCOMBE P A *et al*
- CHAMBERS I R *see* KANE P J *et al*
- CHAN A W, MacFARLANE I A, BOWSHER D, CAMPBELL J A: Weighted needle prick sensory thresholds: a simple test of sensory function in diabetic peripheral neuropathy, 56
- CHAN K *et al*: The value of monitoring transcranial Doppler and jugular bulb oxygen saturation during intracranial pressure therapy after severe brain injury, 519 *abs*
- CHAN K-H, MILLER J D, DEARDEN N M: Intracranial blood flow velocity after head injury: relationship to severity of injury, time, neurological status and outcome, 787
- CHAN K H *et al*: Increased intracranial blood flow velocity after severe brain injury: a transcranial Doppler study, 78 *abs*
- CHANY W *see* LEUNG C M *et al*
- CHANCELLOR A M, WARLOW C P: Adult onset motor neuron disease: worldwide mortality, incidence and distribution since 1950., 1106
- CHANCELLOR A M *et al*: Risk factors for motor neuron disease: a population based case control study, 1216 *abs*
- CHANDER S *see* SINGHAL S *et al*
- CHANDY M J *see* LAL A P and CHANDY M J
- CHANG C M *see* LEUNG C M *et al*
- CHANG M-H, LIAO K-K, WU Z-A, LIN K-P: Reversible myeloneuropathy resulting from podophyllin intoxication: an electrophysiological follow up: *correspondence*, 235
- CHARLES N, FROMENT C, RODE G, VIGHETTO A, TURJMAN F, TRILLET M, AIMARD G: Vertigo and upside down vision due to an infarct in the territory of the medial branch of the posterior inferior cerebellar artery caused by dissection of a vertebral artery, 188
- CHARLESWORTH M *see* NEWTON M R *et al*
- CHASE T N *see* MANN U M *et al*
- CHATAWAY J *et al*: Discontinuation of clonazepam in patients with active epilepsy, 1216 *abs*
- CHAUDHRY V *see* FREIMER M L *et al*
- CHAVDA S V *see* KENNY B G *et al*
- CHAZOT G *see* BROUSSOLLE E *et al*
- CHEN C N *see* LEUNG C M *et al*
- CHEN J W, HOI SANG U, GRAFE M R: Unsuspected meningioma presenting as a subdural haematoma: *correspondence*, 167
- CHEVALIER Y *see* TRANCHANT C *et al*
- CHEVALLIER B *see* TRANIER S *et al*
- CHIBA S *see* MOTOI Y *et al*
- CHOKSEY M S *et al*: Continuous post-operative monitoring of cerebral blood flow using thermal clearance, as predictor of cortical ischaemia, 78 *abs*
- CHOLLET F M *see* DI PIERO V *et al*
- CHRONI E, PANAYIOTOPOULOS C P: F-tacheodispersion: a new neurophysiological method. II. Patients with neuropathies and radiculopathies, 422 *abs*
- see also* GRUNEWALD RA *et al*; PANAYIOTOPOULOS C P *et al*
- CHURCHYARD A, KHANGURE M, GRAINGER K: Cerebral cavernous angioma: a potentially benign condition? Successful treatment in 16 cases, 1040
- CIPOLOTTI L *see* SEMENZA C *et al*
- CIUDAD J *see* PASCUAL J *et al*

- CLARK K *see* SIBLEY W A *et al*
 CLARKE C E: Mortality from Parkinson's disease in England and Wales 1921-89, 422 *abs*
 HOLDER D S, CURRIE S, STONE J: Cerebral localisation in articulatory dyspraxia: *correspondence*, 168
 CLAVERIA L E *see* CORIA F *et al*
 CLAVERIE B *see* ROUGIER A *et al*
 CLAYTON C B *see* KANE P J *et al*
 CLEEVES L *see* MOSSMAN S *et al*
 CLOUGH C *see* BYRNE P and CLOUGH C
 COCHUIS J I, HYMAN N, ESIRI M M: Creutzfeldt-Jakob disease in a recipient of human pituitary-derived gonadotrophin: a second case: *short report*, 1094
 COELHO A *see* EAGGER S *et al*
 COHADON F *see* ROUGIER A *et al*
 COHEN L G *see* BRASIL-NETO J P *et al*
 COHEN M, OKSENBERG A, SNIR D, STERN M J, GROSWASSER Z: Temporally related changes of sleep complaints in traumatic brain injured patients: *short report*, 313
 COLEMAN R J, BAMFORD J, on behalf of UK TIA ASPIRIN STUDY GROUP: Tumours that mimic cerebral ischaemia, 243 *abs*
 COLLELUORI A *see* GRASSO M G *et al*
 COLLINGE J *et al*: Diagnostic and pre-symptomatic testing in prion diseases, 242 *abs*
 COLOSIMO C *see* HUGHES A J *et al*
 COMBARROS O, DIEZ C, CANO J, BERCIAÑO J: Ataxic hemiparesis with cheiro-oral syndrome in capsular infarction: *correspondence*, 859
 COMMENGES D *see* ROUGIER A *et al*
 COMPSTON D A S *see* CONFAYREUX C *et al*
 CONFAYREUX C, COMPSTON D A S, HOMMES O R, McDONALD W I, THOMPSON A J: EDMUS, a European database for multiple sclerosis, 671
 CONNOLLY S *see* McALLISTER R J *et al*
 CONTANT C F *see* ROBERTSON C S *et al*
 COOK M *et al*: Volumetric MRI may help distinguish temporal and extratemporal epilepsies, 416 *abs*
 COOK M J *et al*: Hippocampal volumetric studies and surgical treatment of temporal lobe epilepsy, 521 *abs*
 COOK S *see* KANE P J *et al*
 COOKE L B *see* JANCAR J and COOKE L B
 COOPER J A *et al*: Bradyphrenia in Parkinson's disease, 241 *abs*
see also JORDAN N *et al*
 COPPEN M *see* TAN V *et al*
 CORBIN D *see* HENNIS A *et al*
 CORIA F, CLAVERIA L E, JIMENEZ-JIMENEZ F J, DE SEIJAS E V: Episodic paroxysmal hemiparesis responsive to calcium channel blockers: *correspondence*, 166
 CORNBLATH D R *see* FREIMER M L *et al*
 COSTA D C *see* RING H A *et al*
 COSTA L *see* FREEDMAN L and COSTA L
 COURT J *see* VALENZUELA R *et al*
 CRABBE D C G, MENDELOW A D, PHAROH P, LARGE D M, IONS G K: Cervical spinal extradural haematoma causing a transient Brown-Sequard syndrome: *correspondence*, 239
 CRAS P *see* PAQUIER P *et al*
 CRETEN W *see* PAQUIER P *et al*
 CROCKARD A *see* KAPOOR R *et al*
 CRUICKSHANK G S
 DUNCAN R, HADLEY D M, BONE I: Intrinsic spinal cord haemorrhage due to streptokinase treatment for myocardial infarction: *correspondence*, 740
 TEASDALE G M: The treatment of ACTH secreting pituitary adenomata by transphenoidal surgery, 513 *abs*
 CRUICKSHANK J K *see* RUDGE P *et al*
 CURATOLA L *see* ONOFRI J M *et al*
 CURRIE S *see* CLARKE C E *et al*
- D
 DAHLITZ M J *see* ALVAREZ B *et al*
 DAL POZZO G *see* SALVI F *et al*
 DALGLEISH A G *see* DE QUEIROS-CAMPOS ARAUJO A *et al*
 DALTON A E *see* KENNY B G *et al*
 D'AMATO C *see* FOSTER N L *et al*
 D'ANDREA G, CANANZI A R, MORRA M, MARTIGNONI E, FORNASIERO S, ZAMBERLAN F, GRUNFELD S, WELCH K M A: Platelet catecholamines in cluster headache: *short report*, 308
 DANIEL S E *see* HUGHES A J *et al*
 DANON F *see* LÉGER J M *et al*
 DARTIGUES J-F *see* ROUGIER A *et al*
 DASKALOPOULOS C *see* PANAYIOTOPOULOS C P *et al*
 DAVIDSON D L W, O'SULLIVAN A F, MORLEY K D: HLA antigens in familial Guillain-Barre syndrome: *correspondence*, 508
 DAVIE C, KENNEDY P, KATIFI H A: Seventh nerve palsy as a false localising sign: *correspondence*, 510
 DAVIES K N, HUMPHREY P R D: Complications of cerebral angiography in patients with symptomatic carotid territory ischaemia screened by carotid ultrasound, 1215 *abs*
 DAVIES P T G *et al*: Cerebral blood flow in migraine using 99m-Tc-HMPAO and SPET: visual and computerised image analysis, 244 *abs*
 DAVIES R A *see* EAGGER S *et al*
 DAVIS C: Meningiomas, hormone therapy is an alternative to surgery, 515 *abs*
 DAVIS S M *see* KIERS L *et al*
 DAVOREN P M, EPSTEIN M T: Insulinoma complicating tuberous sclerosis: *correspondence*, 1209
 DE BILLY A *see* LAPLANE D *et al*
 DE GRANDIS D *see* POLO A *et al*
 DE JAGER A E J *see* VAN DEN BERG L H *et al*
 DE JONG F H *see* LAMBERTS S W J *et al*
 DE JONG H J *see* VAN DEN BERG L H *et al*
 DE NEGRI A M *see* LEUZZI V *et al*
 DE QUEIROS-CAMPOS ARAUJO A, ALI A, NEWELL A, DALGLEISH A G, RUDGE P: HTLV-I infection and neurological disease in Rio de Janeiro: *short report*, 153
 DE S *see* SINGHAL S *et al*
 DE SEIJAS E V *see* CORIA F *et al*
 DE SMET Y D: Cerebral localisations in articulatory dyspraxias: *matters arising*, 1220
 DE TOFFOL B *see* GAYMARD B *et al*
 DEAN G, ELIAN M: Aetiology of multiple sclerosis: the Asian, Caribbean and Mediterranean evidence, 242 *abs*
 DEARDEN N M *see* CHAN K-H *et al*
 DEECKE L *see* ODER W *et al*
 DEFER G *see* ZUBER M *et al*
 DEGOS J-D *see* ZUBER M *et al*
 DEL BRUTTO O H: Cysticercosis and cerebrovascular disease: a review, 252
 DELEU D: Mouse-directed computers and ulnar sensory neuropathy: *correspondence*, 232
 DELIA S *see* MASTROIANNI C M *et al*
 DENBURG J A *see* CARBOTTE R M *et al*
 DENBURG S D *see* CARBOTTE R M *et al*
 DENES G *see* SEMENZA C *et al*
 DENNIS M, WARLOW C: Migraine aura without headache: transient ischaemic attack or not?, 437
 DENNIS M S, BYRNE E J, HOPKINSON N, BENDALL P: Neuro-psychiatric systemic lupus erythematosus in elderly people: a case series, 1157
 DEROME P *see* BARON J C *et al*
 DERRICK D A *see* ASHE J *et al*
 DESSEIN P H *see* GLEDHILL R F and DESSEIN P H
 DESSI F, DURAND G, HOFFMANN J-J: The accessory deep peroneal nerve: a pitfall for the electromyographer: *short report*, 214
 DEVAUX B *see* RANOUX D *et al*
 DEVINSKY O *see* RAO S M *et al*
 D'HOOGHE M: Probable cases of Mast syndrome in a non-Amish family: *correspondence*, 1210
 DI PERI R *see* PISANI F *et al*
 DI PIERO V, CHOLLET F M, MacCARTHY P, LENZI G L, FRACKOWIAK R S J: Motor recovery after acute ischaemic stroke: a metabolic study, 990
 DICK D J *see* ORNADEL D *et al*
 DIEZ C *see* COMBARROS O *et al*
 DIGIULIO D V *see* MITTENBERG W *et al*
 DIGON A
 GOICOECHEA A, MORAZA M J: Chronic fatigue syndrome: *matters arising*, 85
 GOICOECHEA A, MORAZA M J: Neurological audit in Vitoria, Spain: *correspondence*, 507
 DINAKAR I *see* PUROHIT A K *et al*
 DIXIT S *see* SINGHAL S *et al*
 DOH-URA K *see* TRANCHANT C *et al*
 DOLAN R J, BENCH C J, BROWN R G, SCOTT L C, FRISTON K J, FRACKOWIAK R S J: Regional cerebral blood flow abnormalities in depressed patients with cognitive impairment, 768
 DOLKE G *see* NEWTON M R *et al*
 DOODY R S, JANKOVIC J: The alien hand and related signs, 806
 DORMONT D *see* LÉGER J M *et al*
 DOTY R L, STERN M B, PFEIFFER C, GOLLOMP S M, HURTIG H I: Bilateral olfactory dysfunction in early stage treated and untreated idiopathic Parkinson's disease, 138
 DOWNES J *et al*: The programming of speech movements in Parkinson's disease, 241 *abs*
 DRLICEK M *see* LINDNER K *et al*
 DROOGAN A G *et al*: Combined clinical and laboratory audit of immunochemical assays in suspected multiple sclerosis, 420 *abs*
 DU BOULAY E P G H *see* FRANCIS D A *et al*
 DUBOIS B *see* LAPLANE D *et al*
 DUNCAN J S, SANDER J W A S: Quantification of seizure activity, 241 *abs*
see also PREVETT M *et al*

- DUNCAN R *see* CRUICKSHANK G S *et al*
 DURAND G *see* DESSI F *et al*
 DUREY A *see* TRANIER S *et al*
 DURRANCE P *see* McALLISTER R J *et al*
 DUTCH TIA STUDY GROUP *see* KOUDSTAAL P J *et al*
- E**
 EAGGER S, LUXON L M, DAVIES R A, COELHO A, RON M A: Psychiatric morbidity in patients with peripheral vestibular disorder: a clinical and neuro-otological study, 383
see also O'BRIEN J T *et al*
 EAMES P: Hysteria following brain injury, 1046
 EBERS G C *see* HAMMOND R R and EBERS G C
 EDSTRÖM L, LARSSON H, LARSSON L: Neurogenic effects on the palatopharyngeal muscle in patients with obstructive sleep apnoea: a muscle biopsy study, 916
 EDWARDS A *see* HOLMES A H *et al*
 EGGERT H R *see* NEUMANN H P H *et al*
 EISENBERG H M *see* LEVIN H S *et al*
 EKSTEDT J *see* KRISTENSEN B *et al*
 EL-SHUNNAR K: Should the neurosurgeon wear protective glasses? 80 *abs*
 ELDRIDGE P R *et al*: Influence of surface coating on adherence of bacteria to shunts, 517 *abs*
 ELL P J *see* RING H A *et al*
 ELLIE E *see* LAGUENY A *et al*
 ELLIS C J, KATIFI H, WELLER R O: A further British case of growth hormone induced Creutzfeldt-Jakob disease: *short report*, 1200
 ELSTON J S: A new variant of blepharospasm, 369
 ENCABO H *see* NOGUÉS M A *et al*
 ENEVOLDSON T P, HARDING A E: Improvement in the POEMS syndrome after administration of tamoxifen: *correspondence*, 71
see also GRUNEWALD R A *et al*; PREVETT M *et al*
 EPSTEIN M T *see* DAVOREN P M and EPSTEIN M T
 ERNERUDH J H, VRETHEM M, ANDERSEN O, LINDBERG C, BERLIN G: Immunochemical and clinical effects of immunosuppressive treatment in monoclonal IgM neuropathy, 930
 ESIRI M *see* HOLMES A H *et al*
 ESIRI M M *see* COCHUIS J I *et al*
 ESKOLA K *see* FOGELHOLM R *et al*
 ESSINK A W G *see* VAN LAAR T *et al*
 ETTLIN T M, KISCHKA U, REICHMANN S, RADII E W, HEIM S, WENGEN D, BENSON D F: Cerebral symptoms after whiplash injury of the neck: a prospective clinical and neuropsychological study of whiplash injury, 943
 EUROPEAN CGRP IN SUBARACHNOID HAEMORRHAGE STUDY GROUP: Effect of calcitonin gene related peptide on outcome after aneurysmal subarachnoid haemorrhage, 517 *abs*
 EVANS B M *see* BAIN P G *et al*
 EVANS J, SOBOTA W L: The neuropsychological sequelae of attempted hanging: *matters arising*, 522
- F**
 FANTIN A *see* LUCO C *et al*
 FARIELLO G *see* FUSCO L *et al*
 FAULL R J *see* PANEGYRES P K *et al*
 FAZIO A *see* PISANI F *et al*
 FEASBY T E, HAHN A F, BOLTON C F, BROWN W F, KOOPMAN W J: Detection of hereditary motor sensory neuropathy type I in childhood, 895
 FEINSTEIN A, KARTSOUNIS L D, MILLER D H, YOUL B D, RON M A: Clinically isolated lesions of the type seen in multiple sclerosis: a cognitive, psychiatric, and MRI follow up study, 869
see also RON M A and FEINSTEIN A
 FELGENHAUER K *see* BURKHARDT D *et al*
 FELICE K J, SCHNEEBaum A B, JONES H R: McArdle's disease with late-onset symptoms: case report and review of the literature, 407
 FELL M *see* McALLISTER R J *et al*
 FENGER K *see* HASSELBALCH S G *et al*
 FERBERT A
 THRON A: MRI lesions in younger healthy adults: *matters arising*, 246
 VIELHABER S, MEINCKE U, BUCHNER H: Transcranial magnetic stimulation in pontine infarction: correlation to degree of paresis, 294
 FERRACCI F *see* ONOFRJ M *et al*
 FERRACCIOLI G *see* GEMIGNANI F *et al*
 FERRACUTI S *see* FUSCO L *et al*
 FESTENSTEIN R *see* HOWARD R S *et al*
 FÈVE A P, SMADJA D, RANCUREL G, LÉGER J M: Chronic inflammatory polyneuropathy associated with nephropathy and anti-factor VIII antibody: improvement with intravenous immunoglobulin: *correspondence*, 975
 FILLER A G, BRITTON J A, UTTLEY D, MARSH H T: Acute paraplegia as an extreme presentation of adult tethered cord syndrome in a post-myelomeningocele patient, 81 *abs*
- FILLER A G *et al*: Imaging of axonal transport: is the axoplasmic flow clinically relevant? 515 *abs*
 FINDLAY G, ELDRIDGE P: Total thoracic vertebrectomy for primary malignant disease by posterior approach - a case report, 513 *abs*
 FINDLEY L *see* MOSSMAN S *et al*
 FIOCCHI A *see* GEMIGNANI F *et al*
 PAVESI G *et al*
 FISCHER E G: Brainstem decompensation in patients with Chiari deformities and the relationship to CSF volume, 514 *abs*
 FLETCHER D *see* SUNDERLAND A *et al*
 FLETCHER N A, FOLEY J: Genetic mutation in cerebral palsy, 1216 *abs*
 FOGELHOLM R
 ESKOLA K, KIMINKINEN T, KUNNAMO I: Anticoagulant treatment as a risk factor for primary intracerebral haemorrhage, 1121
 NUUTILA M, VUORELA A-L: Primary intracerebral haemorrhage in the Jyväskylä region, Central Finland, 1985-89: incidence, case fatality rate, and functional outcome, 546
 FORNASIERO S *see* D'ANDREA G *et al*
 FOSTER N L, GILMAN S, BERENT S, SIMA A A F, D'AMATO C, KOEPE R A, HICKS S P: Progressive subcortical gliosis and progressive supranuclear palsy can have similar clinical and PET abnormalities, 707
 FOWLER C J, VAN KERREBROECK Ph E V, NORDENBO A, VAN POPPEL H: Treatment of lower urinary tract dysfunction in patients with multiple sclerosis: *review*, 986
see also McALLISTER R J *et al*
 FOY P M, CHADWICK D W, RAJGOPALAN N, JOHNSON A L, SHAW M D M: Do prophylactic anticonvulsant drugs alter the pattern of seizures after craniotomy? 753
see also HUTTON J L *et al*; SMITH D F *et al*
 FRACKOWIAK R S J *see* DI PIERO V *et al*
 DOLAN R J *et al*
 FRANCIS D A, BRONSTEIN A M, RUDGE P, DDU BOULAY E P G H: The site of brainstem lesions causing semicircular canal paresis: an MRI study, 446
 FRANCIS P T *see* BOWEN D M *et al*
 FRANKE C L, VAN SWIETEN J C, ALGRA A, VAN GIJN J: Prognostic factors in patients with intracerebral haematoma, 653
see also KOUDSTAAL P J *et al*
 FRASER H *see* HENNIS A *et al*
 SWINGLER R J *et al*
 FRASER M B *see* MUMFORD C J *et al*
 FREEDMAN L, COSTA L: Pure alexia and right hemiachromatopsia in posterior dementia: *short report*, 500
 FREIMER M L, GLASS J D, CHAUDHRY V, TYOR W R, CORNBATH D R, GRIFFIN J W, KUNCL R W: Chronic demyelinating polyneuropathy associated with eosinophilia-myalgia syndrome, 352
 FRENKEN C W G M *see* KOUDSTAAL P J *et al*
 FREUND H-J *see* KUNESCH E *et al*
 FRISTON K J *see* DOLAN R J *et al*
 FROMENT C *see* CHARLES N *et al*
 FUJIIYAMA J *see* TOKIMURA Y *et al*
 FULGENTE T *see* ONOFRJ M *et al*
 FULLER G N, JACOBS J M, LEWIS P D, LANE R J M: Pseudoaxonal Guillain-Barre syndrome: severe demyelination mimicking axonopathy, case with pupillary involvement: *short report*, 1079
 FUSCO L, FERRACUTI S, FARIELLO G, MANFREDI M, VIGEVANO F: Hemimegalencephaly and normal intellectual development: *short report*, 720
- G**
 GALLUCCI M *see* LEUZZI V *et al*
 GARAVAGLIA B *see* LEUZZI V *et al*
 GARCIA-ALBEA E, CABRERA F, TEJEIRO J, JIMENEZ-JIMENEZ F-J, VAQUERO A: Delayed postexertional headache, intracranial hypotension and racket sports: *correspondence*, 975
 GARCIA-LARREA L, ARTRU F, BERTRAND O, PERNIER J, MAUGUIÈRE F: The combined monitoring of brain stem auditory evoked potentials and intracranial pressure in coma. A study of 57 patients, 792
 GARNETT E S *see* CARBOTTE R M *et al*
 GAUDIN O G *see* MICHEL D *et al*
 GAYMARD B, LAFITTE C, GELOT A, DE TOFFOL B: Plus-minus lid syndrome: *short report*, 846
 GEARING M *see* MANN U M *et al*
 GEGGIE C *see* ROBERTSON I H *et al*
 GELOT A *see* GAYMARD B *et al*
 GEMIGNANI F, PAVESI G, FIOCCHI A, MANGANELLI P, FERRACCIOLI G, MARBINI A: Peripheral neuropathy in essential mixed cryoglobulinaemia, 116
see also PAVESI G *et al*
 GEMIGNANI G, BOTTINI G: Mental representation and temporary recovery from unilateral neglect after vestibular stimulation: *correspondence*, 332

- GENÉ R *see* NOGUÉS M A *et al*
 GENTLEMAN D, BULLOCK R: Management of life-threatening acute intracerebral haematomas due to vascular lesions, **518 abs**
 GEORGE M S *see* RING H A *et al*
 GERBER C J
 NEIL-DWYER G: Posterior cerebral artery aneurysms—a different approach, **77 abs**
 NEIL-DWYER G, KENNEDY P: Posterior ischaemic optic neuropathy after a spontaneous extradural haematoma: *correspondence*, **630**
 GERTEL M *see* UMANSKY F *et al*
 GILLIS Ph *see* CASTEELS-VAN DAELE M *et al*
 GILMAN S *see* FOSTER N L *et al*
 GINSBERG L
 CAINE S E: Corticosteroids and the prevention of adverse reactions to myelography, **420 abs**
 COMPTON D A S: Acute encephalopathy. Ultimate diagnosis and outcome in patients admitted to a regional neurological unit, **417 abs**
see also HALL F C *et al*
 GIRLANDA P, VITA G, NICOLSI C, MILONE S, MESSINA C: Botulinum toxin therapy: distant effects on neuromuscular transmission and autonomic nervous system: *short report*, **844**
 GIROUD M *see* VERGES B *et al*
 GLADMAN J R F, HARWOOD D M J, BARER D H: Predicting the outcome of acute stroke: prospective evaluation of five multivariate models and comparison with simple methods, **347**
 GLASS J D *see* FREIMER M L *et al*
 GLEDHILL R F, DESSEIN P H: Multiple sclerosis, tropical spastic paraparesis and HTLV-I infection: *matters arising*, **525**
 GOADSBY P J *see* MOSSMAN S S and GOADSBY P J
 GODOY J *see* VALENZUELA R *et al*
 GOFFIN J *see* MEGENS J *et al*
 GOICOECHEA A *see* DIGON A *et al*
 GOKASLAN Z L *see* ROBERTSON C S *et al*
 GOLDENBERG G, ODER W, SPATT J, PODREKA I: Cerebral correlates of disturbed executive function and memory in survivors of severe closed head injury: a SPECT study, **362**
see also ODER W *et al*
 GOLLOMP S M *see* DOTY R L *et al*
 GOLNIK K C, MILLER N R: Familial recurrent cranial nerve palsy: *correspondence*, **976**
 GONDAL R *see* TAPARIA S C *et al*
 GONZALES M F J *see* KILPATRICK T J *et al*
 GOULDING P J, SCHADY W: Favourable outcome in anterior interosseous nerve lesions, **419 abs**
 GOUTIERES F, BOGICEVIC D, AICARDI J: A predominantly cervical form of spinal muscular atrophy: *matters arising*, **523**
 GRAFE M R *see* CHEN J W *et al*
 GRAFF E *see* RABEY J M *et al*
 GRAFMAN J *see* RAO S M *et al*
 GRAHAM A J, HAWKES C H: National motor neuron disease twin study: initial results, **421 abs**
 GRAINGER K *see* CHURCHYARD A *et al*
 GRASSO M G, COLLELUORI A, MILLEFIORINI E, POZZILLI C: Lack of association between macrocytosis and multiple sclerosis: *correspondence*, **1096**
 GRATTAN-SMITH P J, MORRIS J G, LANGLANDS A O: Delayed radiation necrosis of the central nervous system in patients irradiated for pituitary tumours, **949**
 GRAU J M *see* KULISEVSKY J *et al*
 GREALY M A *see* WATERSTON J A *et al*
 GREENWOOD R: Neurology and rehabilitation in the United Kingdom: a view, **51 suppl.**
 GREENWOOD R J *see* NEWTON M R *et al*
 STONE S P *et al*
 GREGORY R P, SMITH P T, RUDGE P: Tardive dyskinesia presenting as severe dysphagia: *short report*, **1203**
 GREGORY R P *et al*: Sensory nerve dysfunction in amyotrophic lateral sclerosis: a prospective neurophysiological study, **416 abs**
 GREGSON N A *et al*: Anti-nerve antibodies in chronic idiopathic demyelinating poly-radiculoneuropathy, **1214 abs**
 GRIFFIN J W *see* FREIMER M L *et al*
 GRISOLD W *see* LINDNER K *et al*
 GRÖNNING M *see* HILLERT J *et al*
 GROSSET D G *et al*: Cerebral perfusion in acute ischaemic stroke: transcranial Doppler monitoring, **243 abs**
 GROSSMAN R G *see* ROBERTSON C S *et al*
 GROSWASSER Z *see* COHEN M *et al*
 GRUNEWALD R A
 CHRONI E, PANAYIOTOPOULOS C P: Delayed diagnosis of juvenile myoclonic epilepsy: *short report*, **497**
 PANAYIOTOPOULOS C P, ENEVOLDSON T P: Late onset radiation-induced motor neuron syndrome: *correspondence*, **741**
 GRUNFELD S *see* D'ANDREA G *et al*
 GRÜNWALD R A *et al*: Delayed diagnosis of juvenile myoclonic epilepsy, **241 abs**
 GUIJO C G *see* RUBIO G *et al*
 GUINTO F C *see* LEVIN H S *et al*
 GULLAN R W *et al*: Can documentation of head injuries in accident and emergency departments be improved? Results of pilot studies using a new head injury proforma, **519 abs**
 GUTOWSKI N J, MURPHY R P, BEALE D J: Unilateral upper cervical posterior spinal artery syndrome following sneezing: *short report*, **841**
 GUTOWSKI N J *et al*: Recurrent encephalopathy in hypopituitarism, **420 abs**
 GUTRECHT J A, ZAMANI A A, PANDYA D N: Lacunar thalamic stroke with pure cerebellar and proprioceptive deficits: *short report*, **854**
 GYBELS J *see* MEGENS J *et al*
- H
 HAAS L F: Neurological stamps
 Andreas Vesalius (1514-64), **3**
 Antoni van Leeuwenhoek, 1632-1723, **251**
 Edmund Halley (1656-1742), **1115**
 Franciscus de le Boe or Sylvius, 1614-72, **727**
 Jean Nicot, 1530-1600, **430**
 Johanne Weyer (Wier), 1515-88, **346**
 Johannes Kepler, 1571-1630, **529**
 Niels Stensen (or Steno), 1648-86, **780**
 Rene Descartes, 1596-1650, **176**
 The Anatomy Lesson of Dr Joan Deyman by Rembrandt (1606-69), **908**
 The Anatomy Lesson of Dr Tulp by Rembrandt (1606-69), **1001**
 William Harvey, 1578-1657, **111**
 HABIB M H *see* PELLETIER J *et al*
 HADEISHI H *see* ISHIKAWA T *et al*
 HADLEY D M *see* CRUICKSHANK G S *et al*
 HAGEL C *see* VORTMEYER A O *et al*
 HAGEMAN G, IPPEL P F, TE NIJENHUIS F C A M: Autosomal dominant congenital Horner's syndrome in a Dutch family, **28**
 HAHN A F *see* FEASBY T E *et al*
 HAINFELLNER J A, SCHMIDBAUER M, SCHMUTZHARD E, MAIER H, BUDKA H: Devic's neuromyelitis optica and Schilder's myelinoclastic diffuse sclerosis: *short report*, **1194**
 HALL D P, YOUNG S A: Frontal lobe cerebral aneurysm rupture presenting as psychosis: *lesson of the month*, **1207**
 HALL F C, WATTS RA, GINSBERG L: Treatment of a case with pooled intravenous immunoglobulin as an alternative to immunosuppression: *matters arising*, **84**
 HALLETT M *see* BRASIL-NETO J P *et al*
 HALLIGAN P W
 BURN J P, MARSHALL J C, WADE D T: Visuo-spatial neglect: qualitative differences and laterality of cerebral lesion, **1060**
 MARSHALL J C, WADE D T: Left on the right: allochiria in a case of left visuo-spatial neglect: *short report*, **717**
see also STONE S P *et al*
 HAMMANS S R, HARDING A E: DNA-based diagnosis of mitochondrial encephalopathy, **242 abs**
 HAMMOND M G *see* BHIGJEE A I *et al*
 HAMMOND R R, EBERS G C: Chronic cough following cardiac transplantation: vagal Mitempfundung: *short report*, **723**
 HANAUER A *see* TRANCHANT C *et al*
 HANKEY G J
 SLATTERY J M, WARLOW C P: Transient ischaemic attacks: which patients are at high (and low) risk of serious vascular events?, **640**
 WARLOW C P: Cost-effective investigation of patients with suspected transient ischaemic attacks: *editorial*, **171**
 HANSON S K *see* TRIGGS W J *et al*
 HARA Y *see* UENO S and HARA Y
 HARATI Y *see* ROLAK L A *et al*
 HARDING A E *see* ENEVOLDSON T P and HARDING A E
 HARDING B N *see* BHATTACHARJEE M B *et al*
 HARKNESS W F J *et al*: Intracranial pressure monitoring in the routine assessment of patients with craniosynostosis using the Camino system, **79 abs**
 HARKNESS W, LEVESQUE M: Phase II presurgical evaluation of complex partial seizures with depth electrodes, **521 abs**
see also STAPLETON S R *et al*
 HARRISON M J G *see* McALLISTER R J *et al*
 HARROP F M *see* BIGGINS C A *et al*
 HART G *see* ASHE J *et al*
 HART Y M *et al*: Remission of seizures in a community-based study of early epilepsy, **416 abs**
 HARVEY G K, POLLARD J D: Patterns of conduction impairment in experimental allergic neuritis. An electrophysiological and histological study, **909**
 HARVEY I, RON M A: The brain in schizophrenia: *matters arising*, **522**
 HARWOOD D M J *see* GLADMAN J R F *et al*
 HARWOOD G *see* BAIN P G *et al*
 HASSELBALCH S G, ØBERG G, SØRENSEN S A, ANDERSEN A R, WALDEMAR G, SCHMIDT J F, FENGER K, PAULSON O B:

- Reduced regional cerebral blood flow in Huntington's disease studied by SPECT, 1018
- HATANAKA H *et al*: Current status of boron neutron capture therapy (BNCT) for intracranial tumors, 513 *abs*
- HAWKES C H: Endorphins: the basis of pleasure: *editorial*, 247
- Expert system design using Level 5 Object: an example based on motor neuron disease, 421 *abs*
- Familial paroxysmal ataxia: report of a family, 212, 242 *abs*
- Using "smart handles" to make a rapid neurological diagnosis, 421 *abs*
- BUTCHER P: Case-control study of glioma in East Anglia, 421 *abs*
- FOX A J: Changes in occupational mortality in motor neuron disease, 420 *abs*
- FOX A J: Cohort analysis in motor neuron disease, 421 *abs*
- GRAHAM A J: The UK motor neuron disease twin study—a new technique and preliminary results, 244 *abs*
- SHEPHERD B C: Is Parkinson's disease a primary olfactory disorder? 421 *abs*
- THOMAS P K: Neuropathy in Madelung's syndrome: two cases with unusual features, 1217 *abs*
- THORPE J W: Acute polyneuropathy due to lightning injury: *short report*, 388
- HAWKES C H *et al*: Iso-electric focusing of IgG in aqueous humour in multiple sclerosis, 420 *abs*
- Olfactory dysfunction in Parkinson's disease: new evidence from identification tests, evoked potentials and olfactory bulb pathology, 1216 *abs*
- The olfactory evoked response and evidence of disordered olfaction in multiple sclerosis, 243 *abs*
- HAWKINS C P *et al*: HIV infection: pathological findings correlated with MRI, 418 *abs*
- Towards the mechanism of blood-brain barrier breakdown in inflammatory demyelination, 417 *abs*
- HAY R *see* TAN V *et al*
- HAYASHI H *see* KAWATA A *et al*
- YOKOTA T *et al*
- HAYWARD R *et al*: The good, the bad, and the ugly: treatment strategies in the management of craniopharyngioma, 513 *abs*
- HEALD A *et al*: Comparison of electromagnetic stimulation of the brain and CT scans in predicting functional outcome after stroke, 418 *abs*
- HEIM S *see* ETTLIN T M *et al*
- HEIMANS J J *see* TAPHOORN M J B *et al*
- HEINEN F *et al*: Psychosocial effects of spasmodic torticollis, 422 *abs*
- HELPS B-A *see* ROSS-RUSSELL R I and HELPS B-A
- HENNIS A, CORBIN D, FRASER H: Focal seizures and non-ketotic hyperglycaemia, 195
- HERMANN B P, WYLER A R, SOMES G: Preoperative psychological adjustment and surgical outcome are determinants of psychosocial status after anterior temporal lobectomy, 491
- HERNS M V *see* McALLISTER R J *et al*
- HESS C W *see* YING Z *et al*
- HETTMANNSPERGER U *see* NEUMANN H P H *et al*
- HEUTS-VAN RAAK L *see* LODDER J *et al*
- HEWER R L, WOOD V A: Neurology in the United Kingdom. I: historical development, 2 *suppl*.; II: a study of current neurological services for adults, 8 *suppl*.
- HEYWOOD P *et al*: A case of obstructive sleep apnoea after medial medullary infarction, 1217 *abs*
- Sleep apnoea in patients with caudal brainstem lesions, 1217 *abs*
- Unilateral medullary lesions can depress CO₂ sensitivity and minimally affect respiration in human subjects, 1217 *abs*
- HICKS S P *see* FOSTER N L *et al*
- HIGH W M *see* LEVIN H S *et al*
- HIJRA A *see* KOUDSTAAL P J *et al*
- HILLERT J, GRÖNNING M, NYLAND H, LINK H, OLERUP O: An immunogenetic heterogeneity in multiple sclerosis, 887
- HINSE P, THIE A: Extracranial vertebral artery dissection: *matters arising*, 979
- HIRAI S *see* TANAKA M *et al*
- HIROSE K *see* YOKOTA T *et al*
- HITCHCOCK E R *see* KENNY B G *et al*
- HITZENBERGER P *see* LINDNER K *et al*
- HJORTH R J *see* KILPATRICK T J *et al*
- HOBART J *et al*: The neurological manifestations of protein C, protein S and anti-thrombin III deficiency, 418 *abs*
- HODGES J R *et al*: Semantic dementia: fluent aphasia with temporal lobe atrophy, 418 *abs*
- HOFFMANN J-J *see* DESSI F *et al*
- HOI SANG U *see* CHEN J W *et al*
- HOLDER D S *see* CLARKE C E *et al*
- HOLDER G E *see* BAIN P G *et al*
- HOLLARD L, WARD C D: Conversational dynamics in Parkinson's disease, 422 *abs*
- HOLMES A H, ESIRI M, MORRIS C S, EDWARDS A: Central pontine myelinolysis in a patient with AIDS: *correspondence*, 631
- HOLMES K A *see* JOBST K A *et al*
- HOMMES O R *see* CONFAYREUX C *et al*
- HONDO R G *see* JULU P O O and HONDO R G
- HONIG L S: Paroxysmal kinesigenic choreoathetosis: *matters arising*, 982
- HOPE R A *see* JOBST K A *et al*
- HOPF H C *see* THOMKE F *et al*
- THOMKE F and HOPF H C
- HOPKINS A: Clinical audit and neurology, 19 *suppl*.
- HOPKINSON N *see* DENNIS M S *et al*
- HOPPE A *see* LUCO C *et al*
- HOPPER J *see* KIERS L *et al*
- HORNABROOK R W *see* MILLER D H *et al*
- HORNBY J *see* SORYAL I *et al*
- HORSTINK M W I M, VAN DE VLASAKKER C J W, BERGER H J C, VINGERHOETS H M: Could midbrain "resting" tremor be caused by postural maintenance at rest: *correspondence*, 632
- HOUSE A: Emotional lability after stroke, 418 *abs*
- HOWARD M A *et al*: A magnetic stereotaxic system, 80 *abs*
- HOWARD R S, FESTENSTEIN R, MELLERS J, KARTSOUNIS L D, RON M: Transient amnesia heralding brain stem infarction: *correspondence*, 977
- HOWARD R S *et al*: Respiratory abnormalities due to atlantoaxial dislocation, 1217 *abs*
- Respiratory involvement and its management in primary disorders of muscle, 1213 *abs*
- HUGHES A J
- COLOSIMO C, KLEEDORFER B, DANIEL S E, LEES A J: The dopaminergic response in multiple system atrophy, 1009
- DANIEL S E, KILFORD L, LEES A J: Accuracy of clinical diagnosis of idiopathic Parkinson's disease: a clinico-pathological study of 100 cases, 181
- HUGHES D R, SHARPE M D, McLACHLAN R S: Control of epilepsy partialis continua and secondarily generalised status epilepticus with isoflurane: *correspondence*, 739
- HUGHES R A C: Double-masked trial of intravenous methylprednisolone in Guillain-Barre syndrome, 1214 *abs*
- HUGHES T A T *et al*: The use of electrical impedance tomography to measure pharyngeal transit time in neurogenic dysphagia, 1217 *abs*
- HUGLO D *see* SCHELTENS Ph *et al*
- HUMPHREY P R D, SHAW M D M: Non-invasive diagnosis of internal carotid artery dissections: *matters arising*, 1220
- HUMPHREY R L *see* ASHE J *et al*
- HUNEIDIA H S *et al*: Do endothelin-1 (ET-1) and human big-endothelin (b-ET) cause subarachnoid haemorrhage? 77 *abs*
- Haemodynamic functional classification of cerebral arteriovenous malformations using single photon emission tomography (SPET), 518 *abs*
- HURTIG H I *see* DOTY R L *et al*
- HUTTON J L *et al*: Development of a prognostic index for use in a trial of medical and surgical management of primary intracerebral tumours, 240 *abs*
- HUTTON J L, SMITH D F, SANDEMANN D, FOY P M, SHAW M D M, WILLIAMS I R, CHADWICK D W: Development of prognostic index for primary supratentorial intracerebral tumours, 271
- see also* SMITH D F *et al*
- HYLLESTED K *see* STENAGER E N *et al*
- HYMAN N *see* COCHIUS J I *et al*
- I
- IANSEK R *see* JONES D L *et al*
- IDIAQUEZ J: Autonomic dysfunction in diphtheritic neuropathy: *short report*, 159
- IKEDA M *see* TOKUDOME S *et al*
- IMAMURA T, YAMADORI A, TSUBURAYA K: Hypergraphia associated with a brain tumour of the right cerebral hemisphere, 25: *matters arising*, 861
- INHOFF A W, RAFAL R D, POSNER M J: Bimodal extinction without cross-modal extinction, 36
- INMAN R D *see* JOHNSTON J L *et al*
- IONS G K *see* CRABBE D C G *et al*
- IPPEL P F *see* HAGEMAN G *et al*
- ISAACS H, BADENHORST M E: Internalised capillaries, neuromyopathy and myalgia, 921
- ISHIAI S, SUGISHITA M, MITANI K, ISHIZAWA M: Leftward search in left unilateral spatial neglect, 40
- ISHIGURO K *see* TANAKA M *et al*
- ISHIHARA T *see* TANAKA M *et al*
- ISHIKAWA T, KAWAMURA S, HADEISHI H, SUZUKI A, YASUI N, SHISHIDO F, UEMURA K: Uncoupling between CBF and oxygen metabolism in a patient with chronic subdural haematoma: *short report*, 401
- ISHIZAWA M *see* ISHIAI S *et al*
- ISLA A *see* CARUS M E M *et al*
- ITO H *see* KASHIWAGI S *et al*
- ITOYAMA Y *see* TOKUDOME S *et al*

- J
 JACKOWSKIA *et al*: Microsurgical excision of pontomedullary cavernous haemangiomas, 79 *abs*
 JACKSON G D, BERKOVIC S F: Cefazidime encephalopathy: absence status and toxic hallucinations: *correspondence*, 333
 JACKSON G D *et al*: A new standard axis for routine brain MRI, 244 *abs*
 A quantitative MRI study of the T1 and T2 relaxation times in hippocampal sclerosis, 243 *abs*
 JACKSON M: Post radiation monomelic amyotrophy: *correspondence*, 629
 JACOBS J M *see* FULLER G N *et al*
 JAHANSHAH M
 BROWN R G, MARSDEN C D: The effect of withdrawal of dopaminergic medication on simple and choice reaction time and the use of advance information in Parkinson's disease, 1168
 MARSDEN C D: Psychological functioning before and after treatment of torticollis with botulinum toxin: *short report*, 229
see also SOLIVERI P *et al*
 JALIL P: Toxic reaction following the combined administration of fluoxetine and phenytoin: two case reports: *correspondence*, 412
 JAMES C M *et al*: Motor neuron disease: prevalence and disability in South Glamorgan, 1218 *abs*
 JANCAR J, COOKE L B: Hypergraphia associated with a brain tumour of the right cerebral hemisphere: *matters arising*, 861
 JANKOVIC J *see* DOODY R S and JANKOVIC J
 JANN S, BERETTA S, MOGGIO M, ADOBBATI L, PELLEGRINI G: High-dose intravenous human immunoglobulin in polymyositis resistant to treatment: *short report*, 60
 JANSEN E N H *see* VAN LAAR T *et al*
 JAUBERTEAU M O *see* LÉGER J M *et al*
 JEAN P *see* PELLETIER J *et al*
 JEDYNIAK P *see* BARON J C *et al*
 JELLINEK D A, SYMON L: Preservation of the facial nerve during surgery for acoustic neuroma with continuous electrophysiological monitoring, 79 *abs*
 JENKINS I H *et al*: Neuropathic and essential tremors are both associated with abnormally increased activity in cerebellar pathways, 1216 *abs*
 JENKINS J R, PEARCE J M S: Paradoxical akinetic response to apomorphine in Parkinsonism: *correspondence*, 414
 JENNEKENS F G I, VELDMAN H, VROEGINDEWEIJ-CLAESSENS L J H M, MOLENAAR P C, OP DE COUL A A W: Congenital oculobulbar palsy: *short report*, 404
 JENSEN K *see* STENAGER E N *et al*
 JIMENEZ-JIMENEZ F J *see* CORIA F *et al*
 GARCIA-ALBEA E *et al*
 JIRILLO E *see* MASTROIANNI C M *et al*
 JOBST K A, SMITH A D, BARKER C S, WEAR A, KING E M, SMITH A, ANSLOW P A, MOLYNEUX A J, SHEPSTONE B J, SOPER N, HOLMES K A, ROBINSON J R, HOPE R A, OPPENHEIMER C, BROCKBANK K, McDONALD B: Association of atrophy of the medial temporal lobe with reduced blood flow in the posterior parietotemporal cortex in patients with a clinical and pathological diagnosis of Alzheimer's disease, 190
 JOHNNELS B *see* KARLSSON S *et al*
 JOHNSON A L *see* FOY P M *et al*
 JOHNSTON J L, THOMSON G T D, SHARPE J A, INMAN R D: Internuclear ophthalmoplegia in giant cell arteritis: *matters arising*, 84
 JOLLES J *see* BOHNEN N *et al*
 JONES D L, PHILLIPS J G, BRADSHAW J L, IANSEK R, BRADSHAW J A: Impairment in bilateral alternating movements in Parkinson's disease: *short report*, 503
 JONES H R *see* FELICE K J *et al*
 JORDAN N
 SAGAR H J, COOPER J A: A component analysis of the generation of release of isometric force in Parkinson's disease, 572
 SAGAR H J, COOPER J A: Cognitive components of reaction time in Parkinson's disease, 658
 JORDAN N *et al*: Preserved motor learning in Parkinson's disease, 419 *abs*
 JOSEPH A B *see* WROBLEWSKI B A and JOSEPH A B
 JOUVET A *see* REVOL A *et al*
 JOY J L *see* OH S J *et al*
 JOYCE E M: The relevance to psychiatry of recent advances in functional imaging: editorial, 427
 JULIEN J *see* LAGUENY A *et al*
 JULU P O O, HONDO R G: Effects of atropine on autonomic indices based on electrocardiographic R-R intervals in healthy volunteers, 31
 K
 KABOTH U *see* BURKHARDT D *et al*
 KACHI T, SOBUE G, SOBUE I: Central motor and sensory conduction in X-linked recessive bulbospinal neuronopathy: *short report*, 394
 KAKIGI R, SHIBASAKI H: Mechanisms of pain relief by vibration and movement, 282
 KAMEYAMA M *see* SAWADA H *et al*
 KAMPHORST W, WOLBERS J G, PONSSSEN H, KARIM A B M F: Ectopic parasellar pituitary adenoma with subarachnoid seeding: *correspondence*, 73
 KANE P J, MODHA P, STRACHAN R D, COOK S, CHAMBERS I R, CLAYTON C B, MENDELOW A D: The effect of immunosuppression on the development of cerebral oedema in an experimental model of intracerebral haemorrhage: whole body and regional irradiation, 781
 KANESHIGE Y *see* MOTOIY *et al*
 KANTOLA I M, TARSSANEN L T: Familial hypokalaemic periodic paralysis in Finland: *short report*, 322
 KAPASI F M: An intracerebral abscess following an aneurysm clipping: *correspondence*, 237
 KAPOOR R
 BROWN P, THOMPSON P D, MILLER D H: Propriospinal myoclonus in multiple sclerosis: *short report*, 1086
 McDONALD W I, CROCKARD A, MOSELEY I F: Clinical onset and MRI features of Krabbe's disease in adolescence: *correspondence*, 330
 KAPOOR R *et al*: Recordings from rat dorsal columns and spinal roots reveal a mechanism for ectopic spiking, 1213 *abs*
 KAPPOS L *see* MILLER D H *et al*
 KAPUR N: The brain in schizophrenia: *matters arising*, 522, 981
 KARIM A B M F *see* KAMPHORST W *et al*
 TAPHOORN M J B *et al*
 KARLSSON S, PERSSON M, JOHNNELS B: Levodopa induced ON-OFF motor fluctuations in Parkinson's disease related to rhythmical masticatory jaw movements, 304
 KARTSOUNIS L D *see* FEINSTEIN A *et al*
 HOWARD R S *et al*
 KARVE S R *see* WADIA R S *et al*
 KASHIWAGI S, TSUCHIDA E, SHIROYAMA Y, ITO H, YAMASHITA T: Paraplegia due to a ruptured aneurysm of the distal posterior inferior cerebellar artery: *lesson of the month*, 836
 KATIFI H *see* ELLIS C J *et al*
 KATIFI H A *see* DAVIE C *et al*
 KATZ J: Psychophysical correlates of phantom limb experience, 811
 KAWAMURA S *see* ISHIKAWA T *et al*
 KAWATA A, SUGA M, ODA M, HAYASHI H, TANABE H: Creutzfeldt-Jakob disease with congophilic kuru plaques: CT and pathological findings of the cerebral white matter: *short report*, 849
 KAY R, WOO J, POON W S: Hospital arrival time after onset of stroke: *short report*, 973
 KELLERMAN A J *see* TARIQ M and KELLERMAN A J
 KELLY R E *see* QUINN N *et al*
 KEMENY A A, HAMLIN P J: Neurosurgical manpower and activity survey: 1988-1990, 515 *abs*
 KENDALL B E *see* McALLISTER R J *et al*
 MILLER D H *et al*
 KENNEDY A M *et al*: Positron emission tomography (PET) demonstrates cerebellar hypometabolism in a case of inherited prion disease, 422 *abs*
 KENNEDY P *see* DAVIE C *et al*
 GERBER C J *et al*
 KENNY B G, HITCHCOCK E R, KITCHEN G, DALTON A E, YATES D A, CHAVDA S V: Stereotactic linac radiosurgery for arteriovenous malformations, 590
 KHALIL R *see* PELLETIER J *et al*
 KHANGURE M *see* CHURCHYARD A *et al*
 KIDD D *et al*: MRI activity and disability in multiple sclerosis: a two year study, 1213 *abs*
 Rehabilitation in multiple sclerosis - a preliminary study, 1218 *abs*
 The role of a neurorehabilitation unit - one year's experience, 1218 *abs*
 KIERS L, DAVIS S M, LARKINS R, HOPPER J, TRESS B, ROSSITER S C, CARLIN J, RATNAIKE S: Stroke topography and outcome in relation to hyperglycaemia and diabetes, 263
 KILFORD L *see* HUGHES A J *et al*
 KILPATRICK T J, HJORTH R J, GONZALES M F: A case of neurofibromatosis 2 presenting with a mononeuritis multiplex: *short report*, 391
 KIMINKINEN T *see* FOGELHOLM R *et al*
 KING E M *see* JOBST K A *et al*
 KIRKPATRICK P J *et al*: Long term control of epilepsy following temporal lobectomy in patients with low grade temporal tumours, 520 *abs*
 Predicting facial nerve function after surgery for acoustic nerve tumour: use of a nerve stimulator and monitor, 79 *abs*
 Trigeminal nerve section for chronic unremitting migrainous neuralgia, 416 *abs*
 KISCHKA U *see* ETTLIN T M *et al*
 KITAMOTO T *see* TRANCHANT C *et al*
 KITCHEN G *see* KENNY B G *et al*
 KITCHEN N, BRADFORD R: Experience with the Hitchcock stereotactic frame in a regional neurosurgical unit, 80 *abs*
 KIVITY S, LERMAN P: Stormy onset with prolonged loss of consciousness in benign childhood epilepsy with occipital paroxysms, 45

- KLEEDORFER B *see* HUGHES A J *et al*
 KLEYWEG R P *see* VAN DER MECHÉ F G A and KLEYWEG R P
 KOCH-HENRIKSEN N *see* STENAGER E N *et al*
 KODAMA M *see* SAWADA H *et al*
 KOEPPE R A *see* FOSTER N L *et al*
 KONAGAYA M, KONAGAYA Y: MRI in hemiballism due to Sydenham's chorea: *correspondence*, 238
 KONAGAYA Y *see* KONAGAYA M and KONAGAYA Y
 KONDO N *see* PIETRASZEK M H *et al*
 KONDO S *see* TANAKA M *et al*
 KOOPMAN W J *see* FEASBY T E *et al*
 KOOPMANS R *see* PATY D W *et al*
 KOPER J W *see* LAMBERTS S W J *et al*
 KORCZYN A D *see* RABEY J M *et al*
 KOUDSTAAL P J, VAN GIJN J, FRENKEN C W G M, HIJDR A, LODDER J, VERMEULEN M, BULENS C, FRANKE C L, (for the DUTCH TIA STUDY GROUP): TIA, RIND, minor stroke: a continuum, or different subgroups?, 95
 KRÄMER G *see* THÖMKE F *et al*
 KRATIMENOS G, CROCKARD H A: A lateral approach for ventrally placed tumours of the craniocervical junction, 81 *abs*
 KRATIMENOS G P *et al*: Application of the G-T localiser for depth electrode insertion in the investigation of drug resistant epilepsy, *abs*
 Multiple subpial transection in the treatment of focal medically resistant epilepsy, 520 *abs*
 KRAUSS J K, NOBBE F, WAKHLOO A K, MOHADJER M, VACH W, MUNDINGER F: Movement disorders in astrocytomas of the basal ganglia and the thalamus, 1162
 KRIPALANEY S *see* WADIA R S *et al*
 KRISTENSEN B, MALM J, MARKGREN P, EKSTEDT J: CSF hydrodynamics in superior sagittal sinus thrombosis, 287
 KRÖGER R *see* BOOGERD W *et al*
 KRUGER M *see* CASTEELS-VAN DAELE M *et al*
 KUIPER M *see* SCHELTENS Ph *et al*
 KUIPER M A, WEINSTEIN H C, BERGMANS P L M, SCHELTENS Ph, WOLTERS E Ch: 99mTc-HM-PAO SPECT and dementia in Parkinson's disease: *matters arising*, 981
 KULISEVSKY J, MARTI-FABREGAS J, GRAU J M: Spasms of amputation stumps: *short report*, 626
 KUME A, YONEYAMA S, TAKAHASHI A, WATANABE H: MRI of anterior spinal artery syndrome: *short report*, 838
 KUNCL R W *see* ASHE J *et al*
 FREIMER M L *et al*
 KUNESCH E, REINERS K, MÜLLER-MATTHEIS V, STROHMEYER T, ACKERMANN R, FREUND H-J: Neurological risk profile in organic erectile impotence, 275
 KUNNAMO I *see* FOGELHOLM R *et al*
 KUNTZERT T, STECK A J, ADAMS D, REGLI F: Chlorambucil fails to improve patients with motor neuropathies and antibodies to gangliosides: *correspondence*, 857
 KURIYAMA M *see* TOKIMURA Y *et al*
 KURUOGLU R *see* OH S J *et al*
 L
 LAAS R *see* VORTMEYER A O *et al*
 LAFITTE C *see* GAYMARD B *et al*
 LAGUENY A, ELLIE E, SAINTARAILLES J, MARTHAN R, BARAT M, JULIEN J: Unilateral diaphragmatic paralysis: an electrophysiological study: *short report*, 316
 LAGUNA J F *see* SIBLEY W A *et al*
 LAHUERTA J, BUXTON P, LIPTON S, BOWSHER D: The location and function of respiratory fibres in the second cervical spinal cord segment: respiratory dysfunction syndrome after cervical cordotomy, 1142
 LAING R J *et al*: Reactivity of the rat middle cerebral artery in controls and following ischaemia—a preliminary report, 516 *abs*
 LAL A P, CHANDY M J: Pathological laughter and brain stem glioma: *correspondence*, 628
 LAMBERTS S W J, TANGHE H L J, AVEZAAT C J J, BRAAKMAN R, WIJNGAARDE R, KOPER J W, DE JONG F H: Mifepristone (RU 486) treatment of meningiomas, 486
 LAMY C *see* RANOUX D *et al*
 LANDI G, CELLA E, BOCCARDI E, MUSICCO M: Lacunar versus non-lacunar infarcts: pathogenetic and prognostic differences, 441
 LANE R J M *see* FULLER G N *et al*
 LANG A E: Cortical basal ganglionic degeneration presenting with "progressive loss of speech output and orofacial dyspraxia": *matters arising*, 1101
 LANG D A *et al*: Shunt implantation: towards zero infection, 517 *abs*
 LANGLANDS A O *see* GRATAN-SMITH P J *et al*
 LANGTON HEWER R *see* SUNDERLAND A *et al*
 LAPLANE D, ATTAL N, SAURON B, DE BILLY A, DUBOIS B: Lesions of basal ganglia due to disulfiram neurotoxicity, 925
 LARA M *see* CARUS M E M *et al*
 LARGE D M *see* CRABBE D C G *et al*
 LARKINS R *see* KIERS L *et al*
 LARSSON H *see* EDSTRÖM L *et al*
 LARSSON L *see* EDSTRÖM L *et al*
 LATOV N *see* VAN DEN BERG L H *et al*
 LAUTENBACHER S: Disturbances of C-fibre-mediated sensibility in lumbosacral disc disease: *matters arising*, 1222
 LAWREN M C *et al*: Abnormal visuomotor performance in a patient with callosal agenesis, 1218 *abs*
 LAZZARINO L G *see* NICOLAI A and LAZZARINO L G
 LECKY B R F *et al*: Dominant distal myopathy with abnormal neuromuscular transmissions, 244 *abs*
 LEE J-P: Hepatoma presenting as craniospinal metastasis: analysis of sixteen cases, 1037
 LEE R G *see* BOORMAN G *et al*
 LEES A J *see* HUGHES A J *et al*
 MERELLO M and LEES A J
 TURJANSKI N and LEES A J
 LEGAULT-DEMARE F *see* BARON J C *et al*
 LÉGER J M, YOUNES-CHENNOUFI A B, ZUBER M, BOUCHE P, JAUBERTEAU M O, DORMONT D, DANON F, BAUMANN N, BRUNET P: Frequency of central lesions in polyneuropathy associated with IgM monoclonal gammopathy: an MRI, neurophysiological and immunohistochemical study, 112
see also FÈVE A P *et al*
 LEIBOLD M *see* MÜLLGES W *et al*
 LEIGUARDIA R *see* STARKSTEIN S E *et al*
 LENZI G L *see* DI PIERO V *et al*
 LERMAN P *see* KIVITY S and LERMAN P
 LEUNG C M, CHAN Y W, CHANG C M, LU Y L, CHEN C N: Huntington's disease in Chinese: a hypothesis of its origin, 681
 LEUZZI V, BERTINI E, DE NEGRI A M, GALLUCCI M, GARAVAGLIA B: Bilateral striatal necrosis, dystonia and optic atrophy in two siblings, 16
 LEVASSEUR M *see* BARON J C *et al*
 LEVIN H S, WILLIAMS D H, EISENBERG H M, HIGH W M, GUINTO F C: Serial MRI and neurobehavioural findings after mild to moderate closed head injury, 255
 LEVY D M, REID G, ROWLEY D A, ABRAHAM R R: Quantitative measures of sympathetic skin response in diabetes: relation to sudomotor and neurological function, 902
 LEVY R *see* O'BRIEN J T *et al*
 LEWIS P D *see* FULLER G N *et al*
 LEYS D *see* SCHELTENS Ph *et al*
 LI D K B *see* PATY D W *et al*
 LIAO K-K *see* CHANG M-H *et al*
 LIDOV H *see* SCARAVILLI F *et al*
 LIN K-P *see* CHANG M-H *et al*
 LIN S-N *see* TRIGGS W J *et al*
 LINDBERG C *see* ERNERUDH J H *et al*
 LINDBOM U, TOMSON T, NILSSON B Y, ANDERSSON D E H: Serum prolactin response to metoclopramide during status epilepticus, 685
 LINDEBOOM J *see* TAPHOORN M J B *et al*
 LINDNER K, HITZENBERGER P, DRICEK M, GRISOLD W: Dissociated unilateral convergence paralysis in a patient with thalamo-tectal haemorrhage: *short report*, 731
 LINDSAY K W *et al*: Intraoperative testing of memory function during hippocampal cooling, 520 *abs*
 LINK H *see* HILLERT J *et al*
 LIOT F *see* TRANIER S *et al*
 LIPTON S *see* LAHUERTA J *et al*
 LISHMAN W A: What is neuropsychiatry: *editorial*, 983
 LIU G T, BOLTON A K, PRICE B H, WEINTRAUB S: Dissociated perceptual-sensory and exploratory-motor neglect, 701
 LODDER J, BOITEN J, HEUTS-VAN RAAK L: Sensorimotor syndrome relates to lacunar rather than to non-lacunar cerebral infarction: *correspondence*, 1097
see also KOUDSTAAL P J *et al*
 LOISEAU H, MARCHAL C, VITAL A, VITAL C, ROUGIER A, LOISEAU P: Occurrence of polyglucosan bodies in temporal lobe epilepsy: *short report*, 1092
 LOISEAU P *see* LOISEAU H *et al*
 ROUGIER A *et al*
 LOLIN Y *et al*: Disordered salt and water regulation in neurosurgical practice: modern management perspectives obtained from recent studies, 517 *abs*
 LOPEZ O L *see* BECKER J T *et al*
 LUCAS S *see* TAN V *et al*
 LUCHT F *see* MICHEL D *et al*
 LUCO C, HOPPE A, SCHWEITZER M, VICUÑA X, FANTIN A: Visual field defects in vascular lesions of the lateral geniculate body, 12
 LUIS M L S *see* CARVALHO M *et al*
 LUNT P W *et al*: Clinical application of a DNA probe to facioscapulo-humeral muscular dystrophy, 240 *abs*
 LUXON L M *see* EAGGER S *et al*
 WATERSTON J A *et al*

- LYE R H *et al*: What happens to capsular remnants following removal of acoustic neuromas? 79 *abs*
see also MALIK R A *et al*
- M**
- McALLISTER R J, HERNS M V, HARRISON M J G, NEWMAN S P, CONNOLLY S, FOWLER C J, FELL M, DURRANCE P, MANJI H, KENDALL B E, VALENTINE A R, WELLER I V D, ADLER M: Neurological and neuropsychological performance in HIV seropositive men without symptoms, 143
- MACALUSO G M *see* PAVESI G *et al*
- MacCARTHY P *see* DI PIERO V *et al*
- McCOMBE P A
- McLAUGHLIN D B, CHALK J B, BROWN N N, MCGILL J J, PENDER M P: Spasticity and white matter abnormalities in adult phenylketonuria, 359
- SHEEAN G L, McLAUGHLIN D B, PENDER M P: Vestibular and ventilatory dysfunction in sensory and autonomic neuropathy associated with primary Sjogren's syndrome: *correspondence*, 1211
- McDERMOTT P J *et al*: Computer generated titanium cranioplasty—a pilot study, 79 *abs*
- McDONALD B *see* APPLEYARD M E and McDONALD B JOBST K A *et al*
- McDONALD W I, BARNES D: The ocular manifestations of multiple sclerosis. 1 Abnormalities of the afferent visual system: *review*, 747
see also BARNES D and McDONALD W I; CONFAYREUX C *et al*; KAPOOR R *et al*; MILLER D H *et al*
- McFADZEAN R M *see* BROSNAN H D *et al*
- MacFARLANE I A *see* CHAN A W *et al* PETERSON T *et al*
- MACFARLANE R *et al*: Treatment of experimental cerebral vasospasm using the 1 μ S pulsed dye laser, 517 *abs*
- MCGILL J J *see* McCOMBE P A *et al*
- MACGILLIVRAY B B *see* BINNIE C D and MACGILLIVRAY B B
- McKAY W J *see* NEWTON M R *et al*
- MacKENZIE J M *see* PETERSON T *et al*
- McLACHLAN R S *see* HUGHES D R *et al*
- McLAUGHLIN D B *see* McCOMBE P A *et al*
- McLELLAN D L: Neurology or rehabilitation medicine? 47 *suppl.*
- McMACKIN D *et al*: Unilateral temporal neocortectomy in the management of intractable temporal lobe epilepsy—long term outcome and neuropsychological sequelae, 520 *abs*
- MacMANUS D G *see* MILLER D H *et al*
- MADELEY P *see* BIGGINS C A *et al*
- MAGNANI G *see* PAVESI G *et al*
- MAHAPATRA A K *see* SOOD S *et al*
- MAIER H *see* HAINFELLNER J A *et al*
- MALIK R A, VEVES A, MASSON E A, SHARMA A K, AH-SEE A K, SCHADY W, LYE R H, BOULTON A J M: Endoneurial capillary abnormalities in mild human diabetic neuropathy, 557
- MALLADA J J *see* RUBIO G *et al*
- MALM J *see* KRISTENSEN B *et al*
- MANCIA D *see* PAVESI G *et al*
- MANFORD M, SHORVON S D: Prolonged sensory or visceral symptoms: an under-diagnosed form of non-convulsive focal (simple partial) status epilepticus: *short report*, 714; *correction*, 1223
- MANFORD M *et al*: National General Practice Study of Epilepsy (NGPSE): partial seizure types in a general population, 416 *abs*
- MANFREDI M *see* FUSCO L *et al*
- MANGANELLI P *see* GEMIGNANI F *et al*
- MANGANOTTI P *see* POLO A *et al*
- MANJI H *see* McALLISTER R J *et al*
- MANN U M, MOHR E, GEARING M, CHASE T N: Heterogeneity in Alzheimer's disease: progression rate segregated by distinct neuropsychological and cerebral metabolic profiles, 956
- MARBINI A *see* GEMIGNANI F *et al* PAVESI G *et al*
- MARCHAL C *see* LOISEAU H *et al*
- MARCONI R, BONNET A M, VIDAILHET M, AGID Y: The IMAO-B MDL 72.974 A in Parkinson's disease: *correspondence*, 1096
- MARKGREN P *see* KRISTENSEN B *et al*
- MARKOWITTSCH H J: The neuropsychology of hanging: an historical perspective: *correspondence*, 507
- MARRINK J *see* VAN DEN BERG L H *et al*
- MARSDEN C D: "Hither neurology...", meeting the challenge of neurological disability: foreword, 1 *suppl.*
see also BHATIA K *et al*; JAHANSHAH M *et al*; JAHANSHAH M and MARSDEN C D; SOLIVERI P *et al*
- MARSH H T *see* FILLER A G *et al*
- MARSHALL J C *see* HALLIGAN P W *et al*
- MARTHAN R *see* LAGUENY A *et al*
- MARTI-FABREGAS J *see* KULISEVSKY J *et al*
- MARTIGNONI E *see* D'ANDREA G *et al*
- MARTIN J J *see* PAQUIER P *et al*
- MARTIN J L *et al*: Transcranial Doppler velocity and cerebral blood flow changes. A simultaneous study using three vasodilators, 516 *abs*
- MARTIN R *see* BOGOUSLAVSKY J *et al*
- MARTYN C N, OSMOND C: The environment in childhood and risk of motor neuron disease, 997
- MAS J-L, BOUSSER M G, TOUBOUL P J: Extracranial vertebral artery dissection: *matters arising*, 979
see also RANOUX D *et al*
- MASCALCHI M *see* SALVI F *et al*
- MASSEY E W: Shoulder pain from glomus tumour: *correspondence*, 413
- MASSON E A *see* MALIK R A *et al*
- MASTROIANNI C M, PAOLETTI F, VALENTI C, VULLOV, JIRILLO E, DELIA S: Tumour necrosis factor (TNF-alpha) and neurological disorders in HIV infection: *short report*, 219
- MATOS J A M *see* MIRALLES F *et al*
- MATSUMOTO H *see* MOTOIY *et al*
- MATTLE H: Isolated muscle hypertrophy as a sign of radicular or peripheral nerve injury: *matters arising*, 1220
- MAUGUIÈRE F *see* BARON J C *et al* BROUSSOLLE E *et al* GARCIA-LARREA L *et al*
- MAURICE-WILLIAMS R S: Ruptured intracranial aneurysms: where do we go from here? 77 *abs*
- MAY P L *et al*: Benign intrinsic tectal "tumours" in children, 79 *abs*
- MAYBERG H S *see* STARKSTEIN S E *et al*
- MAZOYER B *see* BARON J C *et al*
- MEAR J Y *see* RANOUX D *et al*
- MEDDINGS R N *et al*: Collagen vicryl membrane as a new dural substitute, 80 *abs*
- MEDICI D *see* PAVESI G *et al*
- MEGENS J, VAN LOON J, GOFFIN J, GYBELS J: Subcortical aphasia from a thalamic abscess: *short report*, 319
- MEHTA V S *see* SINGHAL S *et al*
- MEINCK H M: Isolated muscle hypertrophy as a sign of radicular or peripheral nerve injury: *matters arising*, 1220
- MEINCKE U *see* FERBERT A *et al*
- MELLERS J *see* HOWARD R S *et al*
- MELO T P, BOGOUSLAVSKY J: Hemiataxia-hypesthesia: a thalamic stroke syndrome, 581
- MENDELOW A D *see* CRABBE D C G *et al* KANE P J *et al*
- MENDEZ M F: Pavor nocturnus from a brainstem glioma: *correspondence*, 860
- MENDOZA N D *et al*: Management of thoracolumbar spinal trauma with incomplete neurological injury, 82 *abs*
- MEO R *see* STRIANO S *et al*
- MERELLO M, LEES A J: Beginning-of-dose motor deterioration following the acute administration of levodopa and apomorphine in Parkinson's disease, 1024
- MERINO A G *see* RUBIO G *et al*
- MESSINA C *see* GIRLANDA P *et al*
- MEZZADRI J J M *see* MOLES D G and MEZZADRI J J M
- MICHEL D, ANTOINE J C, POZZETTO B, GAUDIN O G, LUCHT F: Lumbosacral meningoradiculitis associated with Chlamydia pneumoniae infection: *correspondence*, 511
- MICHELUCCI R *see* SALVI F *et al*
- MILES J B *et al*: The neurosurgical implications of intractable epilepsy, 82 *abs*
- MILLEFIORINI E *see* GRASSO M G *et al*
- MILLER D H
- BARKHOF F, BERRY I, KAPPOS L, SCOTTI G, THOMPSON A J: MRI in monitoring the treatment of multiple sclerosis: concerted action guidelines: *matters arising*, 978
- HORNABROOK R W, PURDIE G: The natural history of multiple sclerosis: a regional study with some longitudinal data, 341
- THOMPSON A J, MORRISSEY S P, MacMANUS D G, MOORE S G, KENDALL B E, MOSELEY I F, McDONALD W I: High dose steroids in acute relapses of multiple sclerosis: MRI evidence for a possible mechanism of therapeutic effect, 450
see also FEINSTEIN A *et al*; KAPOOR R *et al*
- MILLER D H *et al*: Temporary reversal of blood-brain barrier abnormalities in multiple sclerosis by high dose steroid therapy, 243 *abs*
- MILLER J D *see* CHAN K-H *et al* WILL R G and MILLER J D
- MILLER N R *see* GOLNIK K C and MILLER N R
- MILLS K R *see* BONIFACE S J and MILLS K R
- MILONE S *see* GIRLANDA P *et al*
- MINDHAM R H S *see* BIGGINS C A *et al*
- MIRALLES F, MONTERO J, RENE R, MATOS J A M: Pure sensory Guillain-Barre syndrome: *correspondence*, 411
- MITANI K *see* ISHIAI S *et al*
- MITTENBERG W, DIGIULIO D V, PERRIN S, BASS A E: Symptoms following mild head injury: expectation as aetiology, 200
- MIYOSHI T *see* TOKUDOME S *et al*
- MIZUTANI T *see* MORI H *et al*
- MODHA P *see* KANE P J *et al*
- MOGGIO M *see* JANN S *et al*
- MOHADJER M *see* KRAUSS J K *et al* NEUMANN H P H *et al*

- MOHR E *see* MANN U M *et al*
 MOHR G *et al*: Immediate reversal of "cruciate paralysis" following transoral removal of odontoid in rheumatoid arthritis with basilar invagination and Chiari I malformation, 519 *abs*
 MOLENAAR P C *see* JENNEKENS F G I *et al*
 MOLES D G, MEZZADRI J J M: Postoperative fourth ventricle tension pneumocephalus: *correspondence*, 511
 MOLYNEUX A J *see* JOBST K A *et al*
 MONTASTRUC J L, RASCOL O, SENARD J M, RASCOL A: A pilot study of N-methyl-D-aspartate (NMDA) antagonist in Parkinson's disease: *correspondence*, 630
 MONTERO J *see* MIRALLES F *et al*
 MOORE A J, UTTLEY D: Lumbar microdissection: a long term review of the first 100 cases, 82 *abs*
 MOORE A P, BRONSTEIN A: Visually induced illusion tilt in Parkinson's disease, 241 *abs*
 MOORE A P *et al*: Timing of mentally represented actions in Parkinson's disease, 1218 *abs*
 MOORE S G *see* MILLER D H *et al*
 MORAZA M J *see* DIGON A *et al*
 MORGAN D, WILLIAMS B: Syringobulbia: a surgical appraisal, 1132
 MORI H, MIZUTANI T, YOSHIMURA M, YAMANOUCHI H, SHIMADA H: Unilateral brain damage after prolonged hemiconvulsions in the elderly associated with theophylline administration, 466
 MORIMATSU M *see* TANAKA M *et al*
 MORLEY K D *see* DAVIDSON D L W *et al*
 MORRA M *see* D'ANDREA G *et al*
 MORRICE B-L *see* BOORMAN G *et al*
 MORRIS A D *et al*: Observations in an acute stroke unit: implications for a trial of thrombolytic therapy, 244 *abs*
 MORRIS C S *see* HOLMES A H *et al*
 MORRIS J G *see* GRATTAN-SMITH P J *et al*
 MORRIS K M, FINDLAY G F G: The management of occult spinal dysraphism: a review of 49 paediatric and adult cases, 81 *abs*
 MORRIS K M *et al*: Aneurysmal subarachnoid haemorrhage: an audit of clinical features, outcome assessment and communication with GPs, 517 *abs*
 MORRISSEY S P *see* MILLER D H *et al*
 MOSELEY I F *see* KAPOOR R *et al*
 MILLER D H *et al*
 MOSSMAN S, CLEEVES L, FINDLEY L: The influence of head position upon head tremor: *correspondence*, 1209
 MOSSMAN S S, GOADSBY P J: Cocaine abuse simulating the aura of migraine: *correspondence*, 628
 MOTOI Y, MATSUMOTO H, KANESHIGE Y, CHIBA S: A reappraisal of "direction of scratch" test using somatosensory evoked potentials and vibration perception: *correspondence*, 509
 MOULIN T *see* BOGOUSLAVSKY J *et al*
 MÜLLER-MATTHEIS V *see* KUNESCH E *et al*
 MÜLLGES W, RINGELSTEIN E B, LEIBOLD M: Non-invasive diagnosis of internal carotid artery dissections, 98
 MUMFORD C J, FRASER M B, WOOD N W, COMPSTON D A S: Multiple sclerosis in the Cambridge health district of East Anglia, 877
 MUMFORD C J *et al*: "CAMBS": a new rating scale for multiple sclerosis, 242 *abs*
 Multiple sclerosis in the Cambridge Health District, 417 *abs*
 Multiple sclerosis in twins: the British Isles survey, 1213 *abs*
 MUNDINGER F *see* KRAUSS J K *et al*
 MURAI Y *see* TOKUDOME S *et al*
 MURPHY R P *see* GUTOWSKI N J *et al*
 MURUZABAL J *see* VAAMONDE J *et al*
 MUSICCO M *see* LANDI G *et al*
 MUTCH W J: Specialist clinics: a better way to care? 36 *suppl.*
- N
 NAHMIA S *see* CARBOTTE R M *et al*
 NAKAMURA T *see* TOKUDOME S *et al*
 NARAYAN R K *see* ROBERTSON C S *et al*
 NATHADWARAWALA K M, NICKLIN J, WILES C M: A timed test of swallowing capacity for neurological patients, 822
 NATHADWARAWALA K M *et al*: Assessment of swallowing in neurological patients—a pilot study, 244 *abs*
 NATHAN P W: Effects on movement of surgical incisions into the spinal cord, 1213 *abs*
 NEARY D *see* BROWN S *et al*
 NEEF C *see* VAN LAART T *et al*
 NEIL-DWYER G *see* GERBER C J *et al*
 NELSON R J, GANLEY J: Neurosurgical operative coding: problems and progress, 80 *abs*
 NELSON R J *et al*: Continuous monitoring of cerebral autoregulation: experimental and theoretical aspects of pulsatile intracranial haemodynamics, 78 *abs*
 NEUMANN H P H, EGGERT H R, SCHEREMET R, SCHUMACHER M, MOHADJER M, WAKHLOO A K, VOLK B, HETTMANNSPERGER U, RIEGLER P, SCHOLLMAYER P, WIESTLER O: Central nervous system lesions in von Hippel-Lindau syndrome, 898
 NEWELL A *see* DE QUEIROS-CAMPOS ARAUJO A *et al*
 NEWMAN S P *see* McALLISTER R J *et al*
 NEWTON M R
 BERKOVIC S F, AUSTIN M C, ROWE C C, McKAY W J, BLADIN P F: Postictal switch in blood flow distribution and temporal lobe seizures, 891
 GREENWOOD R J, BRITTON K E, CHARLESWORTH M, NIMMON C C, CARROLL M J, DOLKE G: A study comparing SPECT with CT and MRI after closed head injury, 92
 NICKLIN J *see* NATHADWARAWALA K M *et al*
 NICOLAI A, LAZZARINO L G: Transient pure sensory strokes in patient with aneurysm of rostral basilar artery: *correspondence*, 72
 NICOLOSI C *see* GIRLANDA P *et al*
 NIGHOGHOSSIAN N, TROUILLAS P, VIGHETTO A, PHILIPPON B: Spatial delirium following a right subcortical infarct with frontal deactivation: *correspondence*, 334
 NILSSON B Y *see* LINDBOM U *et al*
 NIMMON C C *see* NEWTON M R *et al*
 NISHINAKA K *see* SAWADA H *et al*
 NISHITANI N *see* SAWADA H *et al*
 NOBBE F *see* KRAUSS J K *et al*
 NOGUÉS M, GENÉ R, ENCABO H: Risk of sudden death during sleep in syringomyelia and syringobulbia, 585
 NORDENBO A *see* FOWLER C J *et al*
 NORTH N T *see* ROBERTSON I H *et al*
 NUUTILA M *see* FOGELHOLM R *et al*
 NYLAND H *see* HILLERT J *et al*
- O
 ØBERG G *see* HASSELBALCH S G *et al*
 OBESO J A *see* VAAMONDE J *et al*
 O'BRIEN J T, EAGGER S, SYED G M S, SAHAKIAN B J, LEVY R: A study of regional cerebral blood flow and cognitive performance in Alzheimer's disease, 1182
 ODA M *see* KAWATA A *et al*
 ODER W, GOLDENBERG G, SPATT J, PODREKA I, BINDER H, DEECKE L: Behavioural and psychosocial sequelae of severe closed head injury and regional cerebral blood flow: a SPECT study, 475
see also GOLDENBERG G *et al*
 O'DRISCOLL K *see* BROWN S *et al*
 O'DRISCOLL K J *et al*: Thought disorder in multiple sclerosis, 417 *abs*
 OH S J, JOY J L, KURUOGLU R: "Chronic sensory demyelinating neuropathy": chronic inflammatory demyelinating polyneuropathy presenting as a pure sensory neuropathy, 677
 OHARA K *see* PIETRASZEK M H *et al*
 OHKAWA S, YOSHIDA T, YAMADORI A: Acute stage Bell's palsy and narrowing of the palpebral fissure caused by drooping of the eyebrow and the upper eyelid: *correspondence*, 976
 OKSENBERG A *see* COHEN M *et al*
 OKUMIYA K *see* SAWADA H *et al*
 OLERUP O *see* HILLERT J *et al*
 ONOFRIJ M, CURATOLA L, FERRACCI F, FULGENTE T: Narcolepsy associated with primary temporal lobe B-cells lymphoma in a HLA DR2 negative subject: *short report*, 852
 OOSTERINK B *see* TAPHOORN M J B *et al*
 OP DE COUL A A W *see* JENNEKENS F G I *et al*
 OPPENHEIMER C *see* JOBST K A *et al*
 ORMEROD I E C: MRI lesions in younger healthy adults: *matters arising*, 246
 ORNADEL D, BARNES E A, DICK D J: Acute dystonia due to amitriptyline: *correspondence*, 414
 OSMAN M *see* TOKIMURA Y *et al*
 OSMOND C *see* MARTYN C N and OSMOND C
 O'SULLIVAN A F *see* DAVIDSON D L W *et al*
 O'SULLIVAN M, RUSSELL T: Surgical treatment of brachialgia, 82 *abs*
 OTERI G *see* PISANI F *et al*
- P
 PALMER J D *et al*: Readmissions to a regional neurosurgical unit, a quality assurance measure? 80 *abs*
 PALO J *see* TIENARI P J *et al*
 PANAYIOTOPoulos C P
 CHRONI E: F-tacheodispersion and F-chronodispersion. I: control subjects, 421 *abs*
 CHRONI E, DASKALOPOULOS C, BAKER A, ROWLINSON S, WALSH P: Typical absence seizures in adults: clinical, EEG, video-EEG findings and diagnostic/syndromic considerations, 1002
see also GRUNEWALD R A *et al*
 PANAYIOTOPoulos C P, Age and localization-related idiopathic epilepsies: a 17 year clinical and electroencephalographic study of 94 patients, 245 *abs*
 PANDYA D N *see* GUTRECHT J A *et al*

- PANEGYRES P K, FAULL R J, RUSS G R, APPLETON S L, WANGEL A G, BLUMBERGS P C: Endothelial cell activation in vasculitis of peripheral nerve and skeletal muscle, 4
- PANEGYRES P K *et al*: MRI in the thoracic outlet syndromes, 419 *abs*
- PAOLETTI F *see* MASTROIANNI C M *et al*
- PAPPATA S *see* BARON J C *et al*
- PAQUIER P, VAN VUGT P, BAL P, CRAS P, PARIZEL P M, VAN HAESSENDONCK J, CRETEN W, MARTIN J J: Transient musical hallucinosis of central origin: a review and clinical study, 1069
- PARAYSON D *see* SCAIOLI V *et al*
- PARIZEL P M *see* PAQUIER P *et al*
- PARKES J D *see* ALVAREZ B *et al*
- PARODI C-I, CAMMARATA S, PIZIO N, SACCO G: Traumatic basal ganglia haemorrhage with slight clinical signs and complete recovery: *correspondence*, 72
- PASCUAL J, CIUDAD J, BERCIAÑO J: Role of lidocaine (lignocaine) in managing status epilepticus, 49
- PASCUAL-LEONE A, PASCUAL-LEONE PASCUAL A: Occipital neuralgia: another benign cause of "thunderclap headache": *correspondence*, 411
see also BRASIL-NETO J P *et al*
- PASCUAL-LEONE PASCUAL A *see* PASCUAL-LEONE A and PASCUAL-LEONE PASCUAL A
- PATEL P *see* STONE S P *et al*
- PATTERSON V, KINNIN E: The value of an occupational therapist in a neurology clinic, 240 *abs*
- PATY D W, LI D B K, KOOPMANS R: MRI in monitoring the treatment of multiple sclerosis: concerted action guidelines: *matters arising*, 978
- PAULSON O B *see* HASSELBALCH S G *et al*
- PAVESI G, GEMIGNANI F, MACALUSO G M, VENTURA P, MAGNANI G, FIOCCHI A, MEDICI D, MARBINI A, MANCIA D: Acute sensory and autonomic neuropathy: possible association with Cocksackie B virus infection: *short report*, 613
see also GEMIGNANI F *et al*
- PEARCE J M S: Bourneville's tuberous sclerosis: "When the cat is away...", 929
Domenico Cotugno CSF, and the origins of sciatica, 1100
Early accounts of dystopia myotonica, 920
Early notions of hydrocephalus, 1091
Huntington's chorea, 1083
Silas Weir Mitchell (1829-1914), 924
Sumatriptan: efficacy and contribution to migraine mechanisms: *editorial*, 1103
see also JENKINS J R and PEARCE J M S
- PEARSON N A *see* BROWN S *et al*
- PEATFIELD R C *see* BOWLER J V and PEATFIELD R C
- PEDRAZA O L, BOTEZ M I: Thiamine status in inherited degenerative ataxias, 136
- PELL M F *et al*: Stereotactic selective amygdalo hippocampectomy—an alternative approach, 82 *abs*
- PELLEGRINI G *see* JANN S *et al*
- PELLETIER J, HABIB M H, KHALIL R, SALAMON G, BARTOLI D, JEAN P: Putaminal necrosis after methanol intoxication: *correspondence*, 234
- PENDER M P *see* McCOMBE P A *et al*
- PENTLAND B *et al*: Parkinson's disease: the spectrum of disabilities: *panel discussion*, 32 *suppl.*
see also SORYAL I *et al*
- PEREIRO I *see* ARIAS M *et al*
- PEREZ N *see* VAAMONDE J *et al*
- PERNIER J *see* GARCIA-LARREA L *et al*
- PERRIN S *see* MITTENBERG W *et al*
- PERSSON M *see* KARLSSON S *et al*
- PERUCCA E *see* PISANI F *et al*
- PETTERSON T, MacFARLANE I A, MacKENZIE J M, SHAW M D M: Prolactin secreting pituitary carcinoma: *short report*, 1205
- PFEIFFER C *see* DOTY R L *et al*
- PHAROH P *see* CRABBE D C G *et al*
- PHILIPPON B *see* NIGHOGHOSSIAN N *et al*
- PHILLIPS J G *see* JONES D L *et al*
- PICKARD J D *et al*: A prospective study of idiopathic normal pressure hydrocephalus—guidelines for outpatient investigation, 517 *abs*
- PIETRASZEK M H, URANO T, SUMIYOSHI K, TAKADA Y, TAKADA A, OHARA K, KONDO N, OHARA K: Diurnal variations of whole blood serotonin content in patients with depression and neurosis: *correspondence*, 336
- PISANI F, FAZIO A, ARTESI C, RUSSO M, TRIO R, OTERI G, PERUCCA E, DI PERRI R: Elevation of plasma phenytoin by viloxazine in epileptic patients: a clinically significant drug interaction, 126
- PIZIO N *see* PARODI C-I *et al*
- PLASMATI R *see* SALVI F *et al*
- PLUM F: Defining prognosis in medical coma: *matters arising*, 523
- PODREKA I *see* GOLDENBERG G *et al*
ODER W *et al*
- POLKEY C E: Recent experience with hemispherectomy, 514 *abs*
- BINNIE C D: The place of foramen ovale telemetry in presurgical evaluation of patients with drug resistant epilepsy, 521 *abs*
- POLLARD J D *see* HARVEY G K and POLLARD J D
- POLO A, MANGANOTTI P, ZANETTE G, DE GRANDIS D: Polyneuritis cranialis: clinical and electrophysiological findings: *short report*, 398
- PONSSSEN H *see* KAMPHORST W *et al*
- POON W S *see* KAY R *et al*
- POPLE I K *see* QUINN M W and POPLI I K
- POSER C M: A prospective study of physical trauma and multiple sclerosis: *matters arising*, 524
- POSNER M J *see* INHOFF A W *et al*
- POWELL M *see* BHATTACHARJEE M B *et al*
- POZZETTO B *see* MICHEL D *et al*
- POZZILLI C *see* GRASSO M G *et al*
- PRAKASH B *see* TAPARIA S C *et al*
- PRAKASH S: Angiostrongylus cantonensis abscess in the brain; what do we learn: *matters arising*, 982
- PREVETT M, ENEVOLDSON T P, DUNCAN J S: Adult onset acid maltase deficiency associated with epilepsy and dementia: a case report: *correspondence*, 509
- PREZIOSI T J *see* STARKSTEIN S E *et al*
- PRICE B H *see* LIU G T *et al*
- PRICK M J J, VERHAGEN W I M: The Collet-Sicard syndrome as a complication of cardiovascular surgery: *correspondence*, 741
- PROCTER A W *see* BOWEN D M *et al*
- PROVENZALE J, BOULDIN T W: Lupus-related myelopathy: report of three cases and review of the literature, 830
- PULLICINO P, BECK N: Incremental response to repetitive stimulation in Guillain-Barre syndrome: *correspondence*, 233
- PURDIE G *see* MILLER D H *et al*
- PUROHIT A K, DINAKAR I, SUNDARAM C, RATNAKAR K S: Angiostrongylus cantonensis: *matters arising*, 861
- PUROHIT A K, DINAKAR I, SUNDARAM C, RATNAKAR K S: Angiostrongylus cantonensis abscess in the brain; what do we learn: *matters arising*, 982
- PUTELAT R *see* VERGES B *et al*
- Q
- QUINN M W, POPLI I K: Middle cerebral artery pulsatility in children with blocked cerebrospinal fluid shunts: *short report*, 325
- QUINN N, BARNARD R O, KELLY R E: Cerebellar syndrome in myxoedema revisited: a published case with carcinomatosis and multiple system atrophy at necropsy: *short report*, 616
- R
- RABEY J M, VERED Y, SHABATAI H, GRAFF E, KORCZYN A D: Improvement of Parkinsonian features correlate with high plasma levodopa values after broad bean (*Vicia faba*) consumption: *short report*, 725
- RADII E W *see* ETTLIN T M *et al*
- RAFAL R D *see* INHOFF A W *et al*
- RAJGOPALAN N *see* FOY P M *et al*
- RANCUREL G *see* FÈVE A P *et al*
- RANDALL J I *see* BIGGINS C A *et al*
- RANOUX D, DEVAUX B, LAMY C, MEAR J Y, ROUX F X, MAS J L: Meningeal sarcoidosis, pseudo-meningioma, and pachymeningitis of the convexity, 300
- RAO S, DEVINSKY O, GRAFMAN J, STEIN M, USMAN M, UHDE T W, THEODORE W H: Viscosity and social cohesion in temporal lobe epilepsy, 149
- RASCOL A *see* MONTASTRUC J L *et al*
- RASCOL O *see* MONTASTRUC J L *et al*
- RATH G K *see* SINGHAL S *et al*
- RATNAIKE S *see* KIERS L *et al*
- RATNAKAR K S *see* PUROHIT A K *et al*
- RAWLUK D *et al*: Are intracranial aneurysms associated with certain HLA antigens? 77 *abs*
- REGLI F *see* KUNTZERT T *et al*
- REICHMANN S *see* ETTLIN T M *et al*
- REID G *see* LEVY D M *et al*
- REILLY M, HUTCHINSON M: An epidemiological study of Wilson's disease in Ireland, 241 *abs*
- REILLY M *et al*: Molecular genetic studies of familial amyloid polyneuropathy in Ireland and the UK, 1215 *abs*
- REILLY M *et al*: Bilateral paramedian thalamic infarction: a distinct but poorly recognised stroke syndrome, 242 *abs*
- REINERS K *see* KUNESCH E *et al*
- RENE R *see* MIRALLES F *et al*
- REQUENA I *see* ARIAS M *et al*
- REVOL A, VIGHETTO A, JOUVET A, AIMARD G, TRILLET M: Encephalitis in cat scratch disease with persistent dementia, 133
- REYNOLDS E H: Multiple sclerosis and vitamin B12 metabolism: *editorial*, 339
- RHEAD W J *see* TRIGGS W J *et al*
- RICHENS A *see* SORYAL I and RICHENS A

- RIEGLER P *see* NEUMANN H P H *et al*
 RING H A, TRIMBLE M R, COSTA D C, GEORGE M S, VERHOEFF P, ELL P J: Effect of vigabatrin on striatal dopamine receptors: evidence in humans for interactions of GABA and dopamine systems, 758
 RINGELSTEIN E B *see* MÜLLGES W *et al*
 ROBERTS D W *et al*: Hippocampal commissurotomy at the time of corpus callosum section for intractable epilepsy, 514 *abs*
 ROBERTS M P *et al*: The problem of paradoxical air embolism and its prevention during neurosurgery: the importance of preoperative contrast echocardiography, 518 *abs*
 ROBERTSON C S, CONTANT C F, GOKASLAN Z L, NARAYAN R K, GROSSMAN R G: Cerebral blood flow, arteriovenous oxygen difference, and outcome in head injured patients, 594
 ROBERTSON I H, NORTH N T, GEGGIE C: Spatiomotor cueing in unilateral left neglect: three case studies of its therapeutic effects, 799
 ROBINSON J R *see* JOBST K A *et al*
 ROBINSON R G *see* STARKSTEIN S E *et al*
 RODE G *see* CHARLES N *et al*
 RODRIGUEZ M *see* VAAMONDE J *et al*
 ROE C R *see* TRIGGS W J *et al*
 ROLAK L A, RUTECKI P, ASHIZAWA T, HARATI Y: Clinical features of Todd's post-epileptic paralysis: *short report*, 63
 RON M *see* HOWARD R S *et al*
 RON M A, FEINSTEIN A: Multiple sclerosis and the mind: *editorial*, 1 *see also* EAGGER S *et al*; FEINSTEIN A *et al*; HARVEY I and RON M A
 ROOS R A C: Paroxysmal kinesigenic choreoathetosis: *matters arising*, 982
 ROQUER J, CANO J F: Mononeuropathies in thyrotoxicosis: *correspondence*, 332
 ROSS-RUSSELL R I, HELPS B-A: Transcutaneous phrenic nerve stimulation: *correspondence*, 632
 ROSSER M N, TYRRELL P: Cortical basal ganglionic degeneration presenting with "progressive loss of speech output and orofacial dyspraxia": *matters arising*, 1101
 ROSSI A, SCARPINI C: Gating of trigemino-facial reflex from low-threshold trigeminal and extratrigeminal cutaneous fibres in humans, 774
 ROSSITER S C *see* KIERS L *et al*
 ROUGIER A, DARTIGUES J-F, COMMENGES D, CLAVERIE B, LOISEAU P, COHADON F: A longitudinal assessment of seizure outcome and overall benefit from 100 cortectomies for epilepsy, 762 *see also* LOISEAU H *et al*
 ROUX F X *see* RANOUX D *et al*
 ROWE C C *see* NEWTON M R *et al*
 ROWLEY D A *see* LEVY D M *et al*
 ROWLINSON S *see* PANAYIOTOPOULOS C P *et al*
 RUBIO G, GUIJO C G, MALLADA J J, CABELLO A, MERINO A G: Diagnosis by axilla skin biopsy in an early case of Lafora's disease: *short report*, 1084
 RUDGE P, ALI A, CRUICKSHANK J K: Multiple sclerosis, tropical spastic paraparesis and HTLV-I infection: *matters arising*, 525 *see also* DE QUEIROS-CAMPOS ARAUJO A *et al*; FRANCIS D A *et al*; GREGORY R P *et al*
 RUOSI P *see* STRIANO S *et al*
 RUSS G R *see* PANEGYRES P K *et al*
 RUSSO L S, BEALE G, SANDRONI S, BALLINGER W E: Aluminium intoxication in undialysed adults with chronic renal failure, 697
 RUSSO M *see* PISANI F *et al*
 RUTECKI P *see* ROLAK L A *et al*
 RUTTEN W J *see* VAN LAAR T *et al*
- S
 SACCO G *see* PARODI C-I *et al*
 SACHDEV P: Iron and akathisia: *matters arising*, 1221
 SADIQ S A *see* VAN DEN BERG L H *et al*
 SAGAR H J *see* JORDAN N *et al*
 SAHAKIAN B J *see* O'BRIEN J T *et al*
 SAINTARAILLES J *see* LAGUENY A *et al*
 SALAMON G *see* PELLETIER J *et al*
 SALMON E, BROOKS D J: In vivo distribution of catecholamine reuptake sites in human brain gives clues to the physiopathology of MPTP-induced Parkinsonism: *correspondence*, 167
 SALONEN O *see* TIENARI P J *et al*
 SALVI F, MASCALCHI M, PLASMATI R, MICHELUCCHI R, CALBUCCI F, DAL POZZO G, TASSINARI C A: Multiple lesions in cerebral white matter in two young adults with thoracic extramedullary tumours: *short report*, 216
 SANDEMAN D *see* HUTTON J L *et al*
 SANDEMAN D *see* HUTTON J L *et al*
 SANDER J W A S *et al*: Vigabatrin and epilepsy, 245 *abs* *see also* DUNCAN J S and SANDER J W A S
 SANDERCOCK P A G *et al*: The International Stroke Trial (pilot) of antithrombotic therapy in acute ischaemic stroke: for whom might treatment be particularly beneficial or particularly hazardous? 1215 *abs*
 SANDERMANN D *see* SMITH D F *et al*
 SANDRONI S *see* RUSSO L S *et al*
 SANGLE S A *see* WADIA R S *et al*
 SAURON B *see* LAPLANE D *et al*
 SAWADA H, UDAKA F, KAMEYAMA M, SERIU N, NISHINAKA K, SHINDOU K, KODAMA M, NISHITANI N, OKUMIYA K: SPECT findings in Parkinson's disease associated with dementia, 960
 SAWLE G V *et al*: The rate of progression of clinical and subclinical Parkinson's disease, 1215 *abs*
 SCAIOLI V, PAREYSON D, AVANZINI G, SGHIRLANZONI A: F response and somatosensory and brainstem auditory evoked potential studies in HMSN type I and II, 1027
 SCARAVILLI F, LIDOV H, SPALTON D J, SYMON L: Neuroenteric cyst of the optic nerve: case report with immunohistochemical study: *short report*, 1197
 SCARPINI C *see* ROSSI A and SCARPINI C
 SCHADY W *see* MALIK R A *et al*
 SCHELTENS Ph, LEYS D, BARKHOF F, HUGLO D, WEINSTEIN H C, VERMERSCH P, KUIPER M, STEINLING M, WOLTERS E Ch, VALK J: Atrophy of medial temporal lobes on MRI in "probable" Alzheimer's disease and normal ageing: diagnostic value and neuropsychological correlates, 967 *see also* KUIPER M A *et al*
 SCHEREMET R *see* NEUMANN H P H *et al*
 SCHIPPER H I *see* BURKHARDT D *et al*
 SCHMID J *see* YING Z *et al*
 SCHMID U D *see* YING Z *et al*
 SCHMIDBAUER M *see* HAINFELLNER J A *et al*
 SCHMIDT J F *see* HASSELBALCH S G *et al*
 SCHMUTZHARD E *see* HAINFELLNER J A *et al*
 SCHNEEBaum A B *see* FELICE K J *et al*
 SCHOLLMAYER P *see* NEUMANN H P H *et al*
 SCHON F *see* TAN V *et al*
 SCHUMACHER M *see* NEUMANN H P H *et al*
 SCHWEITZER M *see* LUCO C *et al*
 SCOTT L C *see* DOLAN R J *et al*
 SCOTTI G *see* MILLER D H *et al*
 SCOTTISH MOTOR NEURON DISEASE RESEARCH GROUP: The Scottish motor neuron disease register: a prospective study of adult onset motor neuron disease in Scotland. Methodology, dermatography and clinical features of incident cases in 1989, 536
 SELLADURAI B M: Cervical myelopathy due to nuclear herniations in young adults: clinical and radiological profile, results of microdiscectomy without interbody fusion, 604
 SEMENZA C, CIPOLOTTI L, DENES G: Reading aloud in jargonaphasia: an unusual dissociation in speech output, 205
 SENARD J M *see* MONTASTRUC J L *et al*
 SERIU N *see* SAWADA H *et al*
 SGHIRLANZONI A *see* SCAIOLI V *et al*
 SHABTAI H *see* RABEY J M *et al*
 SHAKIR R A: Spontaneous intracerebral haemorrhage: *matters arising*, 84
 SHALIT M N *see* UMANSKY F *et al*
 SHARMA A K *see* MALIK R A *et al*
 SHARMA S *see* SINGHAL S *et al*
 SHARPE J A *see* JOHNSTON J L *et al*
 SHARPE M D *see* HUGHES D R *et al*
 SHAW M D M *see* FOY P M *et al*
 HUMPHEY P R D and SHAW M D M
 HUTTON J L *et al*
 PETTERSON T *et al*
 SMITH D F *et al*
 SHAW P J *et al*: An autoradiographic study of N-methyl-D-aspartate (NMDA) receptors in the normal human motor system and motor neuron disease, 240 *abs*
 SHEEAN G L *see* McCOMBE P A *et al*
 SHEPSTONE B J *see* JOBST K A *et al*
 SHIBASAKI H *see* KAKIGI R and SHIBASAKI H
 TOKUDOME S *et al*
 SHILLITO J: Harvey Cushing's Brigham Hospital - 1991, 514 *abs*
 SHILLITO P *et al*: Evidence for an autoantibody mediated mechanism in acquired neuromyotonia, 1214 *abs*
 SHIMADA H *see* MORI H *et al*
 SHIMIZU T *see* YOKOTA T *et al*
 SHINDOU K *see* SAWADA H *et al*
 SHIROYAMA Y *see* KASHIWAGI S *et al*
 SHISHIDO F *see* ISHIKAWA T *et al*
 SHOJI H *see* TOKUDOME S *et al*
 SHORT D J, STRADLING J R, WILLIAMS S J: Prevalence of sleep apnoea in patients over 40 years of age with spinal cord lesions, 1032
 SHORVON S D *see* MANFORD M and SHORVON S D
 SIBLEY W A, BAMFORD C R, CLARK K, SMITH M S, LAGUNA J F: A prospective study of physical trauma and multiple sclerosis: *matters arising*, 524
 SIMA A A F *see* FOSTER N L *et al*
 SIMON R S *et al*: A quantitative assessment of brain tumour ultrasonic

- enhancement ultrastable lipid-coated microbubbles as a contrast agent, 515 *abs*
- SINCLAIR E *see* SORYAL I *et al*
- SINGH A K *see* TAPARIA S C *et al*
- SINGHAL S, SHARMA S, DIXIT S, DE S, CHANDER S, RATH G K, MEHTA V S: The role of radiation therapy in the management of spinal cord compression due to extramedullary haematopoiesis in thalassaemia: *short report*, 310
- SLATTERY J M *see* HANKEY G J *et al*
- SMADJA D *see* FÈVE A P *et al*
- SMITH A *see* JOBST K A *et al*
- SMITH A D *see* JOBST K A *et al*
- SMITH D *et al*: A placebo controlled double blind crossover trial of Lamotrigine as add-on therapy on seizure frequency, severity, mood and quality of life in patients with treatment resistant epilepsy, 416 *abs*
- SMITH D F, HUTTON J L, SANDERMANN D, FOY P M, SHAW M D M, WILLIAMS I R, CHADWICK D W: The prognosis of primary intracerebral tumours presenting with epilepsy: the outcome of medical and surgical management: *matters arising*, 978
see also HUTTON J L *et al*
- SMITH G D P, HUGHES R A C: Plasma exchange treatment for Guillain-Barre syndrome, 1214 *abs*
- SMITH M S *see* SIBLEY W A *et al*
- SMITH P T *see* GREGORY R P *et al*
- SNIR D *see* COHEN M *et al*
- SNOEK F J *see* TAPHOORN M J B *et al*
- SNOWDEN J S *see* BROWN S *et al*
- SOBOTA W L *see* EVANS J and SOBOTA W L
- SOBUE G *see* KACHIT *et al*
- SOBUE I *see* KACHIT *et al*
- SOCIETY OF BRITISH NEUROLOGICAL SURGEONS: Meeting, London, April 1991, proceedings, 77
- SOCIETY OF BRITISH NEUROLOGICAL SURGEONS with NEW ENGLAND NEUROSURGICAL SOCIETY: London, September 1991, proceedings, 513
- SOFAT A *et al*: Stereotactic biopsy of cerebral lesions in patients with AIDS, 515 *abs*
- SOLIVERI P, BROWN R G, JAHANSHAHI M, MARSDEN C D: Effect of practice on performance of a skilled motor task in patients with Parkinson's disease, 454
- SOMES G *see* HERMANN B P *et al*
- SOMMER N *see* WELLER M *et al*
- SOOD S, MAHAPATRA A K, BHATIA R: Somatosensory and brainstem auditory evoked potential in congenital craniocervical anomaly: effect of surgical management, 609
- SOPER N *see* JOBST K A *et al*
- SØRENSEN S A *see* HASSELBALCH S G *et al*
- SORYAL I
RICHENS A: Bioavailability and dissolution of proprietary and generic formulations of phenytoin, 688
- SINCLAIR E, HORNBY J, PENTLAND B: Impaired joint mobility in Guillain-Barre syndrome: a primary or a secondary phenomenon?, 1014
- SPALTON D J *see* SCARAVILLI F *et al*
- SPATT J *see* GOLDENBERG G *et al*
ODER W *et al*
- SPOKES E G S *see* BIGGINS C A *et al*
- STAPLETON S R, HARKNESS W, WILKINS P R, UTTLEY D: Gliomyosarcoma: an immunohistochemical analysis: *short report*, 728
- STARKSTEIN S E, MAYBERG H S, LEIGUARDA R, PREZIOSI T J, ROBINSON R G: A prospective longitudinal study of depression, cognitive decline, and physical impairments in patients with Parkinson's disease, 377
- STATHAM P *et al*: The Halifax interlaminar clamp system: UK experience, 81 *abs*
- STECK A J *see* KUNTZER T *et al*
- STEIN M *see* RAO S M *et al*
- STEINLING M *see* SCHELTENS Ph *et al*
- STEINMETZ G *see* TRANCHANT C *et al*
- STENAGER E *see* STENAGER E N *et al*
- STENAGER E N, STENAGER E, KOCH-HENRIKSEN N, BRØNNUM-HANSEN H, HYLLESTED K, JENSEN K, BILLE-BRAHE U: Suicide and multiple sclerosis: an epidemiological investigation, 542
- STERN M B *see* DOTY R L *et al*
- STERN M J *see* COHEN M *et al*
- STERZI R *see* BOTTINI G *et al*
- STEVENS A *see* WELLER M *et al*
- STONE J *see* CLARKE C E *et al*
- STONE S P, PATEL P, GREENWOOD R J, HALLIGAN P W: Measuring visual neglect in acute stroke and predicting its recovery: the visual neglect recovery index, 431
- STRACHAN R D *et al*: The effects of hypotension on infarct size, cerebral oedema and cerebral blood flow after experimental middle cerebral artery occlusion, 516 *abs*
see also KANE P J *et al*
- STRADLING J R *see* SHORT D J *et al*
- STRIANO S, MEO R, BILO L, RUOSI P: Partial self induced seizures: an uncommon motivation for auto-induction: *correspondence*, 74
- STROHMAYER T *see* KUNESCH E *et al*
- STURMAN S G *et al*: Cysteine metabolism in motor neuron disease patients and their families, 240 *abs*
- SUGA M *see* KAWATA A *et al*
- SUGISHITA M *see* ISHIAI S *et al*
- SUMIYOSHI K *see* PIETRASZEK M H *et al*
- SUNDARAM C *see* PUROHIT A K *et al*
- SUNDERLAND A, TINSON D J, BRADLEY E L, FLETCHER D, LANGTON HEWER R, WADE D T: Enhanced physical therapy improves recovery of arm function after stroke. A randomised controlled trial, 530
- SUZUKI A *see* ISHIKAWA T *et al*
- SVEINBJORNSDOTTIR S *et al*: Clinical and electrographic features of occipital lobe seizures, 1218 *abs*
- SWINGLER R J, FRASER H, WARLOW C P: Motor neuron disease and polio in Scotland, 1116
- SWINKELS A, WARD C D: The effect of immobilisation on joint position sensation, 1219 *abs*
- SYED G M S *see* O'BRIEN J T *et al*
- SYMON L: Radical excision of craniopharyngioma by the temporal route, 513 *abs*
see also SCARAVILLI F *et al*
- T
TACHIBANA N *et al*: Sleep problems in multiple sclerosis, 1219 *abs*
- TAKADA A *see* PIETRASZEK M H *et al*
- TAKADA Y *see* PIETRASZEK M H *et al*
- TAKAHASHI A *see* KUME A *et al*
- TAN V, WILKINS P, BADVE S, COPPEN M, LUCAS S, HAY R, SCHON F: Histoplasmosis of the central nervous system: *short report*, 619
- TANABE H *see* KAWATA A *et al*
YOKOTA T *et al*
YOKOTA T and TANABE H
- TANAKA M, KONDO S, HIRAI S, ISHIGURO K, ISHIHARA T, MORIMATSU M: Crossed cerebellar diaschisis accompanied by hemiataxia: a PET study, 121
- TANGHE H L J *see* LAMBERTS S W J *et al*
- TAPARIA S C, TYAGI G, SINGH A K, GONDAL R, PRAKASH B: Sellar tuberculoma: *correspondence*, 629
- TAPHOORN M J B, HEIMANS J J, SNOEK F J, LINDEBOOM J, OOSTERINK B, WOLBERS J G, KARIM A B M F: Assessment of quality of life in patients treated for low-grade glioma: a preliminary report, 372
- TARIQ M, KELLERMAN A J: CT guided localisation of brain tumours, 82 *abs*
- TARLOV E C: Results of microvascular decompression, open rhizotomy, radiofrequency lesion and neurectomy in 332 patients with tic douloureux: are these denervation operations? 516 *abs*
- TARSSANEN L T *see* KANTOLA I M and TARSSANEN L T
- TASSINARI C A *see* SALVI F *et al*
- TATEISHI J *see* TRANCHANT C *et al*
- TAYLOR W A S *et al*: Calcitonin gene related peptide increases cerebral blood flow in a model of focal cerebral ischaemia? 516 *abs*
Factors affecting outcome after aneurysmal subarachnoid haemorrhage, 77 *abs*
- TE NIJENHUIS F C A M *see* HAGEMAN G *et al*
- TEASDALE E *see* BROSNAN D *et al*
- TEASDALE G *et al*: Severe head injuries in British neurosurgical units: initial severity, management and outcome, 78 *abs*
- TEJEIRO J *see* GARCIA-ALBEA E *et al*
- THEODORE W H *see* RAO S M *et al*
- THIE A *see* HINSE P and THIE A
- THÖMKE F
HOPF H C: Unilateral vestibular paralysis as the sole manifestation of mumps: *correspondence*, 858
- HOPF H C, KRÄMER G: Internuclear ophthalmoplegia of abduction: clinical and electrophysiological data on the existence of an abduction paresis of prenuclear origin, 105
- THOMPSON A J *et al*: Seizures due to multiple sclerosis, 243 *abs*
see also CONFAVREUX C *et al*; MILLER D H *et al*
- THOMPSON P D *see* BHATIA K *et al*
KAPOOR R *et al*
- THOMSON G T D *see* JOHNSTON J L *et al*
- THORPE J W *et al*: Spinal cord magnetic resonance imaging in multiple sclerosis using multi-array coils and fast spin echo, 1213 *abs*
- THRON A *see* FERBERT A and THRON A
- TIDSWELL P *et al*: Nature of cognitive deficits following aneurysm rupture: influence of aneurysm site and clinical complications, 244 *abs*
- TIENARI P J, SALONEN O, WIKSTROM J, VALANNE L, PALO J: Familial multiple sclerosis: MRI findings in clinically affected and unaffected siblings, 883
- TIMMINGS P L, RICHENS A: "Named patient" experience with lamotrigine in Cardiff: a review, 422 *abs*

- TINSON D J *see* SUNDERLAND A *et al*
TOKIMURA Y, KURIYAMA M, ARIMURA K, FUJIYAMA J, OSAME M: Electrophysiological studies in cerebrotendinous xanthomatosis, 52
TOKUDOME S, SHIBASAKI H, ITOYAMA Y, SHOJI H, NAKAMURAT, MIYOSHI T, MURAI Y, IKEDA M: HAM/TSP attributable to blood transfusion: *correspondence*, 738
TOMMASI M *see* BROUSSOLLE E *et al*
TOMSON T *see* LINDBOM U *et al*
TOUBOUL P J *see* MAS J-L *et al*
TRAN-DINH S *see* BARON J C *et al*
TRANCHANT C, DOH-URA K, WARTER J M, STEINMETZ G, CHEVALIER Y, HANAUER A, KITAMOTO T, TATEISHI J: Gerstmann-Straussler-Scheinker disease in an Alsatian family: clinical and genetic studies, 185
TRANIER S, DUREY A, CHEVALLIER B, LIOT F: Value of somatosensory evoked potentials in saphenous entrapment neuropathy, 461
TRESS B *see* KIERS L *et al*
TRIGGS W J, ROE C R, RHEAD W J, HANSON S K, LIN S-N, WILLMORE L J: Neuropsychiatric manifestations of defect in mitochondrial beta oxidation response to riboflavin, 209
TRILLET M *see* CHARLES N *et al*
REVOL A *et al*
TRIMBLE M R: Behaviour changes following temporal lobectomy, with special reference to psychosis: *editorial*, 89
see also RING H A *et al*
TRIO R *see* PISANI F *et al*
TROUILLAS P *see* NIGHOGHOSSIAN N *et al*
TSUBURAYA K *see* IMAMURA T *et al*
TSUCHIDA E *see* KASHIWAGI S *et al*
TUÑÓN T *see* VAAMONDE J *et al*
TURJANSKI N, LEES A J: Gamma vinyl GABA in the treatment of Levodopa-induced dyskinesias in Parkinson's disease: *correspondence*, 413
TURJMAN F *see* CHARLES N *et al*
TWIJNSTRA A *see* BOHNEN N *et al*
TYAGI G *see* TAPARIA S C *et al*
TYOR W R *see* FREIMER M L *et al*
TYRRELL P *see* ROSSER M N and TYRRELL P
- U
UDAKA F *see* SAWADA H *et al*
UEMURA K *see* ISHIKAWA T *et al*
UENO S, HARA Y: Lambert-Eaton myasthenic syndrome without anti-calcium channel antibody: adverse effect of calcium antagonist diltiazem: *short report*, 409
UHDE T W *see* RAO S M *et al*
UK TIA ASPIRIN STUDY GROUP *see* COLEMAN R J *et al*
UMANSKY F, ASHKENAZI E, GERTEL M, SHALIT M N: Surgical outcome in an elderly population with intracranial meningioma, 481
URANO T *see* PIETRASZEK M H *et al*
USMAN M *see* RAO S M *et al*
UTTLEY D *see* FILLER A G *et al*
STAPLETON S R *et al*
- V
VAAMONDE J, MURUZABAL J, TUÑÓN T, PEREZ N, ARTIEDA J, RODRIGUEZ M, OBESO J A: Abnormal muscle and skin mitochondria in family with myoclonus, ataxia, and deafness (May and White syndrome), 128
VACH W *see* KRAUSS J K *et al*
VAILLANT G *see* VERGES B *et al*
VALANNE L *see* TIENARI P J *et al*
VALENTI C *see* MASTROIANNI C M *et al*
VALENTINE A R *see* McALLISTER R J *et al*
VALENZUELA R, COURT J, GODOY J: Delayed cyanide induced dystonia, 198
VALK J *see* SCHELTENS Ph *et al*
VALLAR G *see* BOTTINI G *et al*
VALLS-SOLÉ J *see* BRASIL-NETO J P *et al*
VAN DE VLASAKKER C J W *see* HORSTINK M W I M *et al*
VAN DEN BERG L H, MARRINK J, DE JAGER A E J, DE JONG H J, VAN IMHOFF G W, LATOV N, SADIQ S A: Anti-GM1 antibodies in patients with Guillain-Barré syndrome, 8
VAN DER MECHÉ F G A, KLEYWEG R P: Aseptic meningitis associated with high dose intravenous immunoglobulin therapy: *matters arising*, 980
VAN DER SANDE J J *see* BOOGERD W *et al*
VAN GIJN J *see* FRANKE C L *et al*
KOUDESTAAL P J *et al*
VAN HAESSENDONCK J *see* PAQUIER P *et al*
VAN IMHOFF G W *see* VAN DEN BERG L H *et al*
VAN LAART T, JANSEN E N H, ESSINK A W G, RUTTEN W J, NEEF C: Rectal apomorphine: a new treatment modality in Parkinson's disease: *correspondence*, 737
VAN LOON J *see* MEGENS J *et al*
VAN POPPEL H *see* FOWLER C J *et al*
- VAN SWIETEN J C *see* FRANKE C L *et al*
VAN VUGT P *see* PAQUIER P *et al*
VANKERREBROECK Ph E V *see* FOWLER C J *et al*
VANNESTE J *see* AUGUSTIJN P and VANNESTE J
VAQUERO A *see* GARCIA-ALBEA E *et al*
VAUGHAN M *see* BROWN S *et al*
VELDMAN H *see* JENNEKENS F G I *et al*
VENTURA P *see* PAVESI G *et al*
VERDRU P: Late onset globoid cell leukodystrophy: *matters arising*, 980
VERED Y *see* RABEY J M *et al*
VERGES B, GIROUD M, VAILLANT G, VERGES-PATOIS B, BRUN J M, PUTELAT R: Ultrasensitive TSH assay and anti-Parkinsonian treatment with levodopa: *correspondence*, 1210
VERGES-PATOIS B *see* VERGES B *et al*
VERHAGEN W I M *see* PRICK M J J and VERHAGEN W I M
VERHOEFF P *see* RING H A *et al*
VERMERSCH P *see* SCHELTENS Ph *et al*
VERMEULEN M *see* KOUDESTAAL P J *et al*
VEVES A *see* MALIK R A *et al*
VICUÑA X *see* LUCO C *et al*
VIDAILHET M *see* MARCONI R *et al*
VIELHABER S *see* FERBERT A *et al*
VIGEVANO F *see* FUSCO L *et al*
VIGHETTO A *see* CHARLES N *et al*
NIGHOGHOSSIAN N *et al*
REVOL A *et al*
VIGNAU J *see* ALVAREZ B *et al*
VINGERHOETS H M *see* HORSTINK M W I M *et al*
VITA G *see* GIRLANDA P *et al*
VITAL A *see* LOISEAU H *et al*
VITAL C *see* LOISEAU H *et al*
VOLK B *see* NEUMANN H P H *et al*
VORTMEYER A O, HAGEL C, LAAS R: Haemorrhagic thiamine deficient encephalopathy following prolonged parenteral nutrition, 826
VRETHEM M *see* ERNERUDH J H *et al*
VROEGINDEWEIJ-CLAESSENS L J H M *see* JENNEKENS F G I *et al*
VULLO V *see* MASTROIANNI C M *et al*
VUORELA A-L *see* FOGELHOLM R *et al*
- W
WADE D T *see* HALLIGAN P W *et al*
SUNDERLAND A *et al*
WADIA R S, SANGLE S A, KRIPALANEY S, BAFNA M, KARVE S R: Familial intracranial haemorrhage due to factor V deficiency: *short report*, 227
WAGLE V G *et al*: Is helmet use beneficial to motorcyclists? 519 *abs*
WAKHLOO A K *see* KRAUSS J K *et al*
NEUMANN H P H *et al*
WALDEMAR G *see* HASSELBALCH S G *et al*
WALI G M: Paroxysmal hemidystonia induced by prolonged exercise and cold: *correspondence*, 236
WALSH A R *et al*: Surgery for temporal lobe epilepsy: perspective from preoperative corticography and tailored resections, 82 *abs*
WALSH P *see* PANAYIOTOPOULOS C P *et al*
WALSHE J M, YEALLAND M: Wilson's disease: the problem of delayed diagnosis, 692
WANGEL A G *see* PANEGYRES P K *et al*
WARD C D: Medical education and the challenge of neurological disability, 54 *suppl.*
WARLOW C *see* DENNIS M and WARLOW C
WARLOW C P: Hither neurology: research, 26 *suppl.*
see also CHANCELLOR A M and WARLOW C P; HANKEY G J *et al*; HANKEY G J and WARLOW C P; SWINGLER R J *et al*
WARNER T T *et al*: Linkage studies for chromosome 9q32-34 in British families with idiopathic torsion dystonia, 1215 *abs*
WARTER J M *see* TRANCHANT C *et al*
WATANABE H *see* KUME A *et al*
WATERSTON J A, BARNES G R, GREALY M A, LUXON L M: Coordination of eye and head movements during smooth pursuit in patients with vestibular failure, 1125
WATKINS L D *et al*: Skull base chordomas, 518 *abs*
WATTS R A *see* HALL F C *et al*
WEAR A *see* JOBST K A *et al*
WEINSTEIN H C *see* KUIPER M A *et al*
SCHELTENS Ph *et al*
WEINTRAUB S *see* LIU G T *et al*
WELCH K M A *see* D'ANDREA G *et al*
WELLER I V D *see* McALLISTER R J *et al*
WELLER M, STEVENS A, SOMMER N, WIETHÖLTER H: Tumour necrosis factor-alpha in malignant melanomatous meningitis: *correspondence*, 74
WELLER R O *see* ELLIS C J *et al*
WENGEND D *see* ETTLIN T M *et al*
WENNING G *et al*: Recovery of the hypothalamic-pituitary-adrenal (HPA) axis from suppression by short term high dose intravenous

- prednisolone in patients with multiple sclerosis, 1219 *abs*
 WESS J *see* BECKER J T *et al*
 WESSELY S: Chronic fatigue syndrome: *matters arising*, 85
 WIESTLER O *see* NEUMANN H P H *et al*
 WIETHÖLTER H *see* WELLER M *et al*
 WIJNDAELE L *see* CASTEELS-VAN DAELE M *et al*
 WIJNEN G *see* BOHNEN N *et al*
 WIJNGAARDE R *see* LAMBERTS S W J *et al*
 WIKSTROM J *see* TIENARI P J *et al*
 WILDEN J N: The prognosis of primary intracerebral tumours presenting with epilepsy: the outcome of medical and surgical management: *matters arising*, 978
 WILDER-SMITH E: Complete atrio-ventricular conduction block during complex partial seizure: *lesson of the month*, 734
 WILES C M *see* NATHADWARAWALA K M *et al*
 WILKINS P *see* TAN V *et al*
 WILKINS P R *see* STAPLETON S R *et al*
 WILKINSON D G: The psychogeriatrician's view: management of chronic disability in the community, 41 *suppl.* ^{1A}
 WILKINSON H A: Stereotactic radiofrequency upper thoracic sympathectomy—an eleven year experience, 520 *abs*
 WILKINSON I M A: UK national audit of the care of common neurological disorders, 1215 *abs*
 WILL R G, MILLER J D: A neurosurgical Munchausen revisited: *correspondence*, 737
 WILLIAMS B *see* MORGAN D and WILLIAMS B
 WILLIAMS D H *see* LEVIN H S *et al*
 WILLIAMS I R: Neurology in the market place, 15 *suppl.*
see also HUTTON J L *et al*; SMITH D F *et al*
 WILLIAMS S J *see* SHORT D J *et al*
 WILLMORE L J *see* TRIGGS W J *et al*
 WILS V: Extrapramidal symptoms in a patient treated with fluvoxamine: *correspondence*, 330
 WILSON B: Recovery and compensatory strategies in head injured memory impaired people several years after insult, 177
 WILSON P J E M: Alleged professional negligence involving neurological and neurosurgical patients: a review of 115 cases, 515 *abs*
 WINDSOR I M *see* BHIGJEE A I *et al*
 WOLBERS J G *see* KAMPHORST W *et al*
 TAPHOORN M J B *et al*
 WOLTERS E Ch *see* KUIPER M A *et al*
 SCHELTENS Ph *et al*
 WOO J *see* KAY R *et al*
 WOOD N W *et al*: Multiple sclerosis and the T-cell receptor beta locus, 1213 *abs*
see also MUMFORD C J *et al*
 WOOD V A *see* HEWER R L and WOOD V A
 WROBLEWSKI B A, JOSEPH A B: Intramuscular midazolam for treatment of acute seizures or behavioural episodes in patients with brain injuries: *correspondence*, 328
 WROE S J *et al*: The epidemiology of Steele Richardson Olszewski syndrome, 1219 *abs*
see also BHATTACHARJEE M B *et al*
 WU Z-A *see* CHANG M-H *et al*
 WYLER A R *see* HERMANN B P *et al*
- Y**
 YALAZ K, TOPALOGLU H, AKSU M, GUCUYENER K, TOPCU M: A predominantly cervical form of spinal muscular atrophy: *matters arising*, 523
 YAMADORI A *see* IMAMURA T *et al*
 OHKAWA S *et al*
 YAMANOUCHI H *see* MORI H *et al*
 YAMASHITA T *see* KASHIWAGI S *et al*
 YASUI N *see* ISHIKAWA T *et al*
 YATES D A *see* KENNY B G *et al*
 YEALLAND M *see* WALSHE J M and YEALLAND M
 YING Z, SCHMID U D, SCHMID J, HESS C W: Motor and somatosensory evoked potentials in coma: analysis and relation to clinical status and outcome, 470
 YOKOTA T
 SHIMIZU T, HAYASHI H, HIROSE K, TANABE H: F-response during cataplexy: *correspondence*, 75
 TANABE H: Oedema associated with the interruption of preganglionic sympathetic tract: *correspondence*, 232
 YONEYAMA S *see* KUME A *et al*
 YOSHIDA T *see* OHKAWA S *et al*
 YOSHIMURA M *see* MORI H *et al*
 YOUL B D *see* FEINSTEIN A *et al*
 YOUNES-CHENNOUFI A B *see* LÉGER J M *et al*
 YOUNG A B *see* BOWEN D M *et al*
 YOUNG S A *see* HALL D P and YOUNG S A
 YOUNG W: Medical treatments of acute spinal cord injury: *editorial*, 635
 YU Y L *see* LEUNG C M *et al*
- Z**
 ZAJICEK J P *et al*: Microglia—oligodendrocyte interactions in vitro: a role for complement and tumour necrosis factor, 417 *abs*
 ZAMANI A A *see* GUTRECHT J A *et al*
 ZAMBERLAN F *see* D'ANDREA G *et al*
 ZANETTE G *see* POLO A *et al*
 ZUBER M, DEFER G, CESARO P, DEGOS J-D: Efficacy of cyclophosphamide in sarcoid radiculomyelitis: *correspondence*, 166
see also LÉGER J M *et al*

VOLUME 55: SUBJECT INDEX

- A**
- Abduction paresis of prenuclear origin**, internuclear ophthalmoplegia, electrophysiology, 105
- Abscess**
intracerebral, following an aneurysm clipping: *correspondence*, 237
intramedullary spinal cord: *short report*, 225
- Absence seizures**, typical, in adults, clinical, EEG, video-EEG findings and diagnostic/syndromic considerations, 1002
- Accessory deep peroneal nerve**, pitfall for the electromyographer: *short report*, 214
- Acid maltase deficiency**, adult onset, associated with epilepsy and dementia, case report: *correspondence*, 509
- Acoustic nerve tumour**, predicting facial nerve function after surgery, use of nerve stimulator and monitor, 79 *abs*
- Acoustic neuroma**
fate of capsular remnants after removal, 79 *abs*
preservation of facial nerve during surgery with continuous EMG, 79 *abs*
- ACTH secreting pituitary adenomata**, transphenoidal surgery, 513 *abs*
- Adenoma**, ectopic parasellar pituitary, with subarachnoid seeding: *correspondence*, 73
- AIDS**
and central pontine myelinolysis: *correspondence*, 631
stereotactic biopsy of cerebral lesions, 515 *abs*
- Air embolism**, prevention during neurosurgery, preoperative contrast echocardiography, 518 *abs*
- Akathisia** and iron: *matters arising*, 1221
- Alexia**, pure, and right hemiachromatopsia, in posterior dementia: *short report*, 500
- Alien hand** and related signs, 806
- Allochiria**, in a case of left visuo-spatial neglect (left on the right): *short report*, 717
- Aluminium** intoxication in undialysed adults with chronic renal failure, 697
- Alzheimer's disease**
dementia, acetylcholinesterase and butyrylcholinesterase in cerebrospinal fluid, 1074
familial, genetic linkage to amyloid precursor protein locus on chromosome 21, 242 *abs*
heterogeneity, progression rate segregated by distinct neuropsychological and cerebral metabolic profiles, 956
medial temporal lobe atrophy and reduced blood flow in parietotemporal cortex, 190
neuropathological features in non-demented Parkinsonian patients: *matters arising*, 525
probable
material-specific memory loss, 1177
and normal ageing, atrophy of medial temporal lobes, 967
regional cerebral blood flow and cognitive performance, 1182
treatment: *correspondence*, 328
- Amitriptyline**, causing acute dystonia: *correspondence*, 414
- Amnesia**, transient, heralding brain stem infarction: *correspondence*, 977
- Amputation stumps**, spasms: *short report*, 626
- Amygdalohippocampectomy**, stereotactic selective, alternative approach, 82 *abs*
- Amyloid myopathy**, presenting with respiratory failure: *short report*, 162
- Amyloid polyneuropathy**, familial, molecular genetic studies, Ireland and UK, 1215 *abs*
- Amyloid precursor protein locus**, on chromosome 21, and familial Alzheimer's disease, 242 *abs*
- Amyloidosis**, clustering, 1215 *abs*
- Amyotrophic lateral sclerosis**, sensory nerve dysfunction, 416 *abs*
- Amyotrophy**, post radiation monomelic: *correspondence*, 629
- Anarthria**, progressive, with secondary Parkinsonism, 577
- Aneurysm**
clipping, intracerebral abscess following: *correspondence*, 237
intracranial
possible association with certain HLA antigens, 77 *abs*
ruptured, management, 77 *abs*
posterior cerebral artery, a different approach, 77 *abs*
of rostral basilar artery, and transient pure sensory strokes: *correspondence*, 72
rupture, cognitive deficits, 244 *abs*
- Aneurysmal subarachnoid haemorrhage**, *see* Subarachnoid haemorrhage, aneurysmal
- Angioma**, cerebral cavernous, potentially benign condition, successful treatment in 16 cases, 1040
- Angiostrongylus cantonensis**: *matters arising*, 861
abscess in the brain; what do we learn: *matters arising*, 982
- Anterior cerebral artery territory infarction**, homolateral ataxia and crural paresis, 1146
- Anterior interosseous nerve lesions**, favourable outcome, 419
- Anterior spinal artery syndrome**, MRI: *short report*, 838
- Anterior temporal lobectomy**, psychosocial outcome, 491
- Anti-GM1 antibodies**, in Guillain-Barré syndrome, 8
- Anti-nerve antibodies**, in chronic idiopathic demyelinating polyradiculoneuropathy, 1214 *abs*
- Anticoagulant treatment** as risk factor for primary intracerebral haemorrhage, 1121
- Anticonvulsant drugs**, prophylactic, and alteration of seizure patterns after craniotomy, 753
- Antithrombotic therapy** in stroke, 1215 *abs*
- Aphasia**, subcortical, from a thalamic abscess: *short report*, 319
- Apomorphine**
and levodopa, beginning-of-dose deterioration following, Parkinson's disease, 1024
in Parkinsonism, paradoxical akinetic response: *correspondence*, 414
rectal, new treatment modality in Parkinson's disease: *correspondence*, 737
- Aqueous humour**, in multiple sclerosis, iso-electric focusing of IgG, 420 *abs*
- Arm function**, recovery following stroke, 423 *abs*
- Arteriovenous malformations**
cerebral, haemodynamic functional classification using single photon emission tomography (SPET), 518 *abs*
stereotactic linac radiosurgery, 590
surgical outcome, 518 *abs*
of transverse dural venous sinus, 77 *abs*
- Arteriovenous oxygen difference**, cerebral blood flow, and outcome in head injured patients, 594
- Articulatory dyspraxia**, cerebral localisation: *correspondence*, 168: *matters arising*, 1220
- Aseptic meningitis**, associated with high dose intravenous immunoglobulin therapy: *matters arising*, 980
- Astrocytomas**, basal ganglia and thalamus, movement disorders, 1162
- Ataxia(s)**
degenerative, inherited, thiamine status, 136
familial paroxysmal, report of a family, 212, 242 *abs*
- Ataxic hemiparesis** with cheiro-oral syndrome in capsular infarction: *correspondence*, 859
- Atlantoaxial dislocation**, causing respiratory abnormalities, 1217 *abs*
- Atrio-ventricular conduction block**, complete, during complex partial seizure: *lesson of the month*, 734
- Atropine**, effects on autonomic indices, ECG R-R intervals, 31
- Attempted hanging**, neuropsychological sequelae: *matters arising*, 522
- Audit**
clinical, and neurology, 19 *suppl.*
neurological, Vitoria, Spain: *correspondence*, 507
neurology, hospital outpatient clinics, South Catalonia: *matters arising*, 522
UK national, of care of common neurological disorders, 1215 *abs*
- Auditory evoked potential**, somatosensory and brainstem, studies, in HMSN type I and II, 1027
- Autoinduction**, and partial self induced seizures: *correspondence*, 74
- Autoregulation**, cerebral, continuous monitoring, aspects of pulsatile intracranial haemodynamics, 78 *abs*
- Axilla skin biopsy**, in diagnosis of early case of Lafora's disease: *short report*, 1084
- Axonal transport**, imaging, is axoplasmic flow clinically relevant? 515 *abs*
- Axonopathy**, severe demyelination mimicking, in pseudoaxonal Guillain-Barré syndrome: *short report*, 1079
- B**
- B-cells lymphoma**, primary temporal lobe, in HLA DR2 negative subject, associated with narcolepsy: *short report*, 852
- Basal ganglia**
astrocytomas, movement disorders, 1162
haemorrhage, traumatic, with slight clinical signs and complete recovery: *correspondence*, 72
lesions, due to disulfiram neurotoxicity, 925
- Behavioural dysfunction**, and visual and acoustic hyperaesthesia after mild head injury: *short report*, 222
- Behavioural episodes**, in brain injuries, intramuscular midazolam: *correspondence*, 328
- Bell's palsy**, acute stage, and narrowing of the palpebral fissure caused by drooping of the eyebrow and upper eyelid: *correspondence*, 976
- Bilateral paramedian thalamic infarction**, distinct but poorly recognised stroke syndrome, 242 *abs*
- Bimodal extinction** without cross-modal extinction, 36

- Bioppterin**, folate homocysteine and monoamine metabolism, in depression, 419 *abs*
- Blepharospasm**, new variant, 369
- Blocked cerebrospinal fluid shunts**, children, middle cerebral artery pulsatility: *short report*, 325
- Blood-brain barrier** breakdown, in inflammatory demyelination, towards mechanism, 417 *abs*
- Blood flow**
distribution, postictal switch, and temporal lobe seizures, 891
velocity, intracranial, after severe brain injury, transcranial Doppler study, 78 *abs*
- Blood transfusion**, HAM/TSP attributable to: *correspondence*, 738
- Boron neutron capture therapy (BNCT)**, for intracranial tumours, current status, 513 *abs*
- Botulinum toxin therapy**, for torticollis, psychological functioning before and after treatment: *short report*, 229
- Botulinum toxin therapy**, distant effects on neuromuscular transmission and autonomic nervous system: *short report*, 844
- Bourneville's tuberous sclerosis**, account of first case, 929
- Brachialgia**, surgical treatment, 82 *abs*
- Bradyphrenia**, and Parkinson's disease, 241 *abs*
- Brain**, in schizophrenia: *matters arising*, 522, 981
- Brain damage**, unilateral, after prolonged hemiconvulsions in the elderly, during theophylline treatment, 466
- Brain injury**
hysteria following, 1046
severe
increased intracranial blood flow velocity after, transcranial Doppler study, 78 *abs*
intracranial pressure therapy, value of monitoring transcranial Doppler and jugular bulb venous oxygen saturation during, 519 *abs*
traumatic, temporally related changes of sleep complaints: *short report*, 313
- Brain mapping**, useful tool or dangerous toy: *editorial*, 527
- Brain stem**
auditory evoked potentials, and intracranial pressure in coma, combined monitoring, 792
decompensation, in Chiari deformities, and relationship to CSF volume, 514 *abs*
dysfunction, acute, differentiation from peripheral effector neuron failure, critically ill patient: *short report*, 68
infarction, transient amnesia heralding: *correspondence*, 977
lesions, site, causing semicircular canal paresis, MRI study, 446
- Brain tumour**
CT guided localisation, 82 *abs*
of right cerebral hemisphere, and hypergraphia, 25: *matters arising*, 861
ultrasonic enhancement, ultrastable lipid-coated microbubbles as contrast agent, quantitative assessment, 515 *abs*
- Breast cancer**, spinal epidural metastasis, early diagnosis and treatment, prospective study, 1188
- Brigham Hospital**, Harvey Cushing's, 1991, 514 *abs*
- British and American Neuropsychiatry Associations**, proceedings of joint summer meeting, 12-14 July 1992, Oxford, 1098
- Broad beans**, consumption, and improvement of Parkinsonian features: *short report*, 725
- Brown-Sequard syndrome**, transient, caused by cervical spinal extradural haematoma: *correspondence*, 239
- C**
- C-fibre-mediated sensibility**, disturbances, in lumbosacral disc disease: *matters arising*, 1222
- Calcitonin gene related peptide**
effect on outcome after aneurysmal subarachnoid haemorrhage, 517 *abs*
increases cerebral blood flow in model of focal cerebral ischaemia? 516 *abs*
- Calcium channel blockers**, episodic paroxysmal hemicrania responsive to: *correspondence*, 166
- Callosal agenesis**, abnormal visuomotor performance, 1218 *abs*
- Cambridge Multiple Sclerosis Basic Score**, new rating scale, 242 *abs*
- Camino intracranial pressure monitoring**, in craniosynostosis, 79 *abs*
- Capsular infarction**, and ataxic hemiparesis with cheiro-oral syndrome: *correspondence*, 859
- Capsular remnants**, fate following removal of acoustic neuromas, 79 *abs*
- Carbon dioxide** sensitivity, unilateral medullary lesions and sleep apnoea, 1217 *abs*
- Carcinomatosis** and multiple system atrophy, in cerebellar syndrome in myxoedema: *short report*, 616
- Cardiac transplantation**, chronic cough following, vagal Mitempfundung: *short report*, 723
- Carotid cavernous fistulas**, neuro-ophthalmic features, treatment by endoarterial balloon embolisation, 553
- Carotid territory ischaemia**, screened by carotid ultrasound, and cerebral angiography complications, 1215 *abs*
- Cat scratch disease**, encephalitis, and persistent dementia, 133
- Cataplexy**, F-response during: *correspondence*, 75
- Catecholamine reuptake sites**, and physiopathology of MPTP-induced Parkinsonism: *correspondence*, 167
- Catecholamines**, platelet, in cluster headache: *short report*, 308
- Caudal brainstem lesions**, and sleep apnoea, 1217 *abs*
- Ceftazidime** encephalopathy, absence status and toxic hallucinations: *correspondence*, 333
- Central pontine myelinolysis**, in patient with AIDS: *correspondence*, 631
- Cerebellar hypometabolism**, in inherited prion disease, PET, 422 *abs*
- Cerebellar pathways**, abnormally increased activity, neuropathic and essential tremors both associated, 1216 *abs*
- Cerebellar and proprioceptive deficits**, and lacunar thalamic stroke: *short report*, 854
- Cerebellar syndrome** in myxoedema revisited, published case with carcinomatosis and multiple system atrophy at necropsy: *short report*, 616
- Cerebral angiography**, complications in patients with symptomatic carotid territory ischaemia screened by carotid ultrasound, 1215 *abs*
- Cerebral blood flow**
arteriovenous oxygen difference, and outcome in head injured patients, 594
changes, and transcranial Doppler velocity, 516 *abs*
in migraine, using 99m-Tc-HMPAO and SPET, visual and computerised image analysis, 244 *abs*
reduced, in Huntington's disease, studied by SPECT, 1018
regional, and cognitive performance in Alzheimer's disease, 1182
regional abnormalities, in depressed patients with cognitive impairment, 768
- Cerebral cavernous angioma**, potentially benign condition, successful treatment in 16 cases, 1040
- Cerebral ischaemia**, focal, calcitonin gene related peptide increases cerebral blood flow, model, 516 *abs*
- Cerebral lesion**, laterality, qualitative differences, and visuo-spatial neglect, 1060
- Cerebral localisation**, in articulatory dyspraxia: *correspondence*, 168: *matters arising*, 1220
- Cerebral palsy**, genetic mutation, 1216 *abs*
- Cerebral perfusion**, in acute ischaemic stroke, transcranial Doppler monitoring, 243 *abs*
- Cerebral venous thrombosis**, in paroxysmal nocturnal haemoglobinuria: *correspondence*, 412
- Cerebrospinal fluid** hydrodynamics, in superior sagittal sinus thrombosis, 287
- Cerebrospinal fluid shunts**, blocked, children, middle cerebral artery pulsatility: *short report*, 325
- Cerebrotendinous xanthomatosis**, electrophysiological studies, 52
- Cerebrovascular disease**, and cysticercosis: *review*, 252
- Cervical form of spinal muscular atrophy**: *matters arising*, 523
- Cervical myelopathy**, due to nuclear herniations, microdiscectomy without interbody fusion, young adults, 604
- Cheiro-oral syndrome** and ataxic hemiparesis in capsular infarction: *correspondence*, 859
- Chiari deformities**, and brainstem decompensation, relationship to CSF volume, 514 *abs*
- Chlamydia pneumoniae** infection, and lumbosacral meningoradiculitis: *correspondence*, 511
- Chlorambucil** fails to improve patients with motor neuropathies and antibodies to gangliosides: *correspondence*, 857
- Cholinesterases**, in cerebrospinal fluid, dementia of Alzheimer type, 1074
- Chordomas**, skull base, 518 *abs*
- Chromosome 9q32-34**, linkage studies in British families with idiopathic torsion dystonia, 1215 *abs*
- Chromosome 21**, linkage, in familial Alzheimer's disease, 242 *abs*
- Chronic fatigue syndrome**, diagnosis and definition: *matters arising*, 85
- Chronic idiopathic demyelinating polyradiculoneuropathy**, anti-nerve antibodies, 1214 *abs*
- Chronic inflammatory polyneuropathy**, associated with nephropathy and anti-factor VIII antibody, improvement with intravenous immunoglobulin: *correspondence*, 975
- Chronic relapsing experimental allergic encephalomyelitis**, blood-brain barrier breakdown, 417 *abs*
- Chronic renal failure**, aluminium intoxication in undialysed adults, 697
- Chronic sensory demyelinating neuropathy**, chronic inflammatory demyelinating polyneuropathy presenting as a pure sensory neuropathy, 677
- Clinical audit**, and neurology, 19 *suppl.*
- Clonazepam**, discontinuation in active epilepsy, 1216 *abs*
- Closed head injury**
mild to moderate, neurobehavioural findings after, serial MRI, 255
severe, behavioural and psychosocial sequelae, SPECT study, 475

- SPECT, CT and MRI compared, 92
- Cluster headache**, platelet catecholamines: *short report*, 308
- Cocaine** abuse simulating the aura of migraine: *correspondence*, 628
- Coding**, neurosurgical operative, problems and progress, 80 *abs*
- Cognitive abnormalities**, and cerebral glucose metabolism, in neuropsychiatric systemic lupus erythematosus, 1054
- Cognitive components** of reaction time in Parkinson's disease, 658
- Cognitive deficits**, following aneurysm rupture, 244 *abs*
- Cognitive performance**, in Alzheimer's disease, and regional cerebral blood flow, 1182
- Collagen vicryl membrane**, as new dural substitute, 80 *abs*
- Collet-Sicard syndrome**, as complication of cardiovascular surgery: *correspondence*, 741
- Coma**
medical, defining prognosis: *matters arising*, 523
motor and somatosensory evoked potentials, 470
- Common neurological disorders**, care, UK national audit, 1215 *abs*
- Computed tomography** guided localisation of brain tumours, 82 *abs*
- Computed tomography**, SPECT and MRI compared, after closed head injury, 92
- Computers**, mouse-directed, and ulnar sensory neuropathy: *correspondence*, 232
- Conduction impairment**, patterns in experimental allergic neuritis, electrophysiology and histology, 909
- Congophilic kuru plaques**, and Creutzfeldt-Jakob disease *short report*, 849
- Convergence paralysis**, dissociated unilateral, in thalamotectal haemorrhage: *short report*, 731
- Cordotomy**, cervical, respiratory dysfunction syndrome after, location of respiratory fibres, 1142
- Correction**, 1223
- Craniotomies** for epilepsy, seizure outcome, 762
- Cortical basal ganglionic degeneration**, presenting with progressive loss of speech output and orofacial dyspraxia: *matters arising*, 1101
- Corticospinal facilitation of lower limb spinal motor neurons**, changes after spinal cord lesions, 20
- Corticosteroids**, and prevention of adverse reactions to myelography, 420 *abs*
- Cost-effective investigation** of suspected transient ischaemic attacks: *editorial*, 171
- Cotugno, Domenico**, CSF, and origins of sciatica, 1100
- Cough**, chronic, following cardiac transplantation, vagal Mitempfundung: *short report*, 723
- Coxsackie B virus infection**, associated with acute sensory and autonomic neuropathy: *short report*, 613
- Craniopharyngioma**
management, 513 *abs*
radical excision by temporal route, 513 *abs*
- Craniospinal metastasis**, hepatoma presenting as, analysis of sixteen cases, 1037
- Craniostylosis**, Camino intracranial pressure monitoring, 79 *abs*
- Craniotomy**, seizure patterns after, and prophylactic anticonvulsant drugs, 753
- Craniovertebral anomaly**, congenital, somatosensory and brainstem auditory evoked potential, effect of surgery, 609
- Craniovertebral junction**, ventrally placed tumours, lateral approach, 81 *abs*
- Creutzfeldt-Jakob disease**
with congophilic kuru plaques: *short report*, 849
diagnostic and pre-symptomatic testing, 242 *abs*
growth hormone induced, further British case: *short report*, 1200
in recipient of human pituitary-derived gonadotrophin, second case: *short report*, 1094
- Cross-modal extinction**, bimodal extinction without, 36
- Crossed cerebellar diaschisis**, accompanied by hemiataxia, PET study, 121
- Cruciate paralysis**, immediate reversal following transoral removal of odontoid in rheumatoid arthritis with basilar invagination and Chiari I malformation, 519 *abs*
- Cushing**, Harvey, Brigham Hospital, 1991, 514 *abs*
- Cyanide induced dystonia**, delayed, 198
- Cyclophosphamide**, efficacy in sarcoid radiculomyelitis: *correspondence*, 166
- Cyclosporine toxicity**, and delusions: *correspondence*, 742
- Cysteine** metabolism in motor neuron disease patients and their families, 240 *abs*
- Cysticercosis**, and cerebrovascular disease: *review*, 252
- D**
- Delayed radiation necrosis** of the central nervous system in pituitary tumours, 949
- Delayed sleep phase syndrome**, clinical and investigative findings, 14 subjects, 665
- Delusions**, and cyclosporine toxicity: *correspondence*, 742
- Dementia**
and epilepsy, and adult onset acid maltase deficiency: a case report: *correspondence*, 509
- in Parkinson's disease
(99mTc)-HM-PAO SPECT: *matters arising*, 981
controlled, longitudinal study, 418 *abs*, 566
SPECT findings, 960
persistent, and encephalitis in cat scratch disease, 133
posterior, pure alexia and right hemiachromatopsia in: *short report*, 500
semantic, fluent aphasia with temporal lobe atrophy, 418 *abs*
subcortical, in chronic temporal lobe epilepsy, 241 *abs*
- Demyelinating polyneuropathy**, chronic, associated with eosinophilia-myalgia syndrome, 352
- Depressed patients** with cognitive impairment, regional cerebral blood flow abnormalities, 768
- Depression**
folate homocysteine, monoamine and bipterin metabolism, 419 *abs*
whole blood serotonin content, diurnal variations: *correspondence*, 336
- Descartes, Rene**, 1596-1650: *neurological stamp*, 176
- Devic's neuromyelitis optica**, and Schilder's myelinoclastic diffuse sclerosis: *short report*, 1194
- Diabetes**
and hyperglycaemia, stroke topography and outcome, 263
sympathetic skin response, relation to sudomotor and neurological function, 902
- Diabetic neuropathy**, mild, endoneurial capillary abnormalities, 557
- Diabetic peripheral neuropathy**, weighted needle pinprick sensory thresholds in test of sensory function, 56
- Dialysis encephalopathy syndrome** in undialysed adults with chronic renal failure, 697
- Diaphragmatic paralysis**, unilateral, electrophysiological study: *short report*, 316
- Diarrhoea**, in familial amyloidotic polyneuropathy, octreotide as new treatment: *correspondence*, 860
- Diastematomyelia**, natural history, 514 *abs*
- Diltiazem**, Lambert-Eaton myasthenic syndrome after taking: *short report*, 409
- Diphtheritic neuropathy**, autonomic dysfunction: *short report*, 159
- "Direction of scratch"** test, reappraisal, using somatosensory evoked potentials and vibration perception: *correspondence*, 509
- Distal posterior inferior cerebellar artery**, ruptured aneurysm, causing paraplegia: *lesson of the month*, 836
- Disulfiram**, neurotoxicity, causing lesions of basal ganglia, 925
- DNA**
-based diagnosis of mitochondrial encephalopathy, 242 *abs*
probe, clinical application to facioscapulohumeral muscular dystrophy, 240 *abs*
- Dopaminergic medication**, withdrawal, effect on reaction time, and use of advance information, Parkinson's disease, 1168
- Dopaminergic response** in multiple system atrophy, 1009
- Dorsal columns** and spinal roots, recordings from reveal mechanism for ectopic spiking, 1213 *abs*
- Drug resistant epilepsy**
application of G-T localiser for depth electrode insertion in investigation, 521 *abs*
place of foramen ovale telemetry in presurgical evaluation of patients, 521 *abs*
- Dural substitute**, collagen vicryl membrane, 80 *abs*
- Dysphagia**, severe, tardive dyskinesia presenting as: *short report*, 1203
- Dyspraxia**, articulatory, cerebral localisation: *correspondence*, 168: *matters arising*, 1220
- Dysraphism**, occult spinal, management, 81 *abs*
- Dystonia**
acute, due to amitriptyline: *correspondence*, 414
cyanide induced, delayed, 198
optic atrophy, and bilateral striatal necrosis, two siblings, 16
- Dystrophia myotonica**, early accounts, 920
- E**
- Ectopic parasellar pituitary adenoma** with subarachnoid seeding: *correspondence*, 73
- Ectopic spiking**, recording from rat dorsal columns and spinal roots reveal mechanism for, 1213 *abs*
- EDMUS**, European database for multiple sclerosis, 671
- Education**, medical, and challenge of neurological disability, 54 *suppl.*
- Electrical impedance tomography**, to measure pharyngeal transit time in neurogenic dysphagia, 1217 *abs*
- Electrodes**, depth
insertion, application of G-T localiser, in drug resistant epilepsy, 521 *abs*
and phase II presurgical evaluation of complex partial seizures, 521 *abs*
- Electromagnetic brain stimulation** and CT scans compared in predicting functional outcome after stroke, 418 *abs*
- Emotional lability**, after stroke, 418 *abs*
- Encephalitis**, in cat scratch disease, with persistent dementia, 133

- Encephalomyelitis**, experimental, allergic, chronic relapsing, blood-brain barrier breakdown, 417 *abs*
- Encephalopathy**
acute, ultimate diagnosis and outcome in patients admitted to a regional neurological unit, 417 *abs*
ceftazidime, absence status and toxic hallucinations: *correspondence*, 333
mitochondrial, DNA-based diagnosis, 242 *abs*
recurrent, in hypopituitarism, 420 *abs*
- Endoarterial balloon embolisation**, for neuro-ophthalmic features of carotid cavernous fistulas, 553
- Endoneurial capillary abnormalities**, in mild human diabetic neuropathy, 557
- Endorphins**, basis of pleasure: *editorial*, 247
- Endothelial cell activation**, in vasculitis of peripheral nerve and skeletal muscle, 4
- Endothelin-1 (ET-1) and human big-endothelin (b-ET)**, and cause of subarachnoid haemorrhage, 77 *abs*
- Environment**, in childhood, and risk of motor neuron disease, 997
- Eosinophilia-myalgia syndrome**, associated with chronic demyelinating polyneuropathy, 352
- Epilepsia partialis continua**, and secondarily generalised status epilepticus, control with isoflurane: *correspondence*, 739
- Epilepsy(ies)**
active, discontinuation of clonazepam, 1216 *abs*
benign, occipital, stormy onset with prolonged loss of consciousness, children, 45
and dementia, and adult onset acid maltase deficiency: a case report: *correspondence*, 509
drug resistant
 application of G-T localiser for depth electrode insertion in investigation, 521 *abs*
 place of foramen ovale telemetry in presurgical evaluation of patients, 521, *abs*
early, remission of seizures, community-based study, 416 *abs*
focal, medically resistant, multiple subpial transection in treatment, 520 *abs*
idiopathic, age and localization-related, EEG study, 94 patients, 245 *abs*
intractable
 hippocampal commissurotomy at time of corpus callosum section, 514 *abs*
 neurosurgical implications, 82 *abs*
 juvenile myoclonic, delayed diagnosis: *short report*, 497
 long term control following temporal lobectomy in patients with low grade temporal tumours, 520 *abs*
 National General Practice Study, partial seizure types, 416 *abs*
 neurocysticercotic versus idiopathic: *matters arising*, 1220
 plasma phenytoin elevation by viloxazine, 126
 and primary intracerebral tumours, prognosis: *matters arising*, 978
 temporal and extratemporal, volumetric MRI may help distinguish, 416 *abs*
temporal lobe
 hippocampal volumetric studies and surgical treatment, 521 *abs*
 intractable, unilateral temporal neocortectomy, long term outcome and neuropsychological sequelae, 520 *abs*
 occurrence of polyglucosan bodies: *short report*, 1092
 surgery, perspective from peroperative corticography and tailored resections, 82 *abs*
 viscosity and social cohesion, 149
 treatment resistant, lamotrigine, 416 *abs*
 and vigabatrin, 245 *abs*
 see also Juvenile myoclonic epilepsy: Temporal lobe epilepsy
- Epileptic seizures**, partial, complex, with complete atrio-ventricular conduction block: *lesson of the month*, 734
- Episodic paroxysmal hemicrania**, responsive to calcium channel blockers: *correspondence*, 166
- Erectile impotence**, organic, neurological risk profile, 275
- Essential mixed cryoglobulinaemia**, and peripheral neuropathy, 116
- Evoked potential**, somatosensory and brainstem, in congenital craniocervical anomaly, effect of surgery, 609
- Experimental allergic neuritis**, patterns of conduction impairment, electrophysiology and histology, 909
- Expert System design** using Level 5 Object, example based on motor neuron disease, 421 *abs*
- Extracranial vertebral artery dissection**: *matters arising*, 979
- Extradural haematoma**
cervical spinal, causing transient Brown-Sequard syndrome: *correspondence*, 239
spontaneous, posterior ischaemic optic neuropathy after: *correspondence*, 630
- Extrapyramidal symptoms**, in patient treated with fluvoxamine: *correspondence*, 330
- Eye and head movements**, coordination during smooth pursuit in vestibular failure, 1125
- Eye movement abnormalities** in multiple sclerosis: *review*, 863
- F**
- F-chronodispersion** and F-tachodispersion, control subjects, 421 *abs*
- F-response**, during cataplexy: *correspondence*, 75
- F-response**, and somatosensory and brainstem auditory evoked potential studies in HMSN type I and II, 1027
- F-tachodispersion**
and F-chronodispersion, control subjects, 421 *abs*
new neurophysiological method, patients with neuropathies and radiculopathies, 422, *abs*
- Facial nerve**
function, predicting after surgery for acoustic nerve tumour, use of nerve stimulator and monitor, 79 *abs*
preservation during surgery for acoustic neuroma with continuous EMG, 79 *abs*
- Facioscapulohumeral muscular dystrophy**, clinical application of DNA probe, 240 *abs*
- Factor V deficiency**, causing familial intracranial haemorrhage: *short report*, 227
- Familial amyloid polyneuropathy**, molecular genetic studies, Ireland and UK, 1215 *abs*
- Familial amyloidotic polyneuropathy**, diarrhoea, octreotide as new treatment: *correspondence*, 860
- Familial hypokalaemic periodic paralysis**, Finland: *short report*, 322
- Familial recurrent cranial nerve palsy**: *correspondence*, 976
- Fluoxetine** and phenytoin, toxic reaction following combined administration: *correspondence*, 412
- Fluvoxamine**, extrapyramidal symptoms after treatment: *correspondence*, 330
- Focal medically resistant epilepsy**, multiple subpial transection in treatment, 520 *abs*
- Focal seizures**, and non-ketotic hyperglycaemia, 195
- Focal transcranial magnetic stimulation** and response bias in forced-choice task, 964
- Folate homocysteine**, monoamine and bipterin metabolism, in depression, 419 *abs*
- Foramen ovale telemetry**, place in presurgical evaluation of patients with drug resistant epilepsy, 521 *abs*
- Forced-choice task**, focal transcranial magnetic stimulation and response bias, 964
- Frontal lobe cerebral aneurysm rupture** presenting as psychosis: *lesson of the month*, 1207
- Functional imaging**, recent advances, relevance to psychiatry: *editorial*, 427
- G**
- Gamma aminobutyric acid**, and dopamine systems, interactions, 758
- Gamma vinyl GABA**, in treatment of levodopa-induced dyskinesias in Parkinson's disease: *correspondence*, 413
- Gerstmann-Straussler syndrome**, diagnostic and pre-symptomatic testing, 242 *abs*
- Gerstmann-Straussler-Scheinker disease**, Alsatian family, clinical and genetic studies, 185
- Giant cell arteritis**, and internuclear ophthalmoplegia: *matters arising*, 84
- Glasses**, protective, should neurosurgeon wear, 80 *abs*
- Glioma**
brain stem
 and pathological laughter: *correspondence*, 628
 and pavor nocturnus: *correspondence*, 860
 case-control study, East Anglia, 421 *abs*
 low-grade, assessment of quality of life in treated patients, 372
- Gliomyosarcoma**, immunohistochemical analysis: *short report*, 728
- Globoid cell leukodystrophy**, late onset: *matters arising*, 980
- Glomus tumour**, causing shoulder pain: *correspondence*, 413
- Glucose metabolism**, cerebral, and cognitive abnormalities, in neuropsychiatric systemic lupus erythematosus, 1054
- Gonadotrophin**, pituitary-derived, human, Creutzfeldt-Jakob disease in recipient, second case: *short report*, 1094
- Growth hormone** induced Creutzfeldt-Jakob disease, further British case: *short report*, 1200
- Guillain-Barré syndrome**
anti-GM1 antibodies, 8
conduction impairment in experimental allergic neuritis, 909
familial, HLA antigens: *correspondence*, 508
and impaired joint mobility, primary or secondary phenomenon, 1014
incremental response to repetitive stimulation: *correspondence*, 233
intravenous methylprednisolone, double-masked trial, 1214 *abs*
plasma exchange treatment, 1214 *abs*
pseudoaxonal, severe demyelination mimicking axonopathy, case with pupillary involvement: *short report*, 1079
pure sensory: *correspondence*, 411
- H**
- Haematoma**
acute intracerebral, life-threatening, due to vascular lesions, management, 518 *abs*

- chronic subdural
management, analysis of British neurosurgical practice, *519 abs*
uncoupling between CBF and oxygen metabolism: *short report*, *401*
intracerebral, prognostic factors, *653*
- Haemorrhage**
basal ganglia, traumatic, with slight clinical signs and complete recovery: *correspondence*, *72*
intracerebral
primary, anticoagulant treatment as risk factor, *1121*
spontaneous: *matters arising*, *84*
intracranial, familial, due to factor V deficiency: *short report*, *227*
- Halifax interlaminar clamp system**, UK experience, *81 abs*
- Halley, Edmund (1656-1742)**: *neurological stamp*, *1115*
- Hallucinations**, auditory, musical, transient, of central origin, review and clinical study, *1069*
- Hand-held myometry**: *matters arising*, *982*
- Hanging**
attempted, neuropsychological sequelae: *matters arising*, *522*
neuropsychology, historical perspective: *correspondence*, *507*
- Harvey, William, (1578-1657)**: *neurological stamp*, *111*
- Harvey Cushing's Brigham Hospital**, 1991, *514 abs*
- Head injured memory impaired people** several years after insult, recovery and compensatory strategies, *177*
- Head injury**
cerebral blood flow, arteriovenous oxygen difference, and outcome, *594*
closed
severe, cerebral correlates of disturbed executive function and memory in survivors, SPECT study, *362*
SPECT, CT and MRI compared, *92*
documentation improvement, *519 abs*
intracranial blood flow velocity after, *787*
mild
symptoms following, expectation as aetiology, *200*
visual and acoustic hyperaesthesia and behavioural dysfunction: *short report*, *222*
severe, British neurosurgical units, initial severity, management and outcome, *78 abs*
- Head position**, influence upon head tremor: *correspondence*, *1209*
- Headache**, delayed postexertional, intracranial hypotension, and racket sports: *correspondence*, *975*
- Helmet**, beneficial to motorcyclists, *519 abs*
- Hemiachromatopsia**, right, and pure alexia, in posterior dementia: *short report*, *500*
- Hemiataxia**, and crossed cerebellar diaschisis, PET study, *121*
- Hemiataxia-hypesthesia**, thalamic stroke syndrome, *581*
- Hemiballism**, due to Sydenham's chorea, MRI: *correspondence*, *238*
- Hemidystonia**, paroxysmal, induced by prolonged exercise and cold: *correspondence*, *236*
- Hemimegalencephaly** and normal intellectual development: *short report*, *720*
- Hemispherectomy**, recent experience, *514 abs*
- Hepatoma**, presenting as craniospinal metastasis, analysis of sixteen cases, *1037*
- Hereditary motor and sensory neuropathy**, type I and II, F response and somatosensory and brainstem auditory evoked potential studies, *1027*
- Hereditary motor sensory neuropathy type I** in childhood, detection, *895*
- Hindbrain hernia**, presentation, management and outcome, *514 abs*
- Hippocampal commissurotomy**, at time of corpus callosum section for intractable epilepsy, *514 abs*
- Hippocampal cooling**, intraoperative testing of memory function during, *520 abs*
- Hippocampal volumetric studies** and surgical treatment of temporal lobe epilepsy, *521 abs*
- Histoplasmosis** of the central nervous system: *short report*, *619*
- Hitchcock stereotactic frame**, experience in regional neurosurgical unit, *80 abs*
- HIV infection**
neurological disorders, and TNF-alpha: *short report*, *219*
pathological findings correlated with MRI, *418 abs*
- HIV seropositive men without symptoms**, neurological and neuropsychological performance, *143*
- HLA**
antigens
in familial Guillain-Barré syndrome: *correspondence*, *508*
intracranial aneurysms possibly associated, *77 abs*
profile, and HTLV-I associated myelopathy, Natal, South Africa: *correspondence*, *329*
- HLA DR2** negative subject, with narcolepsy associated with primary temporal lobe B-cells lymphoma: *short report*, *852*
- Homolateral ataxia** and crural paresis, syndrome of anterior cerebral artery territory infarction, *1146*
- Hormone therapy**, for meningiomas, an alternative to surgery, *515 abs*
- Horner's syndrome**
acquired, and hypochromia iridis: *correspondence*, *413*
autosomal dominant congenital, Dutch family, *28*
- Hospital arrival time**, after onset of stroke: *short report*, *973*
- HTLV-I associated myelopathy**, HLA profile, Natal, South Africa: *correspondence*, *329*
- HTLV-I-associated myelopathy**, /tropical spastic paraparesis, attributable to blood transfusion: *correspondence*, *738*
- HTLV-I infection**
multiple sclerosis and tropical spastic paraparesis: *matters arising*, *525*
and neurological disease, Rio de Janeiro: *short report*, *153*
- Human T lymphotropic virus type I**, *see* HTLV-I
- Huntington's disease (chorea)**, *1083*
in Chinese, hypothesis of its origin, *681*
reduced regional cerebral blood flow, studies by SPECT, *1018*
- Hydrocephalus**
early notions, *1091*
idiopathic normal pressure, guidelines for outpatient investigation, *517 abs*
- Hyperaesthesia**, visual and acoustic, after mild head injury, and behavioural dysfunction: *short report*, *222*
- Hyperglycaemia**
and diabetes, stroke topography and outcome, *263*
non-ketotic, and focal seizures, *195*
- Hypergraphia**, associated with brain tumour of right cerebral hemisphere, *25: matters arising*, *861*
- Hyperthyroidism**, and Parkinson's disease: *correspondence*, *1210*
- Hypertrophic demyelinating neuropathy**, and multiple sclerosis: *correspondence*, *857*
- Hypertrophy**, isolated muscle, as sign of radicular or peripheral nerve injury: *matters arising*, *1220*
- Hypochromia iridis**, in acquired Horner's syndrome: *correspondence*, *413*
- Hypokinesia**, directional, in spatial hemineglect, *562*
- Hypopituitarism**, and recurrent encephalopathy, *420 abs*
- Hypotension**
effects on infarct size, cerebral oedema and cerebral blood flow, after experimental middle cerebral artery occlusion, *516 abs*
intracranial, delayed postexertional headache, and racket sports: *correspondence*, *975*
- Hypothalamic-pituitary-adrenal axis suppression**, treated with prednisolone in multiple sclerosis, *1219 abs*
- Hysteria** following brain injury, *1046*
- I**
- Imaging**, functional, recent advances, relevance to psychiatry: *editorial*, *427*
- Immunochemical assays**, in suspected multiple sclerosis, combined clinical and laboratory audit, *420 abs*
- Immunoglobulin**
high-dose intravenous, in polymyositis resistant to treatment: *short report*, *60*
high dose intravenous therapy, and aseptic meningitis: *matters arising*, *980*
intravenous, and improvement in chronic inflammatory polyneuropathy associated with nephropathy and anti-factor VIII antibody: *correspondence*, *975*
pooled intravenous, as alternative to immunosuppression: *matters arising*, *84*
- Immunoglobulin A** producing primary intracerebral lymphoma: *short report*, *623*
- Immunoglobulin G**, in aqueous humour in MS, iso-electric focusing, *420 abs*
- Immunoglobulin M monoclonal gammopathy**, associated with frequency of central lesions in polyneuropathy, *112*
- Immunosuppression**, pooled intravenous immunoglobulin as alternative: *matters arising*, *84*
- Impotence**, erectile, organic, neurological risk profile, *275*
- Infection**, shunts, *see* Shunts
- Inflammatory demyelination**, blood-brain barrier breakdown, towards mechanism, *417 abs*
- Inherited prion disease**, PET demonstrates cerebellar hypometabolism, *422 abs*
- Insulinoma**, complicating tuberous sclerosis: *correspondence*, *1209*
- Intellectual development**, normal, and hemimegalencephaly: *short report*, *720*
- Internal carotid artery dissections**, non-invasive diagnosis, *98: matters arising*, *1220*
- Internalised capillaries**, neuromyopathy and myalgia, *921*
- Internuclear ophthalmoplegia**, in giant cell arteritis: *matters arising*, *84*
- Internuclear ophthalmoplegia of abduction**, abduction paresis of prenuclear origin, electrophysiology, *105*
- Intracerebral abscess**, following an aneurysm clipping: *correspondence*, *237*
- Intracerebral haematoma**, prognostic factors, *653*
- Intracerebral haemorrhage**
cerebral oedema development, effect of immunosuppression, rat, *781*

- primary, Jyväskylä region, Central Finland, 1985-89, 546
spontaneous: *matters arising*, 84
- Intracerebral tumours**
primary, presenting with epilepsy, prognosis: *matters arising*, 978
prognostic index for management, 240 *abs*
- Intracranial blood flow velocity** after head injury, 787
- Intracranial haemorrhage**, familial, due to factor V deficiency: *short report*, 227
- Intracranial meningioma**, in an elderly population, surgical outcome, 481
- Intracranial pressure therapy**, after severe brain injury, value of monitoring transcranial Doppler and jugular bulb venous oxygen saturation during, 519 *abs*
- Intracranial tumors**, boron neutron capture therapy (BNCT), current status, 513 *abs*
- Intramedullary spinal cord abscess**: *short report*, 225
- Iron**, and akathisia: *matters arising*, 1221
- Ischaemia**
carotid territory, screened by carotid ultrasound, and cerebral angiography complications, 1215 *abs*
cerebral, *see* Cerebral ischaemia
cortical, predicted by thermal clearance, cerebral blood flow monitoring, 78 *abs*
reactivity of middle cerebral artery following, rat, 516 *abs*
- Ischaemic optic neuropathy**, posterior, after spontaneous extradural haematoma: *correspondence*, 630
- Ischaemic penumbra**, following stroke, SPECT, 420 *abs*
- Ischaemic stroke**, motor recovery after, metabolic study, 990
- Isoflurane**, in control of epilepsy partialis continua and secondarily generalised status epilepticus: *correspondence*, 739
- Isolated muscle hypertrophy**, as sign of radicular or peripheral nerve injury: *matters arising*, 1220
- Isometric force**, generation and release, in Parkinson's disease, component analysis, 572
- J**
- Jargonaphasia**, reading aloud, unusual dissociation in speech output, 205
- Joint mobility**, impaired, in Guillain-Barré syndrome, primary or secondary phenomenon, 1014
- Joint position sensation**, effect of immobilisation, 1219 *abs*
- Jugular bulb venous oxygen saturation**, and transcranial Doppler, value of monitoring during intracranial pressure therapy after severe brain injury, 519 *abs*
- Juvenile myoclonic epilepsy**, delayed diagnosis, 241 *abs*: *short report*, 497
- K**
- Kepler, Johannes**, 1571-1630: *neurological stamp*, 529
- Krabbe's disease** in adolescence, clinical onset and MRI features: *correspondence*, 331
- L**
- Lacunar cerebral infarction**, and sensorimotor syndrome: *correspondence*, 1097
- Lacunar thalamic stroke** with pure cerebellar and proprioceptive deficits: *short report*, 854
- Lacunar** versus non-lacunar infarcts, pathogenetic and prognostic differences, 441
- Lafora's disease**, axilla skin biopsy in diagnosis of early case: *short report*, 1084
- Lambert-Eaton myasthenic syndrome** without anti-calcium channel antibody, adverse effect of calcium antagonist diltiazem: *short report*, 409
- Lamotrigine**
"named patient" experience, Cardiff, 422 *abs*
in treatment resistant epilepsy, 416 *abs*
- Laser**, 1-mu-S pulsed dye, in treatment of experimental cerebral vasospasm, 517 *abs*
- Lateral geniculate body**, vascular lesions, visual field defects, 12
- Laughter**, pathological, and brain stem glioma: *correspondence*, 628
- Left visuo-spatial neglect**, and allochiria (left on the right): *short report*, 717
- Leftward search** in left unilateral spatial neglect, 40
- Levodopa**
and apomorphine, beginning-of-dose deterioration following, Parkinson's disease, 1024
-induced dyskinesias in Parkinson's disease, gamma vinyl GABA in treatment: *correspondence*, 413
induced ON-OFF motor fluctuations in Parkinson's disease, related to rhythmical masticatory jaw movements, 304
- Lewy bodies**, and clinical diagnosis in Parkinson's disease, 181
- Lidocaine** (lignocaine), in managing status epilepticus, 49
- Lightning injury**, causing acute polyneuropathy: *short report*, 388
- Lipid-coated microbubbles**, as contrast agent, brain tumours, 515 *abs*
- Lobectomy**, anterior temporal, psychosocial outcome, 491
- Lower urinary tract dysfunction**, in multiple sclerosis, treatment, 986
- Lumbar microdisectomy**, long term review of first 100 cases, 82 *abs*
- Lumbosacral disc disease**, disturbances of C-fibre-mediated sensibility: *matters arising*, 1222
- Lumbosacral meningeoradiculitis**, and *Chlamydia pneumoniae* infection: *correspondence*, 511
- Lumbosacral motor root lesion**, study with magnetic stimulation, 419 *abs*
- Lupus-related myelopathy**, report of three cases and review of literature, 830
- Lymphoma**, primary intracerebral, IgA producing: *short report*, 623
- M**
- McArdle's disease** with late-onset symptoms, case report and review of literature, 407
- Macrocytosis**, and multiple sclerosis, lack of association between: *correspondence*, 1096
- Madelung's syndrome**, neuropathy in, two cases with unusual features, 1217 *abs*
- Magnetic resonance imaging**
activity, and disability in multiple sclerosis, 1213 *abs*
of anterior spinal artery syndrome: *short report*, 838
brain, new standard axis, 244 *abs*
familial multiple sclerosis, findings in clinically affected and unaffected siblings, 883
features of Krabbe's disease in adolescence: *correspondence*, 331
lesions in younger healthy adults: *matters arising*, 246
in monitoring treatment of multiple sclerosis, concerted action guidelines: *matters arising*, 978
and pathological changes in HIV infection, 418 *abs*
serial, and neurobehavioural findings after mild to moderate closed head injury, 255
SPECT and CT compared, after closed head injury, 92
spinal cord, in multiple sclerosis, using multi-array coils and fast spin echo, 1213 *abs*
in thoracic outlet syndromes, 419 *abs*
volumetric, may help distinguish temporal and extratemporal epilepsies, 416 *abs*
- Magnetic stereotaxic system**, development, 80 *abs*
- Magnetic stimulation**, focal transcranial, and response bias, in forced-choice task, 964
- Mast syndrome**, probable cases in non-Amish family: *correspondence*, 1210
- Masticatory jaw movements**, in Parkinson's disease, 304
- May and White syndrome**, familial, with abnormal muscle and skin mitochondria, 128
- MDL 72.974 A** in Parkinson's disease: *correspondence*, 1096
- Medial temporal lobe atrophy**
and "probable" Alzheimer's disease, MRI, 967
and reduced blood flow in parietotemporal cortex, in Alzheimer's disease, 190
- Medullary infarction**, medial, obstructive sleep apnoea after, 1217 *abs*
- Medullary lesions**, unilateral, can depress CO₂ sensitivity and minimally affect respiration in humans, 1217 *abs*
- Melanomatous meningitis**, malignant, TNF-alpha *correspondence*, 74
- Memory function**, intraoperative testing during hippocampal cooling, 520 *abs*
- Memory loss**, material-specific, in probable Alzheimer's disease, 1177
- Meningeal sarcoidosis**, pseudo-meningioma, and pachymeningitis of the convexity, 300
- Meningioma**
extradural, cranial MRI showing lesions of MS: *short report*, 216
hormone therapy an alternative to surgery, 515 *abs*
intracranial, in an elderly population, surgical outcome, 481
mifepristone (RU 486) treatment, 486
unsuspected, presenting as subdural haematoma: *correspondence*, 167
- Meningitis**, aseptic, associated with high dose intravenous immunoglobulin therapy: *matters arising*, 980
- Methanol intoxication**, and putaminal necrosis: *correspondence*, 234
- Methylprednisolone**, intravenous, in Guillain-Barré syndrome, double-masked trial, 1214 *abs*
- Metoclopramide**, serum prolactin response during status epilepticus, 685
- Microdisectomy**
lumbar, long term review of first 100 cases, 82 *abs*
without interbody fusion, in cervical myelopathy due to nuclear herniations, young adults, 604
- Microglia-oligodendrocyte interactions** in vitro, role for complement and tumour necrosis factor, 417 *abs*
- Microsurgical excision** of pontomedullary cavernous haemangiomas, 79 *abs*
- Midazolam**, intramuscular, for acute seizures or behavioural episodes in brain injuries: *correspondence*, 328
- Middle cerebral artery**
occlusion, experimental, effects of hypotension on infarct size, cerebral

- oedema and cerebral blood flow following, 516 *abs*
 pulsatility, in children with blocked cerebrospinal fluid shunts: *short report*, 325
 reactivity, in controls and following ischaemia, rat, 516 *abs*
- Mifepristone** (RU 486), in meningiomas, 486
- Migraine**
 aura
 cocaine abuse simulating: *correspondence*, 628
 without headache, transient ischaemic attack or not?, 437
 cerebral blood flow, using 99m-Tc-HMPAO and SPET, visual and computerised image analysis, 244 *abs*
 mechanisms, efficacy and contribution of sumatriptan: *editorial*, 1103
- Migrainous neuralgia**, chronic unremitting, trigeminal nerve section, 416 *abs*
- Mitchell, Silas Weir** (1829-1914), 924
- Mitempfindung**, vagal, chronic cough following cardiac transplantation: *short report*, 723
- Mitochondrial beta oxidation** response to riboflavin, defect, neuropsychiatric manifestations, 209
- Mitochondrial DNA**, abnormal RNA processing associated with novel tRNA mutation in myoclonus epilepsy with ragged-red fibres, 1214 *abs*
- Mitochondrial encephalopathy**, DNA-based diagnosis, 242 *abs*
- Monitoring**
 continuous, cerebral autoregulation, aspects of pulsatile intracranial haemodynamics, 78 *abs*
 continuous post-operative, cerebral blood flow, thermal clearance, to predict cortical ischaemia, 78 *abs*
 intracranial pressure, craniostomy, using Camino system, 79 *abs*
- Monoamine**, folate homocysteine and bipterin metabolism, in depression, 419 *abs*
- Monoamine oxidase-B inhibitor**, MDL 72.974 A, in Parkinson's disease: *correspondence*, 1096
- Monoclonal IgM neuropathy**, immunosuppressive treatment, immunochemical and clinical effects, 930
- Mononeuritis multiplex**, and neurofibromatosis 2: *short report*, 391
- Mononeuropathies** in thyrotoxicosis: *correspondence*, 332
- Motor evoked potentials**, in coma, 470
- Motor learning**, preserved, in Parkinson's disease, 419 *abs*
- Motor neuron disease**
 adult onset
 Scotland, 1989, 536
 worldwide mortality, incidence and distribution since 1950, 1106
 cohort analysis, 421 *abs*
 cysteine metabolism, patients and their families, 240 *abs*
 Expert System design using Level 5 Object, example, 421 *abs*
 NMDA receptors, autoradiographic study, 240 *abs*
 occupational mortality changes, 420 *abs*
 and polio, Scotland, 1116
 prevalence and disability, South Glamorgan, 1218 *abs*
 risk, and environment in childhood, 997
 risk factors, population based case control study, 1216 *abs*
 twin study, initial results, 421 *abs*
 UK twin study, new technique and preliminary results, 244 *abs*
- Motor neuron firing**, suppression by transcranial magnetic stimulation, in multiple sclerosis: *correspondence*, 738
- Motor neuron syndrome**, radiation-induced, late onset: *correspondence*, 741
- Motor neuropathies** and antibodies to gangliosides, chlorambucil fails to improve: *correspondence*, 857
- Motor recovery** after acute ischaemic stroke, metabolic study, 990
- Motor task**, skilled, effect of practice on performance, Parkinson's disease, 454
- Motorcyclist helmet**, protection, 519 *abs*
- Movement**, effects of surgical incisions into spinal cord, 1213, *abs*
- Movement disorders** in astrocytomas of the basal ganglia and thalamus, 1162
- Movements**, bilateral alternating, impairment, in Parkinson's disease: *short report*, 503
- MPTP-induced Parkinsonism**, catecholamine reuptake sites as clue to pathophysiology: *correspondence*, 167
- Multiple sclerosis**
 acute relapses, high dose steroids, MRI study, 450
 aetiology, Asian, Caribbean and Mediterranean evidence, 242 *abs*
 blood-brain barrier abnormalities, reversal by steroids, 243 *abs*
 Cambridge Health District, 417 *abs*
 Cambridge Health District of East Anglia, 877
 causing seizures, 243 *abs*
 clinically isolated lesions, cognitive, psychiatric, and MRI follow up study, 869
 disability, MRI activity, 1213 *abs*
 EDMUS, European database, 671
 familial, MRI findings in clinically affected and unaffected siblings, 883
 and hypertrophic demyelinating neuropathy: *correspondence*, 857
 hypothalamic-pituitary-adrenal axis suppression treated with prednisolone, 1219 *abs*
- immunogenetic heterogeneity, 887
 iso-electric focusing of IgG in aqueous humour, 420 *abs*
 and macrocytosis, lack of association between: *correspondence*, 1096
 and the mind: *editorial*, 1
 motor neuron firing suppression by transcranial magnetic stimulation: *correspondence*, 738
 MRI in monitoring treatment, concerted action guidelines: *matters arising*, 978
 natural history, regional study with some longitudinal data, 341
 new rating scale, CAMBS, 242 *abs*
 ocular manifestations
 abnormalities of afferent visual system: *review*, 747
 abnormalities of eye movements: *review*, 863
 olfactory evoked response, and disordered olfaction, 243 *abs*
 and physical trauma, prospective study: *matters arising*, 524
 proprioceptive myoclonus: *short report*, 1086
 rehabilitation, preliminary study, 1218 *abs*
 sleep problems, 1219 *abs*
 spinal cord MRI using multi-array coils and fast spin echo, 1213 *abs*
 and suicide, epidemiological investigation, 542
 suspected, immunochemical assays, combined clinical and laboratory audit, 420 *abs*
 and T-cell receptor beta locus, 1213 *abs*
 thought disorder, 417 *abs*
 tropical spastic paraparesis and HTLV-I infection: *matters arising*, 525
 in twins, British Isles survey, 1213 *abs*
 and vitamin B12 metabolism: *editorial*, 339, 1216 *abs*
- Multiple subpial transection**, in treatment of focal medically resistant epilepsy, 520 *abs*
- Multiple system atrophy**
 and carcinomatosis, in cerebellar syndrome in myxoedema: *short report*, 616
 dopaminergic response, 1009
 neurological and genitourinary dysfunction, 1214 *abs*
- Mumps**, unilateral vestibular paralysis as sole manifestation: *correspondence*, 858
- Munchausen**, neurosurgical, revisited: *correspondence*, 737
- Muscle**, primary disorders, respiratory involvement and its management, 1213 *abs*
- Musical hallucinosis**, transient, of central origin, review and clinical study, 1069
- Myalgia** and neuromyopathy, internalised capillaries, 921
- Myelinoclastic diffuse sclerosis**, Schilder's, and Devic's neuromyelitis optica: *short report*, 1194
- Myelinolysis**, central pontine, in patient with AIDS: *correspondence*, 631
- Myelography**, adverse reactions, prevention with corticosteroids, 420 *abs*
- Myeloneuropathy**, reversible, resulting from podophyllin intoxication: *correspondence*, 235
- Myelopathy**, HTLV-I associated, HLA profile, Natal, South Africa: *correspondence*, 329
- Myocardial infarction**, streptokinase treatment causing intrinsic spinal cord haemorrhage: *correspondence*, 740
- Myoclonic epilepsy**, juvenile, delayed diagnosis, 241 *abs*
- Myoclonus**
 ataxia and deafness, *see* May and White syndrome
 "isolated" postinfectious: *short report*, 1089
 proprioceptive, in multiple sclerosis: *short report*, 1086
- Myoclonus epilepsy with ragged-red fibres**, abnormal RNA processing, 1214 *abs*
- Myopathy**, dominant distal, with abnormal neuromuscular transmissions, 244 *abs*
- Myotonic dystrophy**, early accounts, 920
- Myxoedema**, and cerebellar syndrome, published case with carcinomatosis and multiple system atrophy at necropsy: *short report*, 616
- N
- N-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine**, *see* MPTP
- N-methyl-D-aspartate antagonist**, in Parkinson's disease, pilot study: *correspondence*, 630
- N-methyl-D-aspartate receptors**, in normal human motor system and motor neuron disease, autoradiographic study, 240 *abs*
- Narcolepsy** associated with primary temporal lobe B-cells lymphoma in a HLA DR2 negative subject: *short report*, 852
- Negligence**, professional, alleged, involving neurological and neurosurgical patients, review of 115 cases, 515, *abs*
- Neocortical resection**, unilateral temporal, in intractable temporal lobe epilepsy, long term outcome and neuropsychological sequelae, 520 *abs*
- Neurobehavioural findings** after mild to moderate closed head injury, serial MRI, 255
- Neurocysticercosis** versus idiopathic epilepsy: *matters arising*, 1220
- Neuroenteric cyst** of the optic nerve, case report with immunohistochemical study: *short report*, 1197
- Neurofibromatosis 2**, presenting with a mononeuritis multiplex: *short report*, 391
- Neurogenic dysphagia**, use of electrical impedance tomography to

- measure pharyngeal transit time, 1217 *abs*
- Neurological audit**, Vitoria, Spain: *correspondence*, 507
- Neurological diagnosis**, rapid, using "smart handles", 421 *abs*
- Neurological disability**, challenge, and medical education, 54, *suppl.*
- Neurology**
- and clinical audit, 19 *suppl.*
 - in the market place, effects of *Working for Patients*, 15 *suppl.*
 - and rehabilitation, United Kingdom, view, 51 *suppl.*
 - or rehabilitation medicine? 47 *suppl.*
 - research, 26 *suppl.*
 - supplement foreword, 1 *suppl.*
 - United Kingdom
 - historical development, 2 *suppl.*
 - study of current neurological services for adults, 8 *suppl.*
- Neuroma**, intradural, cranial MRI showing lesions of MS: *short report*, 216
- Neuromyelitis optica**, Devic's, and Schilder's myelinoclastic diffuse sclerosis: *short report*, 1194
- Neuromyopathy** and myalgia, internalised capillaries, 921
- Neuromyotonia**, acquired, autoantibody mediated mechanism, 1214 *abs*
- Neuropathy**
- hereditary motor sensory, type I, in childhood, detection, 895
 - ulnar sensory, and mouse-directed computers: *correspondence*, 232
- Neuropsychiatry**, definition: *editorial*, 983
- Neurorehabilitation unit**, role, one year's experience, 1218 *abs*
- Neurosis**, whole blood serotonin content, diurnal variations: *correspondence*, 336
- Neurosurgical manpower and activity survey**, 1988-1990, 151, *abs*
- Nicot, Jean, 1530-1600: *neurological stamp*, 430
- Notices, 88, 170, 246, 338, 634, 746, 1102, 1223
- O
- Obstructive sleep apnoea**, neurogenic effects on palatopharyngeal muscle, muscle biopsy study, 916
- Occipital lobe seizures**, clinical and electrographic features, 1218 *abs*
- Occipital neuralgia**, another benign cause of "thunderclap headache": *correspondence*, 411
- Occupational mortality**, motor neuron disease, changes, 420 *abs*
- Occupational therapist**, value in neurology clinic, 240 *abs*
- Octreotide**, new treatment for diarrhoea in familial amyloidotic polyneuropathy: *correspondence*, 860
- Ocular manifestations** of multiple sclerosis
- abnormalities of afferent visual system: *review*, 747
 - abnormalities of eye movements: *review*, 863
- Oculo-bulbar palsy**, congenital: *short report*, 404
- Oedema**
- associated with interruption of preganglionic sympathetic tract: *correspondence*, 232
 - cerebral, in intracerebral haemorrhage, effect of immunosuppression, rat, 781
- Olfactory disorder**, primary, Parkinson's disease? 421 *abs*
- Olfactory dysfunction**
- bilateral, in early stage treated and untreated idiopathic Parkinson's disease, 138
 - in Parkinson's disease, 1216 *abs*
- Olfactory evoked response**, and disordered olfaction in multiple sclerosis, 243 *abs*
- Ondine's curse**, and CO₂ sensitivity, 1217 *abs*
- Ophthalmoplegia**, internuclear, in giant cell arteritis: *matters arising*, 84
- Optic atrophy**, dystonia, and bilateral striatal necrosis, two siblings, 16
- Optic nerve**, neuroenteric cyst, case report with immunohistochemical study: *short report*, 1197
- Orofacial dyspraxia**, and progressive loss of speech output, in cortical basal ganglionic degeneration: *matters arising*, 1101
- Outpatient clinics**, hospital, neurology audit, South Catalonia: *matters arising*, 522
- P
- Pachymeningitis of the convexity**, meningeal sarcoidosis, and pseudo-meningioma, 300
- Pain relief**, by vibration and movement, mechanisms, 282
- Palatopharyngeal muscle** in obstructive sleep apnoea, neurogenic effects, muscle biopsy study, 916
- Palsy**, *see* Bell's palsy: Familial recurrent cranial nerve palsy
- Paralysis**
- dissociated unilateral convergence, in thalamotectal haemorrhage: *short report*, 731
 - Todd's post-epileptic, clinical features: *short report*, 63
 - unilateral vestibular, as sole manifestation of mumps: *correspondence*, 858
- Paramedian thalamic infarction**, bilateral, distinct but poorly recognised stroke syndrome, 242 *abs*
- Paraparesis**, tropical spastic, multiple sclerosis and HTLV-I infection: *matters arising*, 525
- Paraplegia**
- acute, as extreme presentation of adult tethered cord syndrome in post-myelomeningocele patient, 81 *abs*
 - due to ruptured aneurysm of the distal posterior inferior cerebellar artery: *lesson of the month*, 836
- Parenteral nutrition**, prolonged, haemorrhagic thiamine deficient encephalopathy following, 826
- Parkinsonian features**, improvement correlate with high plasma levodopa values after broad bean (*Vicia faba*) consumption: *short report*, 725
- Parkinsonian patients**, non-demented, and neuropathological features of Alzheimer's disease: *matters arising*, 525
- Parkinsonism**
- MPTP-induced, catecholamine reuptake sites as clue to physiopathology: *correspondence*, 167
 - secondary, and progressive anarthria, 577
- Parkinson's disease**
- accuracy of clinical diagnosis, 181
 - associated with dementia, SPECT findings, 960
 - and bradyphrenia, 241 *abs*
 - clinical and subclinical, rate of progression, 1215 *abs*
 - cognitive components of reaction time, 658
 - conversational dynamics, 422 *abs*
 - and dementia
 - (99mTc)-HM-PAO SPECT: *matters arising*, 981
 - controlled, longitudinal study, 418 *abs*, 566
 - depression, cognitive decline, and physical impairments, 377
 - effect of practice on performance of skilled motor task, 454
 - effect of withdrawal of dopaminergic medication on simple and choice reaction time and use of advance information, 1168
 - generation and release of isometric force, component analysis, 572
 - idiopathic, early stage, treated and untreated, bilateral olfactory dysfunction, 138
 - IMAO-B MDL 72.974 A: *correspondence*, 1096
 - impairment in bilateral alternating movements: *short report*, 503
 - levodopa and apomorphine, beginning-of-dose motor deterioration following, 1024
 - and levodopa-induced dyskinesias, gamma vinyl GABA in treatment: *correspondence*, 413
 - levodopa induced ON-OFF motor fluctuations related to rhythmical masticatory jaw movements, 304
 - levodopa treatment, and ultrasensitive TSH assay: *correspondence*, 1210
 - mortality, England and Wales 1921-89, 422 *abs*
 - NMDA antagonist, pilot study: *correspondence*, 630
 - olfactory dysfunction, 1216 *abs*
 - paradoxical akinetic response to apomorphine: *correspondence*, 414
 - preserved motor learning, 419 *abs*
 - primary olfactory disorder? 421 *abs*
 - programming speech movements, 241 *abs*
 - rectal apomorphine, new treatment modality: *correspondence*, 737
 - role of voluntary sector, 45 *suppl.*
 - spectrum of disabilities, 32 *suppl.*
 - timing of mentally represented actions, 1218 *abs*
 - in twins, studied with 18F-dopa and PET, 419 *abs*
 - and visually induced illusion tilt, 241, *abs*
- Paroxysmal ataxia**, familial, report of a family, 212, 242 *abs*
- Paroxysmal kinesigenic choreoathetosis**: *matters arising*, 982
- Paroxysmal nocturnal haemoglobinuria**, and cerebral venous thrombosis: *correspondence*, 412
- Pavor nocturnus** from a brainstem glioma: *correspondence*, 860
- Perceptual-sensory and exploratory-motor neglect**, dissociated, 701
- Periodic paralysis**, familial hypokalaemic, Finland: *short report*, 322
- Peripheral effector neuron failure**, differentiation from acute brain stem dysfunction, critically ill patient: *short report*, 68
- Peripheral neuropathy**, in essential mixed cryoglobulinaemia, 116
- Peripheral or radicular nerve injury**, isolated muscle hypertrophy as sign: *matters arising*, 1220
- Peripheral vestibular disorders**, psychiatric morbidity, clinical and neuro-otological study, 383
- Peroneal nerve**, accessory deep, pitfall for the electromyographer: *short report*, 214
- Phantom limb** experience, psychophysical correlates, 811
- Phenylketonuria**, adult, spasticity and white matter abnormalities, 359
- Phenytoin**
- and fluoxetine, toxic reaction following combined administration: *correspondence*, 412
 - plasma, elevation by viloxazine in epilepsy, 126
 - proprietary and generic formulations, bioavailability and dissolution, 688
- Phrenic nerve stimulation**, transcutaneous: *correspondence*, 632
- Physical therapy**, enhanced, improves recovery of arm function after stroke, 530
- Pituitary carcinoma**, prolactin secreting: *short report*, 1205
- Pituitary tumours**, delayed radiation necrosis of CNS, 949
- Plasma exchange treatment** for Guillain-Barré syndrome, 1214 *abs*

Plus-minus lid syndrome: *short report*, 846

Pneumocephalus, postoperative fourth ventricle tension: *correspondence*, 511

Podophyllin intoxication, and reversible myeloneuropathy: *correspondence*, 235

POEMS syndrome, improvement after tamoxifen: *correspondence*, 71

Polio, and motor neuron disease, Scotland, 1116

Polyglucosan bodies, occurrence in temporal lobe epilepsy: *short report*, 1092

Polymyositis, resistant to treatment, high-dose intravenous human immunoglobulin: *short report*, 60

Polyneuritis cranialis, clinical and electrophysiological findings: *short report*, 398

Polyneuropathy

acute, due to lightning injury: *short report*, 388

association with IgM monoclonal gammopathy, frequency of central lesions, 112

familial amyloid, molecular genetic studies, Ireland and UK, 1215 *abs*

fulminant acute demyelinating, and diagnosis of brain stem death, 68

Polyradiculoneuropathy, chronic idiopathic demyelinating, anti-nerve antibodies, 1214 *abs*

Pontine infarction, transcranial magnetic stimulation, correlation to degree of paresis, 294

Pontomedullary cavernous haemangiomas, microsurgical excision, 79 *abs*

Positron emission tomography

demonstrates cerebellar hypometabolism in inherited prion disease, 422 *abs*

thalamocortical diaschisis, 935

and treatment of Alzheimer's disease: *correspondence*, 328

Post-epileptic paralysis, Todd's, clinical features: *short report*, 63

Post radiation monomelic amyotrophy: *correspondence*, 629

Postconcussion syndrome, expectation as aetiology, 200

Posterior cerebral artery aneurysms, a different approach, 77 *abs*

Posterior spinal artery syndrome, unilateral upper cervical, following sneezing: *short report*, 841

Postictal switch in blood flow distribution and temporal lobe seizures, 891

Postoperative fourth ventricle tension pneumocephalus: *correspondence*, 511

Practice, effect on performance of skilled motor task in Parkinson's disease, 454

Prednisolone, for recovery of hypothalamic-pituitary-adrenal axis from suppression, multiple sclerosis, 1219 *abs*

Preganglionic sympathetic tract, interruption, and oedema: *correspondence*, 232

Primary intracerebral haemorrhage, anticoagulant treatment as risk factor, 1121

Prion diseases, diagnostic and pre-symptomatic testing, 242, *abs*

Prolactin

secreting pituitary carcinoma: *short report*, 1205

serum, response to metoclopramide during status epilepticus, 685

Proprioceptive and cerebellar deficits, and lacunar thalamic stroke: *short report*, 854

Propriospinal myoclonus in multiple sclerosis: *short report*, 1086

Protein C, protein S and anti-thrombin III deficiency, neurological manifestations, 418 *abs*

Pseudo-meningioma, meningeal sarcoidosis, and pachymeningitis of the convexity, 300

Pseudoaxonal Guillain-Barré syndrome, severe demyelination mimicking axonopathy, case with pupillary involvement: *short report*, 1079

Psychiatry, and relevance of recent advances in functional imaging: *editorial*, 427

Psychogeriatrician's view, management of chronic disability in the community, 41 *suppl.*

Psychosis

and behaviour changes after temporal lobectomy: *editorial*, 89

frontal lobe cerebral aneurysm rupture presenting as: *lesson of the month*, 1207

Pure sensory strokes, transient, with aneurysm of rostral basilar artery: *correspondence*, 72

Putaminal necrosis, after methanol intoxication: *correspondence*, 234

R

Radiation-induced motor neuron syndrome, late onset: *correspondence*, 741

Radiation therapy, in spinal cord compression due to extramedullary haematopoiesis in thalassaemia: *short report*, 310

Radicular or peripheral nerve injury, isolated muscle hypertrophy as sign: *matters arising*, 1220

Radiotherapy, for pituitary tumours, and delayed radiation necrosis of CNS, 949

Reading aloud in jargonaphasia, unusual dissociation in speech output, 205

Regional neurosurgical unit, readmissions, quality assurance measure, 80, *abs*

Rehabilitation

medicine, or neurology? 47 *suppl.*

and neurology, United Kingdom, view, 51 *suppl.*

Rembrandt (1606-69), The Anatomy Lesson of Dr Tulp: *neurological stamp*, 1001

Rembrandt (1609-69), The Anatomy Lesson of Dr Joan Deyman: *neurological stamp*, 908

Research, neurological, ways and means, 26 *suppl.*

Respiratory abnormalities due to atlantoaxial dislocation, 1217 *abs*

Respiratory dysfunction syndrome, after cervical cordotomy, location of respiratory fibres, 1142

Respiratory failure, and amyloid myopathy: *short report*, 162

Respiratory involvement and its management in primary disorders of muscle, 1213 *abs*

"Resting" tremor, midbrain, caused by postural maintenance at rest: *correspondence*, 632

Reversible ischaemic neurological deficit, TIA, minor stroke, continuum or different subgroups, 95

Rosai-Dorfman disease, *see* Sinus histiocytosis with massive lymphadenopathy

Ruptured aneurysm of the distal posterior inferior cerebellar artery causing paraplegia: *lesson of the month*, 836

S

Sacroccygeal tumours, combined surgical approach for radical excision, 81 *abs*

Salt and water regulation, disordered, in neurosurgical practice, modern management perspectives obtained from recent studies, 517 *abs*

Saphenous entrapment neuropathy, value of somatosensory evoked potentials, 461

Sarcoid radiculomyelitis, efficacy of cyclophosphamide: *correspondence*, 166

Schilder's myelinoclastic diffuse sclerosis, and Devic's neuromyelitis optica: *short report*, 1194

Schizophrenia, and the brain: *matters arising*, 522, 981

Scotland, motor neuron disease and polio, 1116

Seizures

activity, quantification, 241 *abs*

acute, in brain injuries, intramuscular midazolam: *correspondence*, 328

due to multiple sclerosis, 243 *abs*

outcome and overall benefit from 100 cortectomies for epilepsy, 762

partial self induced, and auto-induction: *correspondence*, 74

partial self-induced, uncommon motivation for auto-induction: *correspondence*, 74

partial types, NGPSE, 416 *abs*

patterns after craniotomy, and prophylactic anticonvulsant drugs, 753

remission, community-based study of early epilepsy, 416 *abs*

temporal lobe, and postictal switch in blood flow distribution, 891

Selegiline in Parkinson's disease: *correspondence*, 1096

Sellar tuberculoma: *correspondence*, 629

Semantic dementia, fluent aphasia with temporal lobe atrophy, 418 *abs*

Semicircular canal paresis, caused by brainstem lesion site, MRI study, 446

Sensorimotor syndrome relates to lacunar rather than non-lacunar cerebral infarction: *correspondence*, 1097

Sensory and autonomic neuropathy, acute, possible association with Coxsackie B virus infection: *short report*, 613

Sensory demyelinating neuropathy, chronic, chronic inflammatory demyelinating polyneuropathy presenting as a pure sensory neuropathy, 677

Sensory nerve dysfunction, in amyotrophic lateral sclerosis, 416 *abs*

Serotonin, whole blood content, in depression and neurosis, diurnal variations: *correspondence*, 336

Seventh nerve palsy, as false localising sign: *correspondence*, 510

Severe closed head injury, cerebral correlates of disturbed executive function and memory in survivors, SPECT study, 362

Shoulder pain, from glomus tumour: *correspondence*, 413

Shunts

adherence of bacteria to, influence of surface coating, 517 *abs*

implantation, towards zero infection, 517 *abs*

Single photon emission computed tomography

(99mTc)-HM-PAO, and dementia in Parkinson's disease: *matters arising*, 981

reduced regional cerebral blood flow in Huntington's disease, 1018

Single photon emission tomography

CT and MRI compared, after closed head injury, 92

findings in Parkinson's disease associated with dementia, 960

in haemodynamic functional classification of cerebral arteriovenous malformations, 518 *abs*

ictal studies in temporal lobe seizures, 891

Sinus histiocytosis with massive lymphadenopathy, isolated suprasellar involvement: *short report*, 156

Sjögren's syndrome, primary, and vestibular and ventilatory dysfunction in sensory and autonomic neuropathy: *correspondence*, 1211

Skull base chordomas, 518 *abs*

Sleep apnoea

carbon dioxide sensitivity, unilateral medullary lesions, 1217 *abs*
 obstructive, after medial medullary infarction, 1217 *abs*
 in patients with caudal brainstem lesions, 1217 *abs*
 prevalence in patients over 40 years of age with spinal cord lesions, 1032

Sleep complaints, in traumatic brain injury, temporally related changes: *short report*, 313

Sleep, delayed sleep phase syndrome, clinical and investigative findings, 14 subjects, 665

Sleep problems in multiple sclerosis, 1219 *abs*

"Smart handles", use to make rapid neurological diagnosis, 421 *abs*

Sneezing, causing unilateral upper cervical posterior spinal artery syndrome: *short report*, 841

Soleus H-reflex, modulation during pedalling, in normal humans and spinal spasticity, 1150

Somatosensory and brainstem auditory evoked potential in congenital craniovertebral anomaly, effect of surgery, 609

Somatosensory evoked potentials

in coma, 470

pain-related, relief by vibration and movement, 282

value in saphenous entrapment neuropathy, 461

and vibration perception, in reappraisal of "direction of scratch" test: *correspondence*, 509

Sparganosis suggested in reported *angiostrongylus cantonensis*: *matters arising*, 861

Spasmodic torticollis, psychosocial effects, 422 *abs*

Spasms of amputation stumps: *short report*, 626

Spasticity and white matter abnormalities, in adult phenylketonuria, 359

Spatial delirium, following right subcortical infarct with frontal deactivation: *correspondence*, 334

Spatial hemineglect, directional hypokinesia, 562

Spatial neglect, left unilateral, leftward search, 40

Spatiomotor cueing in unilateral left neglect, three case studies of its therapeutic effects, 799

Specialist clinics in neurology, a better way to care? 36 *suppl.*

Speech movements, Parkinson's disease, programming, 241 *abs*

Speech output

dissociation, reading aloud in jargonaphasia, 205

progressive loss, and orofacial dyspraxia, in cortical basal ganglionic degeneration: *matters arising*, 1101

Spinal artery, *see* Anterior spinal artery syndrome: Posterior spinal artery syndrome, unilateral upper cervical

Spinal cord

compression, due to extramedullary haematopoiesis in thalassaemia, radiation therapy: *short report*, 310

haemorrhage, intrinsic, due to streptokinase treatment for myocardial infarction: *correspondence*, 740

injury, acute, medical treatments: *editorial*, 635

lesions

changes in corticospinal facilitation of lower limb spinal motor neurons after, 20

in patients over 40 years of age, and prevalence of sleep apnoea, 1032

MRI, in multiple sclerosis, using multi-array coils and fast spin echo, 1213 *abs*

surgical incisions, effects on movement, 1213 *abs*

Spinal dysraphism, occult, management, 81 *abs*

Spinal epidural metastasis in breast cancer, early diagnosis and treatment, prospective study, 1188

Spinal muscular atrophy, predominantly cervical form: *matters arising*, 523

Spinal spasticity, soleus H-reflex modulation during pedalling, 1150

Sports, racket, delayed postexertional headache and intracranial hypotension: *correspondence*, 975

Status epilepticus

lidocaine (lignocaine) in management, 49

non-convulsive focal (simple partial), underdiagnosis of prolonged sensory or visceral symptoms: *short report*, 714: correction, 1223

secondarily generalised, and epilepsy partialis continue, control with isoflurane: *correspondence*, 739

serum prolactin response to metoclopramide, 685

unilateral brain damage after, in the elderly, theophylline therapy, 466 *see also* Epileptic seizures

Steele Richardson Olszewski syndrome, epidemiology, 1219 *abs*

Stenson (or Steno), Niels 1648-86: *neurological stamp*, 780

Stereotactic linac radiosurgery, for arteriovenous malformations, 590

Steroids, high dose, in acute relapses of multiple sclerosis, MRI study, 450

Steroids, high-dose, in blood-brain barrier abnormalities in multiple sclerosis, 243 *abs*

Streptokinase for myocardial infarction, causing intrinsic spinal cord haemorrhage: *correspondence*, 740

Striatal necrosis, bilateral, dystonia and optic atrophy, two siblings, 16

Stroke

acute

predicting outcome, five multivariate models compared with simple methods, 347

visual neglect and predicting its recovery, visual neglect recovery index, 431

acute ischaemic, cerebral perfusion, transcranial Doppler monitoring, 243 *abs*

antithrombotic therapy, 1215 *abs*

arm function recovery, 423 *abs*

electromagnetic brain stimulation and CT scans compared in predicting functional outcome after, 418 *abs*

emotional lability after, 418 *abs*

enhanced physical therapy improves recovery of arm function, 530

hospital arrival time after onset: *short report*, 973

implications for thrombolytic therapy, 244 *abs*

ischaemic, motor recovery after, metabolic study, 990

lacunar thalamic, with pure cerebellar and proprioceptive deficits: *short report*, 854

minor, TIA, RIND, continuum or different subgroups, 95

pure sensory, transient, with aneurysm of rostral basilar artery: *correspondence*, 72

SPECT and the ischaemic penumbra, 420 *abs*

topography and outcome in relation to hyperglycaemia and diabetes, 263

with vertigo and upside down vision, caused by vertebral artery dissection, 188

Subarachnoid haemorrhage

aneurysmal

audit of clinical features, outcome assessment and communication with GPs, 517 *abs*

effect of calcitonin gene related peptide on outcome, 517 *abs*

factors affecting outcome, 77 *abs*

endothelin-1 (ET-1) and human big-endothelin (b-ET) as cause, 77 *abs*

Subarachnoid seeding, and ectopic parasellar pituitary adenoma: *correspondence*, 73

Subcortical aphasia, from a thalamic abscess: *short report*, 319

Subcortical gliosis, progressive, and progressive supranuclear palsy can have similar clinical and PET abnormalities, 707

Subcortical infarct, right, with frontal deactivation, spatial delirium following: *correspondence*, 334

Subdural haematoma

chronic

management, analysis of British neurosurgical practice, 519 *abs*

uncoupling between CBF and oxygen metabolism: *short report*, 401

unsuspected meningioma presenting as: *correspondence*, 167

Sudden death, risk during sleep in syringomyelia and syringobulbia, 585

Suicide and multiple sclerosis, epidemiological investigation, 542

Sumatriptan, efficacy and contribution to migraine mechanisms: *editorial*, 1103

Superior sagittal sinus thrombosis, CSF hydrodynamics, 287

Supranuclear palsy, progressive, and progressive subcortical gliosis can have similar clinical and PET abnormalities, 707

Supratentorial intracerebral tumours, primary, development of prognostic index, 271

Surgical incisions, into spinal cord, effects on movement, 1213 *abs*

Swallowing

capacity, for neurological patients, timed test, 822

in neurological patients, assessment, pilot study, 244 *abs*

Sydenham's chorea, and hemiballism, MRI: *correspondence*, 238

Sylvius, Franciscus de le Boe, 1614-72: *neurological stamp*, 727

Sympathectomy, upper thoracic, stereotactic radiofrequency technique, 520 *abs*

Syringobulbia, surgical appraisal, 1132

Syringomyelia and syringobulbia, and risk of sudden death during sleep, 585

Systemic lupus erythematosus, neuropsychiatric

elderly people, case series, 1157

fluctuating cognitive abnormalities and cerebral glucose metabolism, 1054

T

T-cell receptor beta locus, multiple sclerosis, 1213 *abs*

Tamoxifen, and POEMS syndrome improvement: *correspondence*, 71

Tardive dyskinesia presenting as severe dysphagia: *short report*, 1203

Tarsal tunnel syndrome after a proximal lesion: *short report*, 65

Tectal "tumours", benign intrinsic, children, 79 *abs*

Temporal lobe epilepsy

hippocampal volumetric studies and surgical treatment, 521 *abs*

intractable, unilateral temporal neocortectomy, long term outcome and neuropsychological sequelae, 520 *abs*

occurrence of polyglucosan bodies: *short report*, 1092

and subcortical dementia, 241 *abs*

viscosity and social cohesion, 149

Temporal lobectomy, behaviour changes following, with special reference to psychosis: *editorial*, 89

- Tethered cord syndrome**, adult, in post-myelomeningocele patient, acute paraplegia as extreme presentation, 81 *abs*
- Thalamic abscess**, and subcortical aphasia: *short report*, 319
- Thalamic stroke syndrome**, hemiataxia-hypesthesia, 581
- Thalamocortical diaschisis**, PET, 935
- Thalamotectal haemorrhage**, and dissociated unilateral convergence paralysis: *short report*, 731
- Thalamus**, astrocytomas, movement disorders, 1162
- Thalassaemia**, extramedullary haematopoiesis causing spinal cord compression, radiation therapy: *short report*, 310
- Theophylline** associated with unilateral brain damage after status epilepticus, 466
- Thiamine deficient encephalopathy**, haemorrhagic, following prolonged parenteral nutrition, 826
- Thiamine status**, in inherited degenerative ataxias, 136
- Thomsen's disease**, early accounts, 920
- Thoracic extramedullary tumours**, multiple lesions in cerebral white matter, two young adults: *short report*, 216
- Thoracic outlet syndromes**, MRI, 419 *abs*
- Thoracolumbar spinal trauma**, with incomplete neurological injury, management, 82 *abs*
- Thought disorder** in multiple sclerosis, 417 *abs*
- Thrombolytic therapy** in stroke, 244 *abs*, 1215 *abs*
- Thrombosis**, sinus, superior sagittal, CSF hydrodynamics, 287
- "Thunderclap headache"**, occipital neuralgia as benign cause: *correspondence*, 411
- Thyrotoxicosis**, and mononeuropathies: *correspondence*, 332
- Tic douloureux**, denervation operations, 516 *abs*
- Titanium cranioplasty**, computer generated, 79 *abs*
- Todd's post-epileptic paralysis**, clinical features: *short report*, 63
- Torsion dystonia**, idiopathic, linkage studies for chromosome 9q32-34, British families, 1215 *abs*
- Torticollis**
psychological functioning before and after treatment with botulinum toxin: *short report*, 229
spasmodic, psychosocial effects, 422, *abs*
- Transcranial Doppler**
and jugular bulb venous oxygen saturation, value of monitoring during intracranial pressure therapy after severe brain injury, 519 *abs*
monitoring cerebral perfusion in acute ischaemic stroke, 243 *abs*
use in increased intracranial blood flow velocity after severe brain injury, 78 *abs*
velocity, and cerebral blood flow changes, 516 *abs*
- Transcranial magnetic stimulation**
in pontine infarction, correlation to degree of paresis, 294
and suppression of motor neuron firing in multiple sclerosis: *correspondence*, 738
- Transient amnesia**, heralding brain stem infarction: *correspondence*, 977
- Transient cerebral ischaemia**, tumours that mimic, 243 *abs*
- Transient ischaemic attacks**
likelihood of migraine aura without headache being, 437
RIND, minor stroke, continuum or different subgroups, 95
suspected, cost-effective investigation: *editorial*, 171
which patients are at high (and low) risk of serious vascular events?, 640
- Transphenoidal surgery**, in treatment of ACTH secreting pituitary adenomata, 513 *abs*
- Transthyretin gene**, family studies, clustering, and amyloid neuropathy, 1215 *abs*
- Transverse dural venous sinus**, arterio-venous malformation, 77 *abs*
- Trauma**, physical, and multiple sclerosis, prospective study: *matters arising*, 524
- Tremors**, neuropathic and essential, both associated with abnormally increased activity in cerebellar pathways, 1216 *abs*
- Trigeminal nerve section**, for chronic unremitting migrainous neuralgia, 416 *abs*
- Trigeminofacial reflex**, gating, from low-threshold trigeminal and extratrigeminal cutaneous fibres, 774
- L-Tryptophan induced eosinophilia-myalgia syndrome**, 352
- Tuberculoma**, sellar: *correspondence*, 629
- Tuberous sclerosis**
Bourneville's, account of first case, 929
insulinoma complicating: *correspondence*, 1209
- Tumour necrosis factor-alpha**
in malignant melanomatous meningitis: *correspondence*, 74
and neurological disorders in HIV infection: *short report*, 219
- Tumours**, mimicking transient cerebral ischaemia, 243 *abs*
- U**
- Ulnar sensory neuropathy**, and mouse-directed computers: *correspondence*, 232
- Ultrasensitive TSH assay** and anti-Parkinsonian treatment with levodopa: *correspondence*, 1210
- Unilateral left neglect**, spatiomotor cueing, three case studies of its therapeutic effects, 799
- Unilateral vestibular paralysis** as sole manifestation of mumps: *correspondence*, 858
- Urinary tract dysfunction**, lower, in multiple sclerosis, treatment, 986
- V**
- Van Leeuwenhoek, Antoni, (1632-1723)**: *neurological stamp*, 251
- Vascular lesions**, causing life-threatening acute intracerebral haematomas, management, 518 *abs*
- Vasculitis**, of peripheral nerve and skeletal muscle, endothelial cell activation, 4
- Vasospasm**, cerebral, experimental, treatment using 1- μ -S pulsed dye laser, 517 *abs*
- Ventrally placed tumours of craniovertebral junction**, lateral approach, 81 *abs*
- Vertebral artery dissection**, extracranial: *matters arising*, 979
- Vertebrectomy**, total thoracic, for primary malignancy, posterior approach, 513 *abs*
- Vertebral artery dissection**, causing stroke with vertigo and upside down vision, 188
- Vesalius, Andreas, (1514-64)**: *neurological stamp*, 3
- Vestibular failure**, coordination of eye and head movements during smooth pursuit, 1125
- Vestibular stimulation**, mental representation and temporary recovery from unilateral neglect after: *correspondence*, 332
- Vestibular and ventilatory dysfunction**, in sensory and autonomic neuropathy associated with primary Sjögren's syndrome: *correspondence*, 1211
- Vibration and movement**, in pain relief, mechanisms, 282
- Vibration perception**, and somatosensory evoked potentials, in reappraisal of "direction of scratch" test: *correspondence*, 509
- Vigabatrin**
effect on striatal dopamine receptors, 758
and epilepsy, 245 *abs*
- Viloxazine**, causing plasma phenytoin elevation in epilepsy, 126
- Vinca fabia**, consumption, and improvement of Parkinsonian features: *short report*, 725
- Viscosity** and social cohesion, intemporal lobe epilepsy, 149
- Visual field defects**, in vascular lesions of the lateral geniculate body, 12
- Visual neglect**, measuring, in acute stroke, and predicting its recovery, visual neglect recovery index, 431
- Visually induced illusion tilt**, in Parkinson's disease, 241 *abs*
- Visuo-spatial neglect**, qualitative differences and laterality of cerebral lesion, 1060
- Visuomotor performance**, abnormal, in callosal agenesis, 1218 *abs*
- Vitamin B12 metabolism**, and multiple sclerosis: *editorial*, 339, 1216 *abs*
- Vitoria, Spain**, neurological audit: *correspondence*, 507
- Voluntary sector**, role, Parkinson's disease, 45 *suppl.*
- von Hippel-Lindau syndrome**, central nervous system lesions, 898
- W**
- Weighted needle pinprick sensory thresholds**, simple test of sensory function in diabetic peripheral neuropathy, 56
- Weyer (Wier), Johanne, 1515-88**: *neurological stamp*, 346
- Whiplash injury of the neck**, cerebral symptoms after, clinical and neuropsychological study, 943
- White matter abnormalities**, and spasticity, in adult phenylketonuria, 359
- Wilson's disease**
Ireland, epidemiological study, 241 *abs*
problem of delayed diagnosis, 692
- X**
- X-linked recessive bulbospinal neuronopathy**, central motor and sensory conduction: *short report*, 394
- Xanthomatosis**, cerebrotendinous, electrophysiological studies, 52

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