

JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY

- Ptosis LOUIS R. CAPLAN.....page 1
- Strümpell's familial spastic paraplegia: genetics and neuropathology WILHELMINA M. H. BEHAN and MARIA MAIA.....page 8
- Periaqueductal dysfunction (the Sylvian aqueduct syndrome): a sign of hydrocephalus? MICHAEL SWASH.....page 21
- Some psychological factors in Parkinsonism SANDRA HORN.....page 27
- Barium-induced skeletal muscle paralysis in the rat, and its relationship to human familial periodic paralysis G. D. SCHOTT and B. MCARDLE...page 32
- Disturbances in the voluntary recruitment order of anterior tibial motor units in spastic paraparesis upon fatigue LENNART GRIMBY, JAN HANNERZ, and TYRA RÅNLUND.....page 40
- Disturbances in the voluntary recruitment order of anterior tibial motor units in bradykinesia of Parkinsonism LENNART GRIMBY and JAN HANNERZ.....page 47
- Motor unit estimations in small muscles of the hand R. E. P. SICA, A. J. MCCOMAS, A. R. M. UPTON, and D. LONGMIRE.....page 55
- Motor nerve conduction velocity in peroneal muscular atrophy: evidence for genetic heterogeneity P. K. THOMAS and D. B. CALNE.....page 68
- Hypertrophic mononeuropathy C. H. HAWKES, J. M. JEFFERSON, E. L. JONES, and W. THOMAS SMITH.....page 76
- Mixed or immune complex cryoglobulinaemia and neuropathy J. J. CREAM, J. E. C. HERN, R. A. C. HUGHES, and I. C. K. MACKENZIE.....page 82
- Methods of measuring intracranial pressure via the fontanelle without puncture S. R. WEALTHALL and R. SMALLWOOD.....page 88
- Surgical treatment of dural arteriovenous malformation in the region of the sigmoid sinus RUNE HUGOSSON and KJELL BERGSTRÖM.....page 97
- Controlled trial of combinations of hydroxocobalamin-cystine and riboflavine-cystine, in Nigerian ataxic neuropathy B. O. OSUNTOKUN, M. J. S. LANGMAN, J. WILSON, A. O. G. ADEUJA, and M. A. ALADETOYINBO.....page 102
- Blood sugar response to glucagon in migraine K. L. DE SILVA, M. A. RON, and JOHN PEARCE.....page 105
- A case of Noonan's syndrome and hypoparathyroidism presenting with epilepsy PETER RUDGE, B. G. R. NEVILLE, and P. T. LASCELLES...page 108
- Neurosurgical disease encountered in a psychiatric service S. E. WILLIAMS, D. S. BELL, and R. S. GYE...page 112
- Book reviews.....page 117

Contents

No. 1 JANUARY 1974

Ptosis LOUIS R. CAPLAN	Page 1
Strümpell's familial spastic paraplegia: genetics and neuropathology WILHELMINA M. H. BEHAN and MARIA MAIA	8
Periaqueductal dysfunction (the Sylvian aqueduct syndrome): a sign of hydrocephalus? MICHAEL SWASH	21
Some psychological factors in Parkinsonism SANDRA HORN	27
Barium-induced skeletal muscle paralysis in the rat, and its relationship to human familial periodic paralysis G. D. SCHOTT and B. MCARDLE	32
Disturbances in the voluntary recruitment order of anterior tibial motor units in spastic paraparesis upon fatigue LENNART GRIMBY, JAN HANNERZ, and TYRA RÅNLUND	40
Disturbances in the voluntary recruitment order of anterior tibial motor units in bradykinesia of Parkinsonism LENNART GRIMBY and JAN HANNERZ	47
Motor unit estimations in small muscles of the hand R. E. P. SICA, A. J. MCCOMAS, A. R. M. UPTON, and D. LONGMIRE	55
Motor nerve conduction velocity in peroneal muscular atrophy: evidence for genetic heterogeneity P. K. THOMAS and D. B. CALNE	68
Hypertrophic mononeuropathy C. H. HAWKES, J. M. JEFFERSON, E. L. JONES, and W. THOMAS SMITH	76
Mixed or immune complex cryoglobulinaemia and neuropathy J. J. CREAM, J. E. C. HERN, R. A. C. HUGHES, and I. C. K. MACKENZIE	82
Methods of measuring intracranial pressure via the fontanelle without puncture S. R. WEALTHALL and R. SMALLWOOD	88
Surgical treatment of dural arteriovenous malformation in the region of the sigmoid sinus RUNE HUGOSSON and KJELL BERGSTRÖM	97
Controlled trial of combinations of hydroxocobalamin-cystine and riboflavine-cystine, in Nigerian ataxic neuropathy B. O. OSUNTOKUN, M. J. S. LANGMAN, J. WILSON, A. O. G. ADEUJA, and M. A. ALADETOYINBO	102
Blood sugar response to glucagon in migraine K. L. DE SILVA, M. A. RON, and JOHN PEARCE	105
A case of Noonan's syndrome and hypoparathyroidism presenting with epilepsy PETER RUDGE, B. G. R. NEVILLE, and P. T. LASCELLES	108
Neurosurgical disease encountered in a psychiatric service S. E. WILLIAMS, D. S. BELL, and R. S. GYE	112
Book reviews	117

No. 2 FEBRUARY 1974

The 'subcortical dementia' of progressive supranuclear palsy MARTIN L. ALBERT, ROBERT G. FELDMAN, and ANNE L. WILLIS	121
Carcinomatous neuromyopathy: 1. Electrophysiological studies M. J. CAMPBELL and D. W. PATY	131
Carcinomatous neuromyopathy: 2. Immunological studies D. W. PATY, M. J. CAMPBELL, and D. HUGHES	142
Impulse conduction in multiple sclerosis: a theoretical basis for modification by temperature and pharmacological agents C. L. SCHAUF and FLOYD A. DAVIS	152
Voluntary control of arm movement in athetotic patients PETER D. NEILSON	162
Measurement of involuntary arm movement in athetotic patients PETER D. NEILSON	171
The significance of post-traumatic status epilepticus in childhood WALTER GRAND	178
Electroencephalographic seizures during cardiopulmonary bypass J. STOCKARD, P. CALANCHINI, R. BICKFORD, and T. BILLINGER	181
Slow saccadic eye movements in Wilson's disease TREVOR H. KIRKHAM and DAVID F. KAMIN	191
Creutzfeldt-Jakob disease: further similarities with kuru HUME ADAMS, ELISABETH BECK, and A. M. SHENKIN	195
An unusual intranuclear structure (? viral nucleocapsid) in the brain in subacute sclerosing panencephalitis A. D. DAYAN, SWATI MAJUMDAR, W. HUGHES, and K. W. G. HEATHFIELD	201
Focal reflex myoclonus G. G. SUTTON and R. F. MAYER	207
Posterior fossa aneurysms simulating tumours W. F. MICHAEL	218
Corticosteroid therapy of experimental hydrocephalus after intraventricular-subarachnoid haemorrhage H. A. WILKINSON, RENE B. WILSON, P. P. PATEL, and M. ESMAILI	224
Preoperation anxiety: a qualitative analysis P. O. BODLEY, H. V. R. JONES, and M. D. MATHER	230
Book reviews	240

No. 3 MARCH 1974

Disseminated intravascular coagulation as a consequence of cerebral damage F. E. PRESTON, R. G. MALIA, M. J. SWORN, W. R. TIMPERLEY, and E. K. BLACKBURN.	241
Fibrin/fibrinogen degradation products in cerebrospinal fluid of patients admitted to a psychiatric unit RICHARD HUNTER, THOMAS THOMSON, C. M. REYNOLDS, and PAMELA M. PITCHER.	249
Cerebral damage in neonates resulting from arteriovenous malformation of the vein of Galen MARGARET G. NORMAN and LAWRENCE E. BECKER.	252
Extrapyramidal dysfunction with cerebral arteriovenous malformations JOAO LOBO-ANTUNES, MELVIN D. YAHR, and SADEK K. HILAL.	259
Traumatic subarachnoid-pleural fistula B. A. ROCHA CAMPOS, L. B. SILVA, N. BALLALAI, and M. M. NEGRÃO.	269
Pneumocephalus: an unusual case RICHARD D'ADDARIO, JACK GREENBERG, THOMAS J. E. O'NEILL, and PASCHAL SPAGNA.	271
Phenytoin intoxication induced by sulthiame in epileptic patients G. W. HOUGHTON and A. RICHENS.	275
Relation of measles virus to encephalitogenic factor with reference to the aetiopathogenesis of multiple sclerosis J. R. MCDERMOTT, E. J. FIELD, and E. A. CASPARY.	282
Post-hyperventilation apnoea in patients with brain damage SHEILA JENNETT, KAREN ASHBRIDGE, and J. B. NORTH.	288
Effect of climatic temperature on the age of onset of Huntington's chorea C. J. BRACKENRIDGE.	297
Cellular distribution of beta-trace protein in CNS and brain tumours J.-E. OLSON, C. BLOMSTRAND, and K. G. HAGLID.	302
Gowers' syringal haemorrhage C. B. SEDZIMIR, J. R. ROBERTS, J. V. OCCLESHAW, and P. H. BUXTON.	312
Congenital non-progressive peripheral neuropathy with arthrogryposis multiplex G. M. YUILL and P. G. LYNCH.	316
Acidophilic adenoma of the pituitary with polyneuropathy U. SANDBANK, B. BORNSTEIN, and T. NAJENSON.	324
Intercostal nerve conduction and posterior rhizotomy in the diagnosis and treatment of thoracic radiculopathy E. RALPH JOHNSON, JOE POWELL, JAMES CALDWELL, and CHARLES CRANE.	330
Electrophysiological studies of peripheral nerves in patients with organic mercury poisoning PAMELA M. LE QUESNE, S. F. DAMLUJI, and H. RUSTAM.	333
Electrophysiological findings in entrapment of the median nerve at wrist and elbow FRITZ BUCHTHAL, ANNEISE ROSENFALCK, and WERNER TROJABORG.	340
Book reviews.	361

No. 4 APRIL 1974

Disease with abnormal intracranial vascular network complicated with intracerebral haematoma KENICHIRO HIGASHI, MITSUNORI HATANO, and TAKUMA MAZA.	365
The so-called 'Moyamoya disease' GY. POÓR and GY. GÁCS.	370
Cerebral embolism and mitral stenosis: survival with and without anticoagulants G. F. ADAMS, J. D. MERRETT, W. M. HUTCHINSON, and A. M. POLLOCK.	378
Cerebral blood flow and oxygen uptake, and cerebrospinal fluid biochemistry in severe coma POUL BRODERSEN and ERIK O. JØRGENSEN.	384
Raised intracranial pressure and cerebral blood flow. 3. Venous outflow tract pressures and vascular resistances in experimental intracranial hypertension I. H. JOHNSTON and J. O. ROWAN.	392
The bimodal jitter: a single fibre electromyographic finding BARBARA THIELE and ERIK STÅLBERG.	403
Benefit from adrenocorticotrophin in myasthenia gravis L. A. LIVERSEDGE, G. M. YUILL, I. M. S. WILKINSON, and J. A. HUGHES.	412
L-dopa and arousal THOMAS B. HORVATH and RUSSELL A. MEARES.	416
Comparative trial of benzhexol, amantadine, and levodopa in the treatment of Parkinson's disease J. D. PARKES, R. C. BAXTER, C. D. MARSDEN, and J. E. REES.	422
Attempted use of haloperidol in the treatment of L-dopa induced dyskinesias HAROLD L. KLAOWANS, JR, and WILLIAM J. WEINER.	427
Micturition symptoms in frontal tumours R. S. MAURICE-WILLIAMS.	431
Stereotactic amygdaloidotomy for aggressive behaviour L. G. KILOH, R. S. GYE, R. G. RUSHWORTH, D. S. BELL, and R. T. WHITE.	437
Effect of chocolate in migraine: a double blind study A. M. MOFFETT, M. SWASH, and D. F. SCOTT.	445
Filling patterns in contrast ventriculography LAWRENCE FERGUSON.	449

Anomalous stress reactions in patients suffering from depression and anxiety	HARRY BRIERLEY and ROBIN JAMIESON	455
Distribution of microglial clusters in the brain after head injury	J. M. CLARK	463
Aneurysms of the posterior communicating artery and oculomotor paresis	S. R. SONI	475
Book reviews		485

No. 5 MAY 1974

The anatomical basis of prosopagnosia	J. C. MEADOWS	489
Nodal gap substance in diabetic nerve	K. N. SENEVIRATNE and A. WEERASURIYA	502
Water and electrolyte abnormalities in the human brain after severe intrapartum asphyxia	J. M. ANDERSON and N. R. BELTON	514
Pregnancy, subarachnoid haemorrhage, and the intravascular coagulation syndrome	J. R. HERON, E. C. HUTCHINSON, W. N. BOYD, and G. M. ABER	521
Calculation of the electromyographic jitter	JAN EKSTEDT, GORAN NILSSON, and ERIK STÅLBERG	526
Neuromuscular transmission in myasthenia gravis studied with single fibre electromyography	ERIK STÅLBERG, JAN EKSTEDT, and ANDERS BROMAN	540
Evidence for reversible motoneurone dysfunction in thyrotoxicosis	A. J. MCCOMAS, R. E. P. SICA, A. R. MCNABB, W. M. GOLDBERG, and A. R. M. UPTON	548
'Pugnatron'-like reaction in a patient with familial dystonia: torque induced motion analysis	GEOFFREY WALSH	559
Three patients with intracranial tuberculomas with unusual features	D. C. THRUSH and D. D. BARWICK	566
Acquired pendular nystagmus with oscillopsia in multiple sclerosis: a sign of cerebellar nuclei disease	JURGEN C. ASCHOFF, B. CONRAD, and H. H. KORNHUBER	570
Effect of carotid ligation on cerebral blood flow in baboons. 2. Response to hypoxia and haemorrhagic hypertension	D. SENGUPTA, MURRAY HARPER, and BRYAN JENNETT	578
Raised intracranial pressure and cerebral blood flow. 4. Intracranial pressure gradients and regional cerebral blood flow	I. H. JOHNSTON and J. O. ROWAN	585
Effects of ergotamine and methysergide on blood platelet aggregation responses of migrainous subjects	BARBARA P. HILTON and K. J. ZILKHA	593
Concurrence of multiple sclerosis and glioma	S. CURRIE and H. URICH	598
Cerebellar haemangioblastoma and genitourinary tumours	R. A. GOODBODY and T. R. GAMLEN	606
Nocturnal activity and enuresis: a study of a 35 year old male	A. H. CRISP and J. HAFNER	610
Book reviews		614

No. 6 JUNE 1974

Effect of supratentorial space-occupying lesions on regional intracranial pressure and local cerebral blood flow: an experimental study in baboons	L. SYMON, E. PASZTOR, N. M. BRANSTON, and N. W. C. DORSCH	617
Effects of increased supratentorial pressure in cats	J. W. F. BEKS	627
Effect of changes in cerebral blood flow on proportion of high and low flow tissue in the brain	LINEETE ILIFF, E. ZILKHA, J. W. D. BULL, G. H. DU BOULAY, V. L. MCALLISTER, JOHN MARSHALL, R. W. ROSS RUSSELL, and LINDSAY SYMON	631
Partial pneumoencephalography in following-up pituitary tumours	WILLIAM W. OLMSTED, GABRIEL H. WILSON, ROBERT W. RAND, and JOHN P. GARTLAND	636
Tuberculous meningitis as a complication of sarcoidosis	ANTHONY HOPKINS	644
Sensory conduction of the sural nerve in polyneuropathy	DAVID BURKE, NEVELL F. SKUSE, and A. KEITH LETHLEAN	647
Responses in human A and C fibres to repeated electrical intradermal stimulation	H. ERIK TOREBJÖRK and ROLF G. HALLIN	653
Pattern of recruiting human motor units in neuropathies and motor neurone disease	H. S. MILNER-BROWN, R. B. STEIN, and R. G. LEE	665
Contractile and electrical properties of human motor units in neuropathies and motor neurone disease	H. S. MILNER-BROWN, R. B. STEIN, and R. G. LEE	670
Basis of nocturnal polyuria in patients with autonomic failure	C. S. WILCOX, M. J. AMINOFF, and W. PENN	677
Muscle blood flow in Duchenne type muscular dystrophy, limb-girdle dystrophy, polymyositis, and in normal controls	OLAF B. PAULSON, ANDREW G. ENGEL, and MANUEL R. GOMEZ	685

Bulbar symptoms and episodic aphonia associated with atlanto-occipital subluxation in ankylosing spondylitis ROBIN I. DAVIDSON and H. RICHARD TYLER.....	691
Episodic encephalopathy associated with thyroid disorders D. C. THRUSH and H. G. BODDIE.....	696
Lymphocyte sensitization to basic protein of brain in multiple sclerosis and other neurological diseases E. A. CASPARY and E. J. FIELD.....	701
Use of cerebrospinal fluid drawn at pneumoencephalography in the study of monoamine metabolism in man E. GARELIS and T. L. SOURKES.....	704
Effects of reserpine and chlorpromazine on 5-hydroxytryptamine uptake of platelets from migrainous and control subjects BARBARA P. HILTON.....	711
Amine metabolites in the cerebrospinal fluid of patients with disseminated sclerosis L. E. CLAVERIA, G. CURZON, M. J. G. HARRISON, and B. D. KANTAMANENI.....	715
Influence of site of impact on cognitive impairment persisting long after severe closed head injury EILEEN SMITH.....	719
Hemispheric lateralization of singing after intracarotid sodium amylbarbitone H. W. GORDON and J. E. BOGEN.....	727
Ocular palsies of obscure origin in South East Asia C. H. TAY, Y. T. TAN, J. S. CHEAH, and G. A. RANSOME....	739
Facial myokymia: a clinicopathological study P. K. SETHI, BERNARD H. SMITH, and K. KALYANARAMAN.....	745
Torsional conjugate eye movements induced by pupillary light stimulation MORRIS B. BENDER and MORTON CORIN.....	750
Electrocardiographic changes and their prognostic significance in subarachnoid haemorrhage J. M. CRUICKSHANK, G. NEIL-DWYER, and J. BRICE.....	755
Neurocutaneous melanosis C. G. HARPER and D. G. T. THOMAS.....	760
Book reviews.....	764

No. 7 JULY 1974

Nucleus dorsalis superficialis (lateralis dorsalis) of the thalamus and the limbic system in man J. M. VAN BUREN and R. C. BORKE.....	765
A unilateral memory defect KENNETH M. HEILMAN, ROBERT T. WATSON, and HOWARD M. SCHULMAN.....	790
Recognition memory, and head injury D. NEIL BROOKS.....	794
Abnormalities of taste and smell after head trauma PAUL J. SCHECHTER and ROBERT I. HENKIN.....	802
Subacute brain-stem encephalitis S. G. WAXMAN, T. D. SABIN, and L. J. EMBREE.....	811
Motor unit recruitment as reflected by muscle fibre glycogen loss in a prosimian (bushbaby) after running and jumping C. A. GILLESPIE, D. R. SIMPSON, and V. REGGIE EDGERTON.....	817
Isometric contraction of the abductor digiti minimi muscle in man DAVID BURKE, NEVELL F. SKUSE, and A. KEITH LETHLEAN.....	825
Microglioma with paraproteinaemia C. D. LAMBERT and P. N. TREWBY.....	835
Neurological manifestations of organophosphorous insecticide poisoning R. S. WADIA, C. SADAGOPAN, R. B. AMIN, and H. V. SARDESAI.....	841
Toxic polyneuropathy due to glue sniffing IKUO GOTO, MUTSURO MATSUMURA, NAOHIDE INOUE, YOSHIYUKI MURAI, KENSHIRO SHIDA, TETSUJI SANTA, and YOSHIGORO KUROIWA.....	848
Cerebral blood flow, internal carotid artery pressure, and the EEG as a guide to the safety of carotid ligation P. J. LEECH, J. D. MILLER, W. FITCH, and J. BARKER.....	854
Functional studies of the parotid and pancreas glands in amyotrophic lateral sclerosis R. J. CHARCHAFIE, L. BUSTOS FERNANDEZ, C. J. PEREC, E. GONZALEZ, and A. MARZI.....	863
Book review.....	868

No. 8 AUGUST 1974

A trial of corticotrophin gelatin injection in acute optic neuritis A. N. BOWDEN, P. M. A. BOWDEN, A. I. FRIEDMANN, G. D. PERKIN, and F. C. ROSE.....	869
Atypical demyelinating disease J. M. ADAMS, W. J. BROWN, N. E. CREMER, E. D. EBERLE, M. E. FEWSTER, and E. H. LENNETTE.....	874
Jakob-Creutzfeldt disease F. ELLIOTT, C. GARDNER-THORPE, D. D. BARWICK, and J. B. FOSTER.....	879
EEG prediction of brain metastases A. J. ROWAN, N. DE M. RUDOLF, and D. F. SCOTT.....	888
Contractile properties of abductor digiti minimi muscle in paramyotonia congenita DAVID BURKE, NEVELL F. SKUSE, and A. KEITH LETHLEAN.....	894

An analysis of myotonia in paramyotonia congenita	DAVID BURKE, NEVELL F. SKUSE, and A. KEITH LETHLEAN.	900
A new method for the estimation of the number of motor units in a muscle. 1. Control subjects and patients with myasthenia gravis	JOHN P. BALLANTYNE and STIG HANSEN.	907
Variation of motor unit size in the human extensor digitorum brevis and thenar muscles	T. E. FEASBY and W. F. BROWN.	916
Correlation between tremor, voluntary contraction, and firing pattern of motor units in Parkinson's disease	V. DIETZ, W. HILLESHEIMER, and H.-J. FREUND.	927
Oesophageal dilatation in Parkinson's disease	F. B. GIBBERD, J. A. GLEESON, A. A. R. GOSSAGE, and R. S. E. WILSON	938
Effect of cholinergic and anticholinergic agents on tardive dyskinesia	H. L. KLAUANS and R. RUBOVITS.	941
Effect of ammonium salts on brain metabolism	I. M. JAMES, LINDSAY MACDONNELL, and C. XANALATOS.	948
Psychiatric aspects of methylmercury poisoning	H. I. MAGHAZAJI.	954
Magnesium deficiency: a possible cause of thiamine refractoriness in Wernicke-Korsakoff encephalopathy	D. C. TRAVIESA.	959
External carotid occlusive disease as a cause of facial pain	Y. HERISHANU, P. BENDHEIM, and M. DOLBERG.	963
Cerebral reticulum cell sarcoma after multiple renal transplants	LESLIE B. BARNETT and ELLIOTT SCHWARTZ.	966
Gel-foam granuloma in the brain	G. T. G. KNOWLSON.	971
Ependymal cyst of the thoracic spinal cord	J. V. GAINER, JR, S. M. CHOU, G. R. NUGENT, and V. WEISS.	972
Book reviews.		978

No. 9 SEPTEMBER 1974

Plasma lipids and coagulation in patients with arteriosclerotic dementia	V. M. ANDREOLI, S. FERRARI, C. R. SIRTORI, G. BIASI, and M. MORANDINI.	981
Diffuse intravascular clotting associated with a primary brain tumour	Y. VARDI, M. STREIFLER, E. SCHUJMAN, and M. LOEWENTHAL.	987
Specificity of muscle antibodies in sera from patients with myasthenia gravis and from immunized rabbits	JOHAN A. AARLI, OLAV TØNDER, and OTTO CLOSS.	991
Neurological complications of progressive facial hemiatrophy	SHELDON MARK WOLF and M. ANTHONY VERITY	997
Neuro-ophthalmic pathological correlations in primary reticulum cell sarcoma of the nervous system	E. F. GONYEA and G. H. COLLINS.	1005
Assessment of fusimotor contribution to reflex reinforcement in humans	DORIS BURG, ALFRED J. SZUMSKI, ALBRECHT STRUPPLER, and FRANCISCO VELHO.	1012
Relationship between visual field defect and arterial occlusion in the posterior cerebral circulation	S. N. KAUL, G. H. DU BOULAY, B. E. KENDALL, and R. W. ROSS RUSSELL.	1022
Parasympathetic denervation of the iris in diabetes mellitus	B. SIGSBEE, R. TORKELSON, G. KADIS, J. W. WRIGHT, and A. G. REEVES.	1031
Motor neurone disease: the nature of the pathogenic mechanism	D. M. A. MANN and P. O. YATES.	1036
Hypothalamic gliomas in children	CLIFFORD ROBERSON and KENNETH TILL.	1047
CSF imaging in benign intracranial hypertension	A. EVERETTE JAMES, J. C. HARBERT, P. B. HOFFER, and F. H. DELAND.	1053
Benign occipital unicameral bone cyst causing lower cranial nerve palsies complicated by iophendylate arachnoiditis	W. G. BRADLEY, R. M. KALBAG, P. S. RAMANI, and B. E. TOMLINSON.	1059
Rheumatoid C ₁ -C ₂ dislocation: pathogenesis and treatment reconsidered	CHUN C. KAO, B. MESSERT, S. S. WINKLER, and J. H. TURNER.	1069
Results of surgical treatment for patients with a spinal angioma	VALENTINE LOGUE, M. J. AMINOFF, and B. E. KENDALL.	1074
Book reviews.		1082

No. 10 OCTOBER 1974

Why do central arachnoid pouches expand?	BERNARD WILLIAMS and A. N. GUTHKELCH.	1085
Intracranial volume-pressure relationships during experimental brain compression in primates	PETER LEECH and J. DOUGLAS MILLER	
1. Pressure responses to changes in ventricular volume.		1093
2. Effect of induced changes in systemic arterial pressure and cerebral blood flow.		1099
3. Effect of mannitol and hyperventilation.		1105

Spinal myoclonus	A. P. HOPKINS and W. F. MICHAEL.....	1112
Buccal absorption of ergotamine	J. M. SUTHERLAND, W. D. HOOPER, M. J. EADIE, and J. H. TYRER.....	1116
Spectrophotometry of cerebrospinal fluid in subacute and chronic subdural haematomas	K. G. KJELLIN and L. STEINER.....	1121
Protein pattern of cerebrospinal fluid in spasmodic torticollis	K. G. KJELLIN and H. STIBLER.....	1128
The cerebellum in mucopolysaccharidosis: a histological, histochemical, and ultrastructural study	R. DOSHI, S. A. SANDRY, A. W. CHURCHILL, and BETTY BROWNELL.....	1133
Comparison of thymic histology with response to thymectomy in myasthenia gravis	J. M. VETTERS and J. A. SIMPSON.....	1139
Anterior interosseous nerve palsy: spontaneous recovery in two patients	CHRISTOPHER GARDNER-THORPE....	1146
Neuropathology of the oesophagus in diabetes mellitus	BARBARA SMITH.....	1151
Myelinated fibres in human paravertebral sympathetic chain: white rami communicantes in alcoholic and diabetic patients	OTTO APPENZELLER and GARY OGIN.....	1155
Myeloma cells in the cerebrospinal fluid in plasma cell neoplasia	A. M. AFIFI.....	1162
Encephalitis associated with carcinoma	ALLEN M. KAPLAN and HIDEO H. ITABASHI.....	1166
Radiation myelopathy of cervical spinal cord simulating intramedullary neoplasm	R. FOGELHOLM, M. HALTIA, and L. C. ANDERSSON.....	1177
Book reviews.....		1181
Letter to editor.....		1186

No. 11 NOVEMBER 1974

Computer method for the analysis of evoked motor unit potentials. 1. Control subjects and patients with myasthenia gravis	JOHN P. BALLANTYNE and STIG HANSEN.....	1187
New method for the estimation of the number of motor units in a muscle. 2. Duchenne, limb-girdle and facio-scapulothoracic, and myotonic muscular dystrophies	JOHN BALLANTYNE and STIG HANSEN.....	1195
Electrophysiological study of peroneal palsy	NAUNIHAL SINGH, FRIEDRICH BEHSE, and FRITZ BUCHTHAL.....	1202
Diagnostic difficulties encountered in the myasthenic syndrome sometimes associated with carcinoma	J. COLIN BROWN and RICHARD J. JOHNS.....	1214
Electromyographic and reflex study in idiopathic and symptomatic trigeminal neuralgias: latency of the jaw and blink reflexes	B. W. ONGERBOER DE VISSER and C. GOOR.....	1225
The syndrome of 'continuous muscle-fibre activity' cured: further studies	HYAM ISAACS and J. J. A. HEFFRON.....	1231
Myopathy with mitochondrial inclusion bodies: histological and metabolic studies	W. R. SULAIMAN, D. DOYLE, R. H. JOHNSON, and S. JENNETT.....	1236
Effect of swimming on reinnervation of rat skeletal muscle	G. J. HERBISON, M. MAZHER JAWOED, and J. F. DITUNNO.....	1247
Differential cellular increase in cerebrospinal fluid after encephalography in mentally retarded patients	M. IIVANAINEN and E. TASKINEN.....	1252
Corpus callosum in multiple sclerosis	R. O. BARNARD and MARGARET TRIGGS.....	1259
'Flight of colours' in lesions of the visual system	MARTIN FELDMAN, LEO TODMAN, and MORRIS B. BENDER.....	1265
Lumbosacral agenesis: management and embryological implications	R. J. IGNELZI and R. A. W. LEHMAN.....	1273
Proceedings of the Society of British Neurological Surgeons.....		1277
Book reviews.....		1288

No. 12 DECEMBER 1974

Craniopagus twins	A. B. TODOROV, K. L. COHEN, V. SPILOTRO, and E. LANDAU.....	1291
Arachnodactyly, aminoaciduria, congenital cataracts, cerebellar ataxia, and delayed developmental milestones	P. A. BHASKAR, K. JAGANNATHAN, and K. VALMIKINATHAN.....	1299
Sjögren-Larsson syndrome in two sibs with peripheral nerve involvement and bisalbuminaemia	MARIA MAIA.....	1306
Arachnoid clearance of red blood cells	J. D. MCQUEEN, B. E. NORTHRUP, and L. G. LEIBROCK.....	1316
Benign aqueduct stenosis in adults	M. J. G. HARRISON, C. M. ROBERT, and D. UTTLEY.....	1322
Epidermoid tumor (tumour perlée, cholesteatoma) of the fourth ventricle: case report and review of literature	MICHAEL SCOTT.....	1329
Epidermoid cyst of the pineal region	M. SAMBASIVAN and AMMU NAYAR.....	1333
Muscle weakness after rest in myotonic disorders: an electrophysiological study	J. COLIN BROWN.....	1336

Myopathy caused by polymyxin E: functional disorder of the cell membrane M. VANHAEVERBEEK, M. ECTORS, L. VANHAELST, and L. FRANKEN.....	1343
Recovery of conduction velocity distal to a compressive lesion PAMELA M. LE QUESNE and E. B. CASEY.....	1346
Segmental reflex pathways in spinal shock and spinal spasticity in man P. ASHBY, M. VERRIER, and E. LIGHTFOOT.....	1352
Infections of cervical disc space after dental extractions J. A. FEIGENBAUM and W. E. STERN.....	1361
Testing the gate-control theory of pain in man P. W. NATHAN and P. RUDGE.....	1366
Posterior fossa subdural haematomas JOHN MILES and A. V. MEDLERY.....	1373
Regional cerebral blood flow and intraventricular pressure in acute head injuries C. FIESCHI, N. BATTISTINI, A. BEDUSCHI, L. BOSELLI, and M. ROSSANDA.....	1378
Ischaemic lateral popliteal nerve palsy due to ergot intoxication G. D. PERKIN.....	1389
Book reviews.....	1392