

READING ROOM

# JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY

NATIONAL LIBRARY OF MEDICINE

RECD. APR 19 1971

INDEX MAY 12 1971

INPUT JUN 1 1971

JTC:	34-1
INDEXER:	
VOL-ISS:	34-1
DATE:	
PRIORITY:	2

Geniculate hemianopia: incongruous homonymous field defects in two patients with partial lesions of the lateral geniculate nucleus CARL H. GUNDERSON and WILLIAM F. HOYT ..... page 1

Vasopressin test in cases of optic atrophy and optic neuritis P. O. LUNDBERG, P. O. OSTERMAN, and L. WIDE ..... page 7

Treatment of ocular myasthenia with corticotrophin F. B. GIBBERD, F. NAVAB, and C. L. SMITH ... page 11

L-Dopa in Parkinsonism associated with cerebellar dysfunction (probable olivopontocerebellar degeneration) HAROLD L. KLAWANS, JR., and EARL ZEITLIN ..... page 14

Transitory procaine-induced Parkinsonism F. GJERRIS ..... page 20

Phosphoribosyl transferase activity in normal subjects, gout patients, and children with mental retardation CHRISTINE EYRE, A. N. DAVISON, and J. T. SCOTT ..... page 23

Linoleate metabolism in multiple sclerosis J. BELIN, N. PETTET, A. D. SMITH, R. H. S. THOMPSON, and K. J. ZILKHA ..... page 25

Urine concentration in depressive illness G. G. ELLIS, ALEC COPPEN, and A. I. M. GLEN ..... page 30

A study of a respiratory related variation of muscle tone during the decrement of decerebrate tonic in ECT P. C. C. TRESISE ..... page 32

Craniopharyngiomas—a summary of 85 cases J. R. BARTLETT ..... page 37

Neuropathy associated with lymphoma J. C. WALSH ..... page 42

Motor paralysis during asphyxial block of the ulnar nerve D. C. SINCLAIR, A. B. MATHESON, and W. G. SKENE ..... page 51

Observations on the responses of muscle to mechanical and electrical stimuli J. C. MEADOWS ..... page 57

Diagnosis and treatment of thoracic intervertebral disc protrusions JAMES CARSON, JOHN GUMPERT, and ANTONY JEFFERSON ..... page 68

Observations on distal intravascular pressure changes and cerebral blood flow after common carotid artery ligation in man A. E. HOLMES, I. M. JAMES, and C. C. WISE ..... page 78

Posterior fossa subdural haematoma associated with anticoagulant therapy T. CAPISTRANT, R. GOLDBERG, H. SHIBASAKI, and D. CASTLE ..... page 82

Reappraisal of alcoholic myopathy AMIN A. FARIS and MARCELINO G. REYES ..... page 86

Familial muscular dystrophy of late onset PAUL A. BACON and BARBARA SMITH ..... page 93

Epilepsy after missile wounds of the head ADELOLA ADELOYE and E. LATUNDE ODEKU ..... page 98

Proceedings of the Society of British Neurological Surgeons ..... page 104

Book reviews ..... page 110

# Contents

## No. 1 FEBRUARY 1971

	<i>Page</i>
Geniculate hemianopia: incongruous homonymous field defects in two patients with partial lesions of the lateral geniculate nucleus CARL H. GUNDERSON and WILLIAM F. HOYT.....	1
Vasopressin test in cases of optic atrophy and optic neuritis P. O. LUNDBERG, P. O. OSTERMAN, and L. WIDE....	7
Treatment of ocular myasthenia with corticotrophin F. B. GIBBERD, F. NAVAB, and C. L. SMITH.....	11
L-Dopa in Parkinsonism associated with cerebellar dysfunction (probable olivopontocerebellar degeneration) HAROLD L. KLAWANS, Jr., and EARL ZEITLIN.....	14
Transitory procaine-induced Parkinsonism F. GJERRIS.....	20
Phosphoribosyl transferase activity in normal subjects, gout patients, and children with mental retardation CHRISTINE EYRE, A. N. DAVISON, and J. T. SCOTT.....	23
Linoleate metabolism in multiple sclerosis J. BELIN, N. PETTET, A. D. SMITH, R. H. S. THOMPSON, and K. J. ZILKHA	25
Urine concentration in depressive illness G. G. ELLIS, ALEC COPPEN, and A. I. M. GLEN.....	30
A study of a respiratory related variation of muscle tone during the decrement of decerebrate tonicity in ECT P. C. C. TRESISE.....	32
Craniopharyngiomas—a summary of 85 cases J. R. BARTLETT.....	37
Neuropathy associated with lymphoma J. C. WALSH.....	42
Motor paralysis during asphyxial block of the ulnar nerve D. C. SINCLAIR, A. B. MATHESON, and W. G. SKENE	51
Observations on the responses of muscle to mechanical and electrical stimuli J. C. MEADOWS.....	57
Diagnosis and treatment of thoracic intervertebral disc protrusions JAMES CARSON, JOHN GUMPERT, and ANTONY JEFFERSON.....	68
Observations on distal intravascular pressure changes and cerebral blood flow after common carotid artery ligation in man A. E. HOLMES, I. M. JAMES, and C. C. WISE.....	78
Posterior fossa subdural haematoma associated with anticoagulant therapy T. CAPISTRANT, R. GOLDBERG, H. SHIBASAKI, and D. CASTLE.....	82
Reappraisal of alcoholic myopathy AMIN A. FARIS and MARCELINO G. REYES.....	86
Familial muscular dystrophy of late onset PAUL A. BACON and BARBARA SMITH.....	93
Epilepsy after missile wounds of the head ADELOLA ADELOYE and E. LATUNDE ODEKU.....	98
Proceedings of the Society of British Neurological Surgeons.....	104
Book reviews.....	110

## No. 2 APRIL 1971

Fast and slow twitch units in a human muscle R. E. P. SICA and A. J. MCCOMAS.....	113
Electrophysiological estimation of the number of motor units within a human muscle A. J. MCCOMAS, P. R. W. FAWCETT, M. J. CAMPBELL, and R. E. P. SICA.....	121
Electrophysiological study of dystrophia myotonica A. J. MCCOMAS, M. J. CAMPBELL, and R. E. P. SICA.....	132
Visual reactions in a case of long-lasting cortical blindness J. W. G. TER BRAAK, V. W. D. SCHENK, and A. G. M. VAN VLIET.....	140
Epidemiology of headache and migraine in women W. E. WATERS and P. J. O'CONNOR.....	148
Insulin induced hypoglycaemia in migraine JOHN PEARCE.....	154
Spontaneous intracerebral haemorrhage in patients suspected of multiple sclerosis I. F. ABROMS, L. YESSAYAN, J. SHILLITO, and C. F. BARLOW.....	157
Clinico-radiological study of collateral circulation after internal carotid and middle cerebral occlusion M. GADO and JOHN MARSHALL.....	163
Cockayne's syndrome: case report L. CROME and G. C. KANJILAL.....	171
Lymphocyte sensitization to nervous tissues and muscle in patients with the Guillain-Barré syndrome E. A. CASPARY, S. CURRIE, J. N. WALTON, and E. J. FIELD.....	179
The syndrome of isolated epileptic status J. M. OXBURY and C. W. M. WHITTY.....	182
Motor neurone disease BHAGWAN SHAHANI, G. A. B. DAVIES-JONES, and W. RITCHIE RUSSELL.....	185
Performance on delayed response tasks by patients with Parkinsonism DAVID J. DE LANCY HORNE.....	192
Relation of hypermagnesaemia to activity and neuroleptic drug therapy in schizophrenic states C. J. BRACKENRIDGE and IVOR H. JONES.....	195
Book reviews.....	700
Notice: Postal strike.....	120

No. 3 JUNE 1971

Levodopa's awakening effect on patients with Parkinsonism GAYLE G. MARSH, CHARLES M. MARKHAM, and ROBERT ANSEL .....	209
Comparison of benefit from L-dopa in Parkinsonism with increase of amine metabolites in the CSF R. B. GODWIN-AUSTEN, B. D. KANTAMANENI, and G. CURZON.....	219
Uptake and release of <sup>14</sup> C-5-hydroxytryptamine by platelets in affective illness DAVID M. SHAW, DAVID A. MACSWEENEY, NORMAN WOOLCOCK, and A. B. BEVAN-JONES.....	224
Effects of initial conditions on the Hoffman reflex GERALD L. GOTTLIEB and GYAN C. AGARWAL.....	226
Hamstrings stretch reflex in human spasticity DAVID BURKE, J. D. GILLIES, and JAMES W. LANCE.....	231
The corneomandibular reflex ROBERT M. GORDON and MORRIS B. BENDER.....	236
Sensory conduction from digit to palm and from palm to wrist in the carpal tunnel syndrome FRITZ BUCHTHAL and ANNELEISE ROSENFALCK.....	243
Peripheral neuropathy after disulfiram administration CHRISTOPHER GARDNER-THORPE and SIDNEY BENJAMIN.....	253
Clinical observations on sensory effects of trigeminal dorsal root section ADOLFO LEY and JOSÉ MA. GUITART.....	260
Closed head trauma and aphasia KENNETH M. HEILMAN, ARTHUR SAFRAN, and NORMAN GESCHWIND.....	265
Late results of bulbar trigeminal tractotomy D. MOFFIE.....	270
Visually evoked responses in multiple sclerosis E. T. RICHEY, K. A. KOOI, and W. W. TOURTELLOTTE.....	275
Analysis of electrodermal evidence for a paramedullary afferent tract in patients with a transection of the thoracic spinal cord MARCUS J. FUHRER.....	281
Some observations on the fluttering midline echo in echoencephalography D. N. WHITE and C. O. JENKINS.....	289
Chemical epidural abscess: case report N. VIJAYAN and P. M. DREYFUS.....	297
Acute controlled hypotension and EEG in patients with hypertension and cerebrovascular disease P. HARMSÉN, J. KJÆRULFF, and E. SKINHØJ.....	300
Spontaneous canine hydrocephalus: cerebrospinal fluid dynamics A. SAHAR, G. M. HOCHWALD, W. J. KAY, and J. RANSOHOFF.....	308
Cerebral arachnoid cysts in children M. J. G. HARRISON.....	316
Symptomatic cysts of the telencephalic choroid plexus CHARLES R. NEBLETT and JOSEPH W. ROBERTSON.....	324
Recognition and naming of object-drawings by men with focal brain wounds FREDA NEWCOMBE, R. C. OLDFIELD, G. G. RATCLIFF, and W. WINGFIELD.....	329
Fatal encephalopathy complicating lymphoid interstitial pneumonia MICHAEL JEFFERSON, D. RIDDOCH, and W. THOMAS SMITH.....	341
Histochemically demonstrable fibre abnormalities in normal skeletal muscle and in muscle from carriers of Duchenne muscular dystrophy C. J. MORRIS and J. A. RAYBOULD.....	348
Sensitized lymphocytes in muscular dystrophy: evidence for a neural factor in pathogenesis E. A. CASPARY, S. J. JARRIE, and E. J. FIELD.....	353
Pancreatic encephalopathy B. SHARF and E. BENTAL.....	357
Note on the value of Frenzel's glasses for the recognition and qualitative evaluation of spontaneous nystagmus H. H. TSCHANG and M. SPENCER HARRISON.....	362
Book reviews.....	367

No. 4 AUGUST 1971

Focal dysplasia of the cerebral cortex in epilepsy D. C. TAYLOR, M. A. FALCONER, C. J. BRUTON, and J. A. N. CORSELLIS.....	369
Cervical spondylosis causing vertebrobasilar insufficiency: a surgical treatment DONALD R. SMITH, GARY D. VANDERARK, and LUDWIG G. KEMPE.....	388
The posterior operation in treatment of cervical spondylosis with myelopathy: a long-term follow-up study S. N. BISHARA.....	393
An investigation of experimental myasthenia gravis S. F. JONES, J. L. BRENNAN, and J. G. MCLEOD.....	399
Normal sensory conduction in the nerves of the leg in man FRIEDRICH BEHSE and FRITZ BUCHTHAL.....	404
Motor and sensory nerve conduction velocity in the baboon: normal values and changes during acrylamide neuropathy A. P. HOPKINS and R. W. GILLIATT.....	415
Clinical and pathological findings in an unusual infantile motor neurone disease RENATA KOHN.....	427

Cortisol in the cerebrospinal fluid of patients suffering from affective disorders ALEC COPPEN, B. W. L. BROOKS-BANK, R. NOGUERA, and D. A. WILSON.....	432
Subdural spread of medulloblastoma: case report G. H. KOENIG.....	436
Incidence and distribution of neomembranes of dura mater REINHARD L. FRIEDE.....	439
Immunosuppressive therapy in polymyositis S. CURRIE and J. N. WALTON.....	447
Functional compensation in partially denervated muscles A. J. MCCOMAS, R. E. P. SICA, M. J. CAMPBELL, and A. R. M. UPTON.....	453
An electrophysiological study of Duchenne dystrophy A. J. MCCOMAS, R. E. P. SICA, and S. CURRIE.....	461
An electrophysiological investigation of limb-girdle and facioscapulohumeral dystrophy R. E. P. SICA and A. J. MCCOMAS.....	469
Invasion of cranial nerves by salivary cylindroma: four cases treated by radiotherapy MICHAEL SWASH.....	475
Effect of carbon dioxide inhalation on the pattern of gaseous metabolism in ischaemic zones of the primate cortex LINDSAY SYMON, G. KHODADAD, and G. MONTOYA.....	481
Book reviews.....	487

No. 5 OCTOBER 1971

page

Judgment of spatial orientation in patients with focal brain damage ENNIO DE RENZI, PIERO FAGLIONI, and GIUSEPPE SCOTTI.....	489
Disturbances of the body schema in relation to language impairment and hemispheric locus of lesion J. SAUGUET, A. L. BENTON, and H. HÉCAEN.....	496
Psychiatric aspects in Parkinsonism treated with L-dopa ANTÓNIO R. DAMÁSIO, JOÃO LOBO-ANTUNES, and CARLOS MACEDO.....	502
Muscle silent period in Parkinson's disease D. C. HIGGINS, N. H. HAIDRI, and A. J. WILBOURN.....	508
Mechanical properties of dystrophic mouse muscle J. B. HARRIS and P. WILSON.....	512
Miniature end-plate potentials in neuromuscular disease: an electrophysiological investigation of motor-point muscle biopsies J. HAYNES.....	521
Serum creatine kinase studies in the detection of carriers of Duchenne dystrophy R. C. HUGHES, DOROTHY C. PARK, MARY E. PARSONS, and M. D. O'BRIEN.....	527
Myasthenia gravis occurring in twins T. NAMBA, M. S. SHAPIRO, N. G. BRUNNER, and D. GROB.....	531
Prognosis of pituitary adenomas with arteriographic abnormal vascularization D. A. ROTH, E. J. FERRIS, and U. TOMIYASU.....	535
Angioblastic meningioma with hepatic metastasis CAROL K. PETITO and ROBERT S. PORRO.....	541
Ependymal cyst of the spinal cord: case report HUGH S. WISOFF and NITYA R. GHATAK.....	546
Altered thermal sensitivity in injured and demyelinated nerve FLOYD A. DAVIS and SAMUEL JACOBSON.....	551
Orthostatic hypotension and the Holmes-Adie syndrome R. H. JOHNSON, D. L. MCLELLAN, and D. R. LOVE.....	562
Effect of folic acid by mouth on cerebrospinal fluid homovanillic acid and 5-hydroxyindoleacetic acid concentration RICHARD HUNTER, JOANNA BARNES, G. CURZON, B. D. KANTAMANENI, and CATHERINE DUNCAN.....	571
Common carotid ligation for the treatment of ruptured posterior communicating aneurysms R. V. JEFFREYS and A. E. HOLMES.....	576
Response of cerebrospinal fluid pressure to hyperbaric oxygenation T. HAYAKAWA, N. KANAI, R. KURODA, R. YAMADA, and H. MOGAMI.....	580
Vascular responses to acute intracranial hypertension S. S. HAYREH and J. EDWARDS.....	587
Non-uniform response of regional cerebral blood flow to stimulation of cervical sympathetic nerve TAKENORI YAMAGUCHI and ARTHUR G. WALTZ.....	602
Idiopathic polyneuritis: serial studies of nerve and immune functions MICHAEL P. MCQUILLEN.....	607
Human flexor reflexes BHAGWAN T. SHAHANI and ROBERT R. YOUNG.....	616
Radiofrequency cordotomy for the relief of spasticity in decerebrate cats DANIEL SORIANO and RICHARD HERMAN.....	628
Scoliosis: a rare manifestation of intrinsic tumours of the spinal cord in children M. BANNA, G. W. PEARCE, and R. ULDALL.....	637
Clustering of the morphological components of perinatal telencephalic leucoencephalopathy ALAN LEVITON and FLOYD H. GILLES.....	642

Activation of the electroencephalogram with intravenous Brietal (methohexitone): the findings in 100 cases JOHN GUMPERT and RONALD PAUL.....	646
Book reviews.....	649

No. 6 DECEMBER 1971

<i>Listeria monocytogenes</i> meningitis: an opportunistic infection JOHN F. SIMPSON.....	657
Familial cirroid aneurysm of the scalp G. KHODADAD.....	664
Analysis of L-dopa induced dyskinesias in 51 patients with Parkinsonism R. T. JONES, T. S. ELIZAN, and G. J. SIEGEL.....	668
Blink reflex studies in patients with Parkinsonism before and during therapy C. A. PENDERS and P. J. DELWAIDE.....	674
Effect of L-dopa on speech in Parkinsonism R. LEANDERSON, B. A. MEYERSON, and A. PERSSON.....	679
Failure of vitamin B <sub>6</sub> to reverse the L-dopa effect in patients on a dopa decarboxylase inhibitor HAROLD L. KLAWANS, STEVEN P. RINGEL, and DAVID M. SHENKER.....	682
Effect of intracranial hypotension on cerebral blood flow J. H. SALMON and A. L. TIMPERMAN.....	687
Akinetic mutism and bilateral anterior cerebral artery occlusion FRANK R. FREEMON.....	693
Potential of 'late' responses evoked in muscles during effort A. R. M. UPTON, A. J. MCCOMAS, and R. E. P. SICA.....	699
Impaired potentiation of H-reflexes in patients with upper motoneurone lesions R. E. P. SICA, A. J. MCCOMAS, and A. R. M. UPTON.....	712
Malignant gliomas occurring in identical twins B. FAIRBURN and H. URICH.....	718
Spina bifida cystica C. C. MICHAEL JAMES.....	723
Folate metabolism in epileptic and psychiatric patients E. H. REYNOLDS, J. PREECE, and A. L. JOHNSON.....	726
Some observations on electroencephalograms of myoclonus epilepsy I. KADOBAYASHI, G. UKIDA, and I. KAWAI.....	733
Sphenoidal defects—a possible cause of cerebrospinal fluid rhinorrhoea A. C. HOOPER.....	739
Neurofibromatosis and leprosy THOMAS R. SWIFT.....	743
Comparison of median and ulnar sensory nerve action potentials in the diagnosis of the carpal tunnel syndrome S. C. LOONG and C. S. SEAH.....	750
Pathological findings in a case of hypothyroidism with ataxia R. O. BARNARD, M. J. CAMPBELL, and W. I. MCDONALD.....	755
On finding striated muscle in the brain STEPHEN F. HOFFMAN and LUCY BALIAN RORKE.....	761
Stretch reflexes in the upper limb of spastic man PETER ASHBY and DAVID BURKE.....	765
Book reviews.....	772
Index to Volume 34.....	779
Contents of Volume 34	