Sudanophil leucodystrophy in a pachygyric brain

Chemical analysis of formalin-fixed material revealed a general reduction in the myelin-forming constituents with the exception of the sphingomyelin. Cholesterol esters were abnormally increased as were neuraminic acid, lipid hexosamine, and residue hexosamine. An elder sibling shows a closely similar clinical picture.

This work has been done with the help of the Nuffield Foundation.

REFERENCES


The August 1962 Issue

THE AUGUST 1962 ISSUE CONTAINS THE FOLLOWING PAPERS:—

Sources of error in the biochemical diagnosis of muscular dystrophy W. H. S. THOMSON

Observations on peripheral servo mechanisms in Parkinsonian rigidity WILLIAM WARD HOFMANN

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Diffuse hypertrophy of the cerebellum THOMAS COOK, SHIRLEY HOLT, and P. O. YATES

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I The relationship between nominal dysphasia and the acquisition of vocabulary in childhood

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Book reviews

Copies are still available and may be obtained from the PUBLISHING MANAGER, BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, W.C.1, price 17s. 6d.
Adrenaline, effect on Parkinsonian tremor, 116
Amaurotic idiocy, juvenile and late forms in one family, 352
Amputation in childhood, phantom experiences following, 69
Amyotrophy, neuralgic; prognosis, 396
Anaesthesia, hypotensive, cerebral complications of, in healthy subject, 24
ANDREW, J.: Urinary incontinence and frontal lesions, 185
Anerysm, cerebral berry, ruptured, complicated by intracerebral haematoma, 378
—, —, ruptured middle and anterior, distal to circle of Willis; treatment, 182
—, intracranial, ruptured, cerebral pathology in, 393
—, surgical treatment of, under hypothermia and controlled respiration, 394
—, natural history of, 393
Angiitis, non-infectious —, intracranial, 24
ALDIS, G.: Medical geography, 399
AMNESIA, PROSOPAGNOSIA, AND SPATIAL DISORIENTATION, 1961, 190
ANATOMIC, PATHOLOGIC ASPECTS OF THE DISEASE, 1962, 190
ANATOMIE, DE L'ARTERIELLE TITANESQUE, 1961, 91
HUGHES, R. R.: An introduction to clinical electroencephalography, 1961, 91
International Neurological Symposium, 3rd, 1958, Chemical pathology of the nervous system, 1961, 189
—, Psychiatric Congress 1959, Proceedings, 1962, 287
LAZORTHES, G.: Vascularisation et circulation cérébrales, 1961, 90
LEGH, D.: The historical development of British psychiatry, Vol. 1, 1961, 189
MCLINN, R., and RODNIGHT, R.: Practical neurochemistry, 1962, 398
MACKEITH, R., and SANDLER, J., eds.: Psychosomatic aspects of pediatrics, 1961, 189
MAGNUSS, O., STORM VAN LEEUWEN, W., and COBB, W. A.: Electroencephalography and cerebral tumours, 1962, 288
MICHIKE, A.: Die Chirurgie des Nervus facialis, 1960, 92
MONNER, M. E., ed.: Aktualités neurophysiologiques, 3e série, 1961, 398
QUASTEL, J. H., ed.: Methods in medical research, Vol. 9, 1961, 287
—, and QUASTEL, D. M.: The chemistry of brain metabolism in health and disease, 1961, 90
SALZMAN, L., and MASSERMAN, J., eds.: Modern concepts of psychoanalysis, 1962, 400
SCHULTZE, W.: Klinik der ‘anasthesial’ Psychiatrie, 1962, 400
SCHWARTZ, P.: Cerebral apoplexy, 1961, 290
SHEER, D. E., ed.: Electrical stimulation of the brain, 1961, 190
SMITH, G. O.: Basic neuroanatomy, 1962, 189
STAVARSKY, G. W.: Supersensitivity following lesions of the nervous system, 1962, 287
STEWART, L. F.: Introduction to the principles of electroencephalography, 1962, 287
VIETS, H. R., ed.: Myasthenia gravis, 1961, 190
WALTON, J. N.: Essentials of neurology, 1961, 90
YATES, P. O., and HUTCHINSON, E. C.: Cerebral infarction, 1961, 91

Books received:
FRANK, J. D.: Persuasion and healing, 1961, 92
HANSEN, K., and SCHLACK, H.: Segmentale Innervation, 1962, 400
KLEIST, K.: Sensory aphasia and amusia, 1960, 400
KRAULAND, D.: Uber die Quellen des akuten und chronischen subduralen Hamatoms, 1961, 92
Praktisches Handbuch des Rorschachtests, 1961, 92
Scientific Basis of Medicine: Annual Reviews, 1961, 92
THOMAS, H.: Anorexia nervosa, 1961, 400
TRAUB, S. P.: Roentgenologie of intracranial meningiomas, 1961, 92
ZEH, W.: Die Amnesien, 1961, 92
BRAGANCA, B. M., SEE YOKA, D. D., et al.: Brain aneurysms, ruptured middle and anterior, distal to circle of Willis; treatment, 182
—, —, pathology of, 393
Brain, angiomata in, migrainous symptoms of, 45
—, cerebro-macular degeneration and ataxia, familial, 63
—, circulation time. I. Normal values and alterations with cerebral vascular disease and tumour in arm-to-retina circulation times, 292
—, complications of hypotensive anaesthesia in healthy subject, 24
—, cystic tuberculoma treated surgically, 370
—, distribution of plaques in, in multiple sclerosis, 315
—, frontal lesions and urinary incontinence, 185
—, gas gangrene infection of, 184
—, haematomyoma complicating ruptured cerebral beryll aneurysm, 378
—, lobectomy, temporal, for epilepsy, memory impairment after, 251
—, pachygyric, sudanophil leucodystrophy, 363
—, pathology in ruptured intracranial aneurysms, 393
—, plaques in, distribution in multiple sclerosis, 315
—, posterior orbital areas as objective in psychosurgery: stereotactic approach, 394
—, right hemisphere lesions, reading disability associated with, 339
—, successive and simultaneous posterior parietal alterations, changes in tactile discrimination and visual reaching after, in monkey, 256
—, tumour, alterations in arm-to-retina circulation times, 292
—, vascular disease, alterations in arm-to-retina circulation times in, 292
BriERELEY, J. B.: Some neurosurgical aspects of hypothermia and extracorporeal circulation, 183
—, and COOPER, J. E.: Cerebral complications of hypotensive anaesthesia in a healthy subject, 24
Bronchus, carcinoma of, myasthenic syndrome associated with, 31
BORNSTEIN, B. See PEZVNER, S., BORNSTEIN, B., and LOEWENTHAL, M.
BROWNELL, B., and HUGHES, J. T.: The distribution of plaques in the cerebrum in multiple sclerosis, 315
Carotid, bronchial, myasthenic syndrome associated with, 31
Carotid arteries, cerebral, blood flow in, 184, 303
Cerebellum, diffuse hypertension of, 218
Cerebro-macular degeneration and ataxia, familial, 63
Cerebrospinal fluid, proteins in, immunonochemical study, 177
Chromatin, sex, in teratomatous cysts within vertebral canal, 159
Cingulate, anterior, bilateral damage, effects in cats, 387
Circulation, arm-to-retina, times, normal values and alteration with cerebral vascular disease and tumour in, 292
—, extra-corporeal, neurosurgical aspects of, 183
COLOVER, J. et al.: Effect of intrathecal purified protein derivative of tuberculin in multiple sclerosis, 79
COLVER, T., and KERRIDGE, D. F.: Birth order in epileptic children, 59
Conjunctiva, numerical variation with age of compact nerve endings in, 134
CONNOLLY, R. C.: Intermittent symptoms in spinal cord compression, 192
CONSTAS, C.: The effects of adrenaline, noradrenaline, and isoprenaline on Parkinsonian tremor, 116
COOK, T., HOLT, S., and YATES, P. O.: Diffuse hypertrophy of the cerebellum, 218
COOPER, J. E. See BRIERELEY, J. B., and COOPER, J. E.
CROME, L.: The association of phenyketonuria with leucodystrophy, 149
—, TYMM, V., and WOOLF, L. L.: A chemical investigation of the defects of myelinization in phenyketonuria, 143
CROMPTON, M. R.: Intracerebral haematomyoma complicating ruptured cerebral berry aneurysm, 378
Cystis, enterogenous, pre-axial, 184
—, teratomatous, within vertebral canal, sex chromatin in, 159
DANBY, T. A. See NORMAN, R. M. et al.
—, See also VORA, D. D. et al.
DAWS, R. A.: Surgical treatment of intracranial aneurysms under hypothermia and controlled respiration, 394
DESAI, A. D. See DASTUR, H. M., DESAI, A. D., and DASTUR, D. K.
Diabetes, neuropathy in, peripheral nerve conduction in, 11
DUARTE, J. See HOEFNAGEL, D., BENIRSCHKE, K., and DUARTE, J.
DU BOULAY, G. H.: Some aspects of the natural history of aneurysms, 393
DUCETT, S., FRANCE, N. E., and WALLIS, P. G.: Clinical and pathological findings in a case of hepatolenticular degeneration treated with penicillamine, 374
Encephalopathy, myoclonic, in infants, 271
Enterogenous cysts, pre-axial, 184
Epileptic children, birth order in, 59
EPTSTEIN, R. E. See EPTSTEIN, J. A., EPTSTEIN, B. S., and LAVINE, L.
EPTSTEIN, J. A., EPTSTEIN, B. S., and LAVINE, L.: Nerve root compression associated with narrowing of the lumbar spinal canal, 165
ETTLINGER, G., and KALMBECK, J. E.: Changes in tactile discrimination and in visual reaching after successive and simultaneous bilateral posterior parietal ablations in the monkey, 256
FALCONER, M. A., and SERAFINTINDES, E. A.: The incidence and significance of speech disturbances during temporal seizures, 394
—, See also SERAFINTINDES, E. A., and FALCONER, M. A.
FAMILY size, relation of persistent pain to, 277
FIELD, E. J., and FOSTER, J. B.: Periphlebitis retinae and multiple sclerosis, 269
FONDEKAR, B. B. See VORA, D. D. et al.
FOSTER, J. B., and INGRAM, T. S.: Familial cerebro-macular degeneration and ataxia, 63
—, See also FIELD, E. F., and FOSTER, J. B.
FRANCE, N. E. See DUCETT, S., FRANCE, N. E., and WALLIS, P. G.
Gangrene, gas, infection of brain, 184
GILLIATT, R. W., and WILDEON, R. G.: Peripheral nerve conduction in diabetic neuropathy, 11
GILROY, J. See GOTHAM, J. E., GILROY, J., and MEYER, J. S.
GONDA, T. A.: The relation between complaints of persistent pain and family size, 277
GORTAVI, P.: Deformities of hands and feet in Parkinsonism and their reversibility by operation, 395
Granulomatous angiitis, non-infectious, of nervous system associated with Hodgkin's disease, 51
GUTHKELCH, A. N.: Studies in spina bifida cystica. II. When to repair the spinal defect, 137
Haematomyoma, intracerebral, complicating ruptured cerebral berry aneurysm, 378
HAGBARTH, K.-E.: Post-tetanic potentiation of myotatic reflexes in man, 1
HANKINSON, J.: Therapeutic uses of radio-isotopes, 184
HARRIS, P.: Some uses of methyl methacrylate in surgical neurology, 186
HARTER, D. H. See BARROWS, H. S., and HARTER, D. H.
HEARD, G., and PAYNE, E. E.: Scolloping of the vertebral bodies in von Recklinghausen's disease of the nervous system, 345
Hemianopic field defects, completion of visual forms across, 208
Hepatolenticular degeneration treated with penicillamine, 374
Hodgkin's disease, non-infectious granulomatous angitis of nervous system associated with, 51
HOEPNAGEL, D., BENIRSCHKE, K., and DUARTE, J.: Teratomatous cysts within the vertebral canal, 159
HOFFMAN, J. See ZEMAN, W., and HOFFMAN, J.
HOFFMAN, W. W.: Observations on peripheral servo mechanisms in Parkinsonian rigidity, 293
—, Regulatory mechanisms in Parkinsonian tremor, 109
HOLT, S. See COOK, T., HOLT, S., and YATES, P. O.
HUFSCHEIDT, H.-J., and SPULER, H.: Mono- and polysynaptic reflexes of the trigeminal muscles in human beings, 332
HUGHS, B.: The value of stimulation in the surgery of the deep thalamic nuclei, 394
HUGHS, J. T. See BROWNELL, B., and HUGHS, J. T.
HYDROMELIA, cervico-dorsal, 185
Hypotensive anaesthesia, cerebral complications of, in healthy subject, 24
Hypothalamic and controlled respiration, surgical treatment of intracranial aneurysms under, 394
—, induced, in neurological surgery, 182
—, neurosurgical aspects of, 183
—, profound, techniques and physiological aspects of, 183
Idiocy, amaurotic, juvenile and late onset in one family, 352

INGRAM, T. T. S. See FOSTER, J. B., and INGRAM, T. T. S.

International Society for Research in Stereonecrophatology, news, 92

Isoprenaline, effects on Parkinsonian tremor, 116


IYER, C. G. S. See VORA, D. D. et al.

JEFFERSON, A.: Trigeminal neuralgia; trigeminal root injections using phenol in glycerine, 395

JENNETT, B., JOHNSON, R., and REID, R.: Myodil ventriculography in the diagnosis of pineal region tumours, 185

JOHNSON, R. See JENNETT, B., JOHNSON, R., and REID, R.

KALSBEEK, J. E. See ETLINGER, G., and KALSBEEK, J. E.

KERRIDGE, D. F., See COLVER, T., and KERRIDGE, D. F.

KINSBOURNE, M.: Myoclonic encephalopathy of infants, 271

—, and WARRINGTON, E. K.: A variety of reading disability associated with right hemisphere lesions, 339

KNIGHT, G.: Posterior orbital areas as an objective in psychosurgery: stereotaxic approach, 394

KNYAZEVA, G. R. See BEYN, E. S. and KNYAZEVA, G. R.

KREMER, M. See COLOVER, J. et al.

KRISTIANSSON, K.: Local cerebral cooling in neurological operations, 183

LADER, M. H., and MONTAGU, J. D.: The psycho-galvanic reflex, 126

LAVINE, L. See EYSTEIN, J. A., EYSTEIN, B. S., and LAVINE, L.

LEES, F. I.: The migrainous symptoms of cerebral angitis, 45

LELE, P. P.: An electrothermal stimulator for sensory tests, 329

Leucodystrophy, association with phenylketonuria, 149

—, sudanophil, in pachygyric brain, 363

Lobectomy, temporal, for epilepsy, memory impairment after, 251

LOEWENTHAL, M., See PEVZNER, S., BORNSTEIN, B., and LOEWENTHAL, M.

LOGUE, V., and SMITH, B.: Cerebral pathology in ruptured intracranial aneurysms, 393

LOVELACE, R. E. See COLOVER, J. et al.

MACDERMOTT, V., See WISE, R. P., and MACDERMOTT, V.

MCPHERSON, P. M.: See MARK, V. H., SWEET, W. H., and MCPHERSON, P. M.


MARSHALL, J.: Observations on essential tremor, 122

Memory impairment after temporal lobectomy for epilepsy, 251

Meningiomas, tentorial, 40

Methyl methacrylate, uses in surgical neurology, 186


MEYER, J. S. See GOTHAM, J. E., GILROY, J., and MEYER, J. S.

Migrainous symptoms of cerebral angitis, 45

MONTAGU, J. D. See LADER, M. H., and MONTAGU, J. D.

Muscles, trigeminal, mono- and polysynaptic reflexes of, 332

Muscular dystrophy, sources of error in biochemical diagnosis of, 191

Myasthenia gravis associated with bronchial carcinoma, 31

Myelination defects of, in phenylketonuria, chemical investigation, 143

Myoclonic encephalopathy in infants, 271

Myodil ventriculography in diagnosis of pineal region tumours, 185

Myotatic reflexes, post-tenetatic potentiation of, 1

Names, studies in development and breakdown of use of, 222, 228

Naming disorders, experimental production of, in normal people, 228

Nerve conduction, changes in, in acute idiopathic polyneuritis, 321

—, peripheral, conduction in diabetic neuropathy, 11

— root compression associated with narrowing of lumbar spinal canal, 165

Neuritic amyotrophy: prognosis, 396

Neurofibromatosis, scolling of vertebral bodies in, 345

Neuropathy, diabetic, peripheral nerve conduction in, 11

Neuroradiology, Commission of, of World Federation of Neurology, report by, 282

NEWTON, E. J.: Hydromelia, 185

Nominal dysphasia, relationship to acquisition of vocabulary in childhood, 222

Noradrenaline, effects on Parkinsonian tremor, 116

NORMAN, R. M. et al.: Sudanophil leucodystrophy in a pachygyric brain, 363

O'CONNELL, J. F. A.: Surgical problems in the separation of craniopagus twins, 392

OPPENHEIMER, D. R. See WATKINS, E. S., and OPPENHEIMER, D. R.

Ortho-creosyl-phosphate, toxic polyneuritis due to, in Bombay, 234

Pain, persistent, relationship to family size, 277

Parietal ablations, successive and simultaneous posterior, changes in tactile discrimination and visual reading after, in monkey, 256


Parkinson's disease, deformities of hands and feet in, and their reversibility by operation, 395

—, peripheral servo mechanisms in rigidity in, 203

—, tremor in, effects of adrenaline, noradrenaline and isoprenaline on, 116

—, —, regulatory mechanism in, 109

PAYNE, E. E. See HEARD, G., and PAYNE, E. E.

Penicillamine in treatment of hepatolenticular degeneration, 374

Periphrastic retinase and multiple sclerosis, 269

PEVZNER, S., BORNSTEIN, B., and LOEWENTHAL, M.: Prosopagnosia, 336

Phantom experiences following amputation in childhood, 69

Phenol in glycerine, trigeminal root injections using, 395

Phenylketonuria, association with leucodystrophy, 149

—, defects of myelination in: chemical investigation, 143


Pineal region tumours, Myodil ventriculography in diagnosis of, 185

Polyneuritis, acute idiopathic, changes in nerve conduction in, 321

—, circulatory responses to Valsalva's manoeuvre in patients with, 19

—, toxic, due to ortho-creosyl-phosphate poisoning in Bombay, 234

PRABHAKARAN, K., See VORA, D. D. et al.

Prosopagnosia, 154, 336

Proteins in cerebrospinal fluid, immunochemical study, 177

Psycho-galvanic reflex: pharmacological study of the peripheral mechanism, 126

Radio-isotopes, therapeutic uses of, 184

Reading disability associated with right hemisphere lesions, 339

Reflexes, blink, 93

—, mono, and polysynaptic, of trigeminal muscles, 332

—, myotatic, post-tenetatic potentiation of, 1

—, psycho-galvanic; pharmacological study of the peripheral mechanism, 126

REID, R. See JENNETT, B., JOHNSON, R., and REID, R.

Retina, periphrastic of, and multiple sclerosis, 269

RECASTLE, G. N., and TOM, M. I.: Non-infectious granulomatous angiitis of the nervous system associated with Hodgkin's disease, 51

REISSGER, P. M.: A clinical study of the numerical variations with age of compact nerve endings in the human conjunctiva, 134

ROCHEFORD, G., and WILLIAMS, M.: Studies in the development and breakdown of the use of, 222, 228

ROSENTHAL, F. D., and SOOTHILL, J. F.: An immunochemical study of the proteins in cerebrospinal fluid, 177

ROSS, D.: Techniques and physiological aspects of profound hypothermia, 183

RUSHWORTH, G.: Observations on blink reflexes, 93

RUSSELL, J. A., and TAYLOR, J. C.: Glutamine infection of the brain, 184

Sclerosis, multiple, distribution of plaques in cerebrum in, 315

—, effect of intrathecal purified protein derivative of tuberculin in, 79

—, peripheral retinase and, 269

SEARS, T. A. See BANNISTER, R. G., and SEARS, T. A.

SEDZIMAR, C. B. See IYAN, S. R., and SEDZIMAR, C. B.

Seizures, temporal, speech disorders during, incidence and significance of, 394

Sensory tests, electro-thermal stimulator for, 329

SERAFOVIDES, E. A., and FALCONER, M. A.: Some observations on memory impairment after temporal lobectomy for epilepsy, 251

—, see also FALCONER, M. A., and SERAFIVIDES, E. A.
Index

SHEPHERD, R.: Treatment of ruptured middle and anterior cerebral aneurysms distal to the circle of Willis, 182
SILVER, J. R., see COLOVER, J. et al.
Simmel, M. L.: Phantom experiences following amputation in childhood, 69
SMALL, J. M.: Pre-axial enterogenous cysts, 184
SMITH, B. see LOGUE, V., and SMITH, B.
Society of British Neurological Surgeons, proceedings of 64th meeting, 182; 65th meeting, 392
SOOTHELL, J. F. see ROSENTHAL, F. D., and SOOTHELL, J. F.
Speech disorders during temporal seizures, incidence and significance of, 394
Spina bifida cystica, when to repair spinal defect, 137
Spinal canal, lumbar, narrowing of, nerve root compression associated with, 165
— — —, sex chromatin in teratomatous cysts within, 159
— cord compression, intermittent symptoms in, 392
— disease, circulatory responses to Valsalva's manoeuvre in patients with, 19
— — disorders, vertebral artery insufficiency in, 393
SPULER, H. see HUSCHMIDT, H.-J., and SPULER, H.
Stereotactic surgery: instrumentation in, 86
Stereotaxic approach to posterior orbital areas in psychosurgery, 394
STERW, W. E.: Experimental and clinical observations on cervical carotid blood flow, 184, 303
Stimulation in surgery of deep thalamic nuclei, 394
Stimulator, electro-thermal, for sensory tests, 329
SWEET, W. H. see MARK, V. H., SWEET, W. H., and MCPHERSON, P. M.

Tactile discrimination, changes in, after successive and simultaneous bilateral posterior parietal ablations in monkey, 256
TAYLOR, A. R.: Vertebral artery insufficiency in spinal cord disorders, 393
TAYLOR, J. C. see RUSSELL, J. A., and TAYLOR, J. C.
Tentorium, meningiomas of, 40
Teratomatous cysts within vertebral canal, sex chromatin in, 159
Tetanus, post-tetanic potentiation of myotatic reflexes, 1
Thalamic nuclei, deep, value of stimulation in surgery of, 394
Thalamolysis, mental disturbances after, 243
THOMSON, W. H. S.: Sources of error in the biochemical diagnosis of muscular dystrophy, 191
TINGLY, A. H. see NORMAN, R. M. et al.
TOM, M. I. see REWCastle, N. B., and TOM, M. I.
Tremor, essential, 122
— in Parkinson's disease, effects of adrenaline, noradrenaline and isoprenaline on, 116
— — —, regulatory mechanisms in, 109
Trigeminal muscles, mono- and polysynaptic reflexes of, 332
— neuralgia: trigeminal root injections using phenol in glycerine, 395
Tuberculina, intrathecal purified protein derivative of, effect in multiple sclerosis, 79
Tuberculoma, cystic cerebral, treated surgically, 370
TURNER, J. W. A.: Neuralgic amyotrophy, the prognosis, 396
Twin, cranio-pagus, surgical problems in separation of, 392
TYMM, V. see CRONE, L., TYMM, V., and WOOLF, L. I.

UHLFELN, A.: Induced hypothermia in neurological surgery, 182
Urinary incontinence and frontal lesions, 185

VALENTINE, J. C. see NORMAN, R. M. et al.
Valsalva's manoeuvre, circulatory responses to, in patients with polyneuritis and spinal cord disease, 19
Ventriculography, ethiodan, modification of, using radio-opaque catheter, 395
— Myodil, in diagnosis of pineal region tumours, 185
Vertebral artery insufficiency in spinal cord disorders, 393
— bodies, scoloping of, in von Recklinghausen's disease of nervous system, 345
— canal, lumbar, narrowing of, nerve root compression associated with, 165
— —, sex chromatin in teratomatous cysts within, 159
Visual forms, completion of, across hemianopic field defects, 208
— reaching, changes in, after successive and simultaneous bilateral posterior parietal ablations in monkey, 256
Vocabulary, acquisition of, relationship of nominal dysphasia to, in childhood, 222
von Recklinghausen's disease of nervous system, scoloping of vertebral bodies in, 345
VORA, D. D. et al.: Toxic polynuereitis in Bombay due to ortho-cresylphosphate poisoning, 234

WALLIS, P. G. see DUCKETT, S., FRANCE, N. E., and WALLIS, P. G.
WARRINGTON, E. K.: The completion of visual forms across hemianopic field defects, 208
— see KINSBOURNE, M., and WARRINGTON, E. K.
WATKINS, E. S., and OPPENHEIMER, D. R.: Mental disturbances after thalamolysis, 243
WATSON, W. E.: Some circulatory responses to Valsalva's manoeuvre in patients with polyneuritis and spinal cord disease, 19
WILLIAMS, M. see ROCHEFORD, G., and WILLIAMS, M.
WILLISON, R. G. see GILLIATT, R. W., and WILLISON, R. G.
Wise, R. F., and MACDERMOT, V.: A myasthenic syndrome associated with bronchial carcinoma, 31
WOOLF, L. I. see CRONE, L., TYMM, V., and WOOLF, L. I.
World Federation of Neurology, Commission of Neuoradiology, report by, 282

YATES, P. O. see COCK, T., HOLT, S., and YATES, P. O.

ZEMAN, W., and HOFFMAN, J.: Juvenile and late forms of amaurotic idiocy in one family, 352

404