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Editor of the *British Medical Journal*

Volume XXXI  
New Series  
1968

LONDON · BRITISH MEDICAL ASSOCIATION · TAVISTOCK SQUARE W.C.1

and cartilage, and performing a laminectomy for two segments above the spina bifida. It was not wise to untether the cord. Re-operation had been needed in three cases due to late loss of function.

**BRAIN TUMOUR CHEMOTHERAPY WITH  
INTRATHECAL METHOTREXATE**

HORACE NORRELL and CHARLES WILSON (Lexington, Kentucky) described a technique for administering methotrexate to patients with recurrent malignant

brain tumours. A Hyer-Pudenz shunt with Coe-Shulte reservoir was placed between ventricle and cisterna magna or between the ventricles. Methotrexate (0.25-0.375 mg/kg) was injected into the shunt and pumping the device ensured rapid and even dissemination in the cerebrospinal fluid. Nine patients had been treated and seven showed neurological improvement. The best results had been obtained in posterior fossa tumours of primitive type in children. The c.s.f. continued to show presence of malignant cells in spite of apparent remission of clinical features.

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## The December 1967 Issue

### THE DECEMBER 1967 ISSUE CONTAINS THE FOLLOWING PAPERS

Twelve cases of fatal cerebral infarction due to arterial occlusion in the absence of atheromatous stenosis or embolism J. HUME ADAMS and DAVID I. GRAHAM

Recurrent cholesterol embolism as a cause of fluctuating cerebral symptoms W. IAN McDONALD

An experimental study of traumatic cerebral vascular spasm LINDSAY SYMON

The myenteric plexus in drug-induced neuropathy BARBARA SMITH

Polyneuritis cranialis associated with industrial trichloroethylene poisoning PETER H. BUXTON and MICHAEL HAYWARD

Myopathy with abnormal structure and function of muscle mitochondria W. C. HULSMANN, J. BETHLEM, A. E. F. H. MEIJER, P. FLEURY, and J. P. M. SCHELLENS

Denervated muscle fibres in hereditary mouse dystrophy A. J. MCCOMAS and K. MROZEK

Acute optic neuritis: its clinical features and their relation to prognosis for recovery of vision W. G. BRADLEY and C. W. M. WHITTY

Shrinking retrograde amnesia D. FRANK BENSON and NORMAN GESCHWIND

Effect of cyanide intoxication on the metachromatic material found in the central nervous system M. Z. M. IBRAHIM and SEYMOUR LEVINE

Long-term follow-up of nine cases of ventriculocisternostomy for non-neoplastic aqueductal occlusion ROBERT C. CANTU and JOST J. MICHELSEN

Von Hippel-Lindau's disease presenting at an early age P. J. BOURDILLON and R. C. HICKMAN

Cerebral abscess in hereditary haemorrhagic telangiectasia: report of two cases in a family N. H. DYER

A new method for the cytological examination of the cerebrospinal fluid RUNE SÖRNÄS

Synkinetic movements of the eyelid: a case with some unusual mechanisms of paradoxical lid retraction W. G. BRADLEY and B. K. TOONE

Encephalopathy due to visceral larva migrans DAVID SUMNER and ELLIS G. F. TINSLEY

Proceedings of the Society of British Neurological Surgeons: 75th meeting

Book Reviews

Copies are still available and may be obtained from the PUBLISHING MANAGER,

BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, W.C.1., price 18s. 6d.