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 SÖRNAS
- 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**

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