Sugars and Glycolytic Enzymes of Spinal Fluid in Epidemic Cerebro-spinal Meningitis. (*Journ. Clin. Invest., vol. xv, pp.* 519–23, 1936.) *Hubbard, R. S., Russell, N. G., jun., and Russell, N. M.*

Specimens of spinal fluid from two patients with meningococcic meningitis gave a positive test for fructose. Incubation destroyed reducing substance but not fructose, the glycolytic enzyme responsible for this change being present in the leucocytes. J. B. BROWN (Chem. Abstr.).

Cerebro-spinal Fluid in Vascular Diseases of the Central Nervous System. (*Bull. Neur. Inst. New York, vol. v, p.* 5, *Aug.*, 1936.) *Brewer, E. D., and Hare, C. C.*

A series of 317 patients with vascular diseases of the nervous system were studied, and the results compared with those of spinal fluids from 186 patients with cerebral tumour. The spinal fluids associated with vascular diseases were normal in 55·6% of the cases as concerns total protein content and globulin reaction. The fluids associated with brain tumour were normal in 44·6%.

Fluids from patients with vascular disease of the spinal cord were not characteristic. An elevation of the spinal manometric pressure over 180 mm. of water definitely favoured the diagnosis of brain tumour, as did to a less degree the presence of more than 100 mgrm. per 100 c.c. of total protein.

A pleocytosis and xanthochromia occurred not infrequently in both conditions.

The vascular diseases occurred in the proportion of 68·6% males to 31·4% females. T. E. BURROWS.

ERRATA.

In Dr. A. Beck's article on " Immunity against *Spirochæta pallida* " in the May, 1936, number, at bottom of p. 254 the following correction should be made :

For " the statement of Truffi that spirochætes are able to survive for 5 hours in birds' blood, which has a normal temperature of 45° C.", read " the statement of Truffi that spirochætes are able to survive for 5 hours in bird's blood, *the normal temperature of which exceeds* 42° C."

In Drs. Mayer and Pilkington's article on " Some Problems in Pathogenesis in Schilder's Disease " in the November, 1936, number, on p. 822, para. 2, line 4, *for* " fatal after a few days ", read " fatal after a few *months* ".

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