

Cerebrospinal fluid glucose level in CM are decreased in about 25-40% of the cases and is called hypoglycorrhachia ¹⁾.

Normal glucose levels in CSF range between 50-80 mg/dl. Hypoglycorrhachia occurs because of the metabolism of tumor cells or defective transport mechanisms. This is also seen in infective meningitis, and cytology is necessary to differentiate between the two in such cases. Initial CSF cytology is positive in 55% of the cases ²⁾.

The glucose levels in CSF also have a prognostic value. The probability of CM is less with hyperglycorrhachia, and levels greater than 2.7 mmol/L are associated with better outcomes ^{3) 4)}.

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