

Current recommendations for the empirical treatment of central nervous system (CNS) infection in the presence of a shunt recommend using IV [vancomycin](#) in combination with an agent that has adequate gram-negative coverage, such as [cefepime](#), [ceftazidime](#), [cefotaxime](#), or [meropenem](#). The ability of a medication to penetrate the CSF as well as the activity of the [antibiotic](#) against the bacterial [biofilm](#) are also important to consider for [antibiotic](#) choice ¹⁾.

¹⁾

Yilmaz A, Dalgic N, Musluman M, et al. Linezolid treatment of shunt-related cerebrospinal fluid infections in children. J Neurosurg Pediatr. 2010;5:443-448.

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