

Cerebrospinal fluid culture

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- [Rapid diagnosis of bacterial meningitis using point-of-care PCR assay with negative cerebrospinal fluid culture](#)
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- [Advancements in the identification and utilization of cerebrospinal fluid immunological biomarkers for the diagnosis of tuberculous meningitis](#)
- [Case Report: Spinal cord abscess due to *Nocardia farcinica* presenting as longitudinally extensive transverse myelitis](#)

A cerebrospinal fluid (CSF) [culture](#) is a laboratory test to look for bacteria, fungi, and viruses in the fluid that moves in the space around the spinal cord. CSF protects the brain and spinal cord from injury.

Performing [follow-up cerebrospinal fluid cultures](#) has been demonstrated to lower mortality rates in Post-neurosurgical patients suffering from Gram-negative bacterial meningitis/[encephalitis](#). The higher mortality rate observed in patients with persistent gram-negative bacterial meningitis/encephalitis suggests that performing [follow-up cerebrospinal fluid cultures](#) is a crucial component of proper patient [care](#) and management, and is therefore recommended for use by clinicians as a [standard practice](#). This finding underscores the significance of consistent implementation of [follow-up cerebrospinal fluid cultures](#) in the management and prognosis of patients with Post-neurosurgical [infections](#) ¹⁾

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Sun J, Shi Y, Ding Y, Wang S, Qian L, Luan X, Li G, Chen Y, Li X, Lv H, Zheng G, Zhang G. Effect of Follow-Up [Cerebrospinal Fluid Cultures](#) in Post-Neurosurgical Patients' Outcome with Gram-Negative [Bacterial Meningitis](#)/Encephalitis. Infect Drug Resist. 2023 Sep 22;16:6285-6295. doi: 10.2147/IDR.S425799. PMID: 37771842; PMCID: PMC10522782.

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Last update: **2024/06/07 02:54**

