

Mycobacterium mucogenicum

[Mycobacterium](#) mucogenicum is a rare non-tuberculous organism associated with catheter-related infections when pathogenic in humans. We present the first case of an [external ventricular drain](#) (EVD)-associated M. mucogenicum meningitis.

Case presentation: A 55-year-old woman had EVD placement for obstructive hydrocephalus following traumatic subarachnoid haemorrhage. Cerebrospinal fluid (CSF) was obtained 5 days later for fever and neurological changes. M. mucogenicum was ultimately isolated from the CSF and the patient was placed on appropriate antibiotics. Her management included replacement of the EVD and a prolonged course of anti-mycobacterial antibiotics. CSF findings showed her response to therapy and neurological exam improved after 6 weeks.

Conclusion: M. mucogenicum infections are very rare and existing reports indicate that it may be a device- or catheter-related pathogen. This microorganism has not been previously associated with an EVD. Ours may be the first documented report of EVD-related M. mucogenicum infection ¹⁾.

¹⁾

Moiz S, Rahman O, Morcos M, Siddiqui A, Hameed UB. Mycobacterium mucogenicum meningitis due to external ventricular drain. Access Microbiol. 2020 Sep 3;2(11):acmi000167. doi: 10.1099/acmi.0.000167. PMID: 33294770; PMCID: PMC7717484.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=mycobacterium_mucogenicum

Last update: **2024/06/07 03:00**

