

# Caulobacter

Caulobacter species are [Gram negative bacteria](#) that have rarely been found to be pathogenic in humans.

A report describes the first case, of [meningitis](#) in an adult patient caused by Caulobacter spp.

A 75 year-old-man was operated for a [glioblastoma](#) with no evident signs of primary [wound infection](#).

Eight days after surgery the patient developed signs and symptoms of meningitis. Caulobacter was then isolated on three separate occasions in the patient's [cerebrospinal fluid](#) (CSF). Thereafter, specific [antibiotic](#) therapy began. After two weeks of therapy the patient was discharged with complete resolution of any related symptoms.

Caulobacter species can cause adult meningitis even where there is no evidence of [surgical site infection](#) <sup>1)</sup>.

<sup>1)</sup>

Penner F, Brossa S, Barbui AM, Ducati A, Cavallo R, Zenga F. Caulobacter spp: A rare pathogen responsible for paucisintomatic persisitant meningitis in a glioblastoma patient. World Neurosurg. 2016 Sep 17. pii: S1878-8750(16)30846-4. doi: 10.1016/j.wneu.2016.09.020. [Epub ahead of print] PubMed PMID: 27650802.

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