

Ceftaroline

Results suggest that the antibacterial activity of both ceftaroline and vancomycin are similar in the treatment of MRSA meningitis in an experimental rabbit meningitis model.¹⁾

Roujansky et al. observed that even in the case of mild meningeal inflammation, ceftaroline penetration in CSF, although moderate, enabled efficient bacterial clearance and clinical efficacy, in conjunction to correct ventriculoperitoneal shunt management.²⁾.

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¹⁾

Mermer S, Turhan T, Bolat E, Aydemir S, Yamazhan T, Pullukcu H, Arda B, Sipahi H, Ulusoy S, Sipahi OR. Ceftaroline versus vancomycin in the treatment of methicillin-resistant *Staphylococcus aureus* (MRSA) in an experimental MRSA meningitis model. *J Glob Antimicrob Resist.* 2020 Sep;22:147-151. doi: 10.1016/j.jgar.2020.02.001. Epub 2020 Feb 14. PMID: 32068093.

²⁾

Roujansky A, Martin M, Gomart C, Hulin A, Mounier R. Multidrug-Resistant *Staphylococcus epidermidis* Ventriculostomy-Related Infection Successfully Treated by Intravenous Ceftaroline after Failure of Daptomycin Treatment. *World Neurosurg.* 2020 Apr;136:221-225. doi: 10.1016/j.wneu.2020.01.013. Epub 2020 Jan 10. PMID: 31931253.

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