

Prophylactic antibiotics for posttraumatic cerebrospinal fluid fistula

The rate of [central nervous system infection](#) (CNSI) is marginal and antibiotics do not appear to confer a protective advantage. A larger trial is needed to elucidate the true effect of antibiotics on preventing CNSIs in patients with [posttraumatic pneumocephalus](#) or [cerebrospinal fluid leak](#) ¹⁾.

In a [meta-analysis](#) individually, each of the studies included in an analysis demonstrated no significant difference in the incidence of meningitis with [prophylactic antibiotics](#). The reason for this is that inadequate numbers of patients were available at each institution. Pooling the data from the past 25 years revealed a statistically significant reduction in the incidence of meningitis with prophylactic antibiotic therapy ²⁾.

[Prophylactic antibiotics](#) is an [option](#) and not a [recommendation](#) ³⁾.

Prophylactic antibiotics for temporal bone fracture

[Prophylactic antibiotics for temporal bone fracture](#).

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Wang HP, Reif RJ, Kalkwarf KJ, Jensen HK, Jenkins AK, Bhavaraju A. Prophylactic Antibiotics in Patients with Traumatic Pneumocephalus or Cerebrospinal Fluid Leak. Am Surg. 2022 Aug 18;31348221117041. doi: 10.1177/00031348221117041. Epub ahead of print. PMID: 35979960.

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Brodie HA. [Prophylactic antibiotics](#) for posttraumatic cerebrospinal fluid fistulae. A meta-analysis. Arch Otolaryngol Head Neck Surg. 1997 Jul;123(7):749-52. doi: 10.1001/archotol.1997.01900070093016. PMID: 9236597.

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JAUME, Alejandra et al. Fístula de líquido cefalorraquídeo postraumática: propuesta de algoritmo diagnóstico y terapéutico. Arch. Med Int [online]. 2015, vol.37, n. 1 [citado 2022-08-24], pp.47-52. Disponible em:

<http://www.scielo.edu.uy/scielo.php?script=sci_arttext&pid=S1688-423X2015000100009&lng=pt&rm=iso>. ISSN 0250-3816

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