

ZSFG Penetrating Brain Injury Antibiotic Prophylaxis Guidance

Excerpt from the ZSFG 2022 TBI Guidelines, available in full on the CHN Intranet

Administer vancomycin and ceftriaxone at meningitic doses prophylactically for 24-48hrs, with the option to extend to 5 days if the team deems it appropriate. If missile tract crosses an air sinus add metronidazole to this regimen.

| Antibiotic | Adult Dose | Comments |
|--|--|---|
| Vancomycin | IV Vancomycin dosed per Pharmacy Goal trough 15-20 mg/L | Vancomycin per pharmacy is for adults only. For pts < 18 yrs, refer to IDMP Pediatric/Neonatal Antimicrobial Dosing* |
| Ceftriaxone | 2 g IV q12h | |
| Metronidazole | 500 mg IV/PO q8h | Add if missile tract crosses an air sinus |
| Duration of antibiotic prophylaxis: 24 – 48 hours. May extend up to 5 days per team discretion | | |

*For detailed dosing guidance, including dosing for pediatric & neonatal patients, please refer to the Antimicrobial Dosing Guidelines section of IDMP: <https://idmp.ucsf.edu/antimicrobial-dosing-guidelines>

Reference: TBI Guidelines 2022 (Full Version)

https://in-dphsp01.in.sfdph.net/CHNPolicies/SitePages/CC-Neuro_Resources.aspx