

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