



Antibiotic Guideline for Open Sternum

PCICU Patients:

- Prophylaxis with **Cefazolin** from time of chest opening until **24 hours post chest closure**.
 - Dosing:
 - Postnatal Age \leq 7 days: IV: 30mg/kg/dose every 12 hours.
 - Postnatal Age $>$ 7 days: IV: 30 mg/kg/dose every 8 hours.
- “MRSA Screen”- Order #: LAB234 (ideally sent 1-7 days preop):
 - If Pre-op MRSA Screen **POSITIVE**:
 - **Add vancomycin** 15mg/kg IV, (max dose 2000mg)
“Pharmacy to dose” in addition to cefazolin
 - Chlorhexidine and Mupirocin per standard post-op protocol
 - If Pre-op MRSA Screen **NEGATIVE**:
 - Chlorhexidine and mupirocin per standard post-op protocol
 - Cefazolin alone for open chest prophylaxis
 - If Pre-op MRSA Screen **UNKNOWN or not sent**:
 - Send “MRSA Screen” (order #: LAB234)
 - Chlorhexidine and mupirocin per standard-post op protocol
 - Add **vancomycin** 15mg/kg IV, (max dose 2000mg) “Pharmacy to dose” in addition to cefazolin if screen results positive