THE DISPENSE AND ADMINISTRATION OF AN ALTERNATE DRUG PRODUCT MUST BE DEEMED ACCEPTABLE BY THE PHARMACY & THERAPEUTICS COMMITTEE.

- This document is used to support best practices for administration of surgical antibiotic prophylaxis.
- If history of severe or life-threatening allergic reaction to the preferred antibiotic, then give alternative antibiotic.
- Initial antibiotic dose for all drugs must be started within one hour prior to incision except Vancomycin AND Fluoroquinolones, which must be started within 2 hours prior to incision because of the prolonged infusion time required for these drugs (TCHHN policy 2.43.127)
- The National Surgical Infection Prevention (SIP) project mandates that prophylactic antibiotics not be extended beyond 24 hours of the end of the operation.
- CMS requirements are indicated with an asterisk (*).
- Cefazolin dosing is 2g unless patient weight is > 120 kg.
- Gentamicin dosing is based on ideal body weight unless the patient is 20% above their IBW; then, an adjusted dosing weight is used: Dosing weight (kg) = IBW + [0.4 x (ABW – IBW)].
- All antibiotics indicated are given intravenously, unless otherwise noted.
- Shaded procedures are screened for MRSA colonization. If positive, use Vancomycin 15 mg/kg dosing based on actual body weight; maximum dose of 2g.

### References
- The Christ Hospital Health Network Policy 2.43.127 – Perioperative Antibiotic Dosing.