

Prophylactic Antibiotic Regimen Selection for Surgery

Source: Specifications Manual version 2.0a, Effective with discharges 07/01/06

Surgical Procedure	Approved Antibiotics
CABG, Other Cardiac or Vascular	Cefazolin, Cefuroxime, Cefamandole Table 3.1 or Vancomycin** Table 3.8 If β -lactam allergy: Vancomycin* Table 3.8 or Clindamycin* Table 3.9
Hip/Knee Arthroplasty	Cefazolin or Cefuroxime Table 3.2 or Vancomycin** Table 3.8 If β -lactam allergy: Vancomycin* Table 3.8 or Clindamycin* Table 3.9
Colon	Oral: after effective mechanical bowel preparation, Neomycin Sulfate Table 3.3 + Erythromycin Base Table 3.4 OR Neomycin Sulfate Table 3.3 + Metronidazole Table 3.4 Administered for 18 hours preoperatively Parenteral: Cefotetan, Cefoxitin, Cefmetazole, or Ampicillin/Sulbactam Table 3.5 OR Cefazolin Table 3.6 + Metronidazole Table 3.6a If β -lactam allergy: Clindamycin Table 3.9 + Gentamicin Table 3.11, or Clindamycin Table 3.9 + Quinolone Table 3.12, or Clindamycin Table 3.9 + Aztreonam Table 2.7 OR Metronidazole Table 3.6a with Gentamicin Table 3.11, or Metronidazole Table 3.6a + Quinolone Table 3.12
Hysterectomy	Cefotetan, Cefazolin, Cefoxitin, Cefuroxime, or Ampicillin/Sulbactam Table 3.7 If β -lactam allergy: Clindamycin Table 3.9 + Gentamicin Table 3.11, or Clindamycin Table 3.9 + Quinolone Table 3.12 OR Clindamycin Table 3.9 + Aztreonam Table 2.7 OR Metronidazole Table 3.6a + Gentamicin Table 3.11, or Metronidazole Table 3.6a + Quinolone Table 3.12 OR Clindamycin monotherapy Table 3.9
Special Considerations	*For cardiac, orthopedic, and vascular surgery, if the patient is allergic to β -lactam antibiotics, Vancomycin or Clindamycin are acceptable substitutes. **Vancomycin is acceptable with a physician documented justification for its use (see data element Vancomycin)

