

SCIP—Inpatient Antibiotic Recommendations



The antibiotic regimens described in the table reflect the combined, published recommendations of the American Society of Health-System Pharmacists, the Medical Letter, the Infectious Disease Society of America, the Sanford Guide to Antimicrobial Therapy 2009, and the Surgical Infection Society. Information reflects the Centers for Medicare & Medicaid Services (CMS)/ The Joint Commission (TJC) Specifications Manual for discharges 01/01/14 (1Q14) - 09/30/14 (3Q14).

Surgical Procedure	Prophylactic Antibiotic Regimens	Antibiotics for β -lactam Allergy
CABG, Other Cardiac or Vascular	Cefazolin or Cefuroxime or Vancomycin*	Vancomycin** or Clindamycin**
Hip/Knee Arthroplasty	Cefazolin or Cefuroxime Or Vancomycin	Vancomycin or Clindamycin
Colon	Cefotetan, or Cefoxitin, or Ampicillin/Sulbactam or , Ertapenem*** or Metronidazole + Cefazolin or Metronidazole + Cefuroxime Metronidazole**** + Ceftriaxone	Clindamycin + Aminoglycoside or Clindamycin + Quinolone or Clindamycin + Aztreonam or Metronidazole + Aminoglycoside or Metronidazole + Quinolone
Hysterectomy	Cefotetan or Cefazolin, or Cefoxitin or Cefuroxime or Ampicillin/Sulbactam	Clindamycin + Aminoglycoside or Clindamycin + Quinolone or Clindamycin + Aztreonam or Metronidazole + Aminoglycoside or Metronidazole + Quinolone or Vancomycin + Aminoglycoside or Vancomycin + Aztreonam or Vancomycin + Quinolone
Principal Procedure Code of Abdominal Hysterectomy with an Other Procedure Code of Colon Surgery Or Vaginal Hysterectomy with an Other Procedure Code of Colon Surgery	Cefotetan or Cefazolin or Cefoxitin or Cefuroxime or Ampicillin/Sulbactam OR Ertapenem***	Clindamycin + Aminoglycoside or, Clindamycin + Quinolone or Clindamycin + Aztreonam or Metronidazole + Aminoglycoside or Metronidazole + Quinolone or Vancomycin + Aminoglycoside or Vancomycin + Aztreonam or Vancomycin + Quinolone

* Vancomycin is acceptable with a physician/APN/PA/pharmacist documented justification for its use (see data element Vancomycin). Documentation by an infection control practitioner is also acceptable if it is specifically designated as "infection control" documentation

** For cardiac, orthopedic and vascular surgery, if the patient is allergic to beta-lactam antibiotics, Vancomycin or Clindamycin are acceptable substitutes.

*** A single dose of Ertapenem is recommended for colon procedures.

**** This combination should only be used in hospitals where surgical site infection surveillance demonstrates gram negative surgical infections resistant to first and second generation cephalosporins. It is recommended not to be used routinely.