

Surgical Procedure	Approved Antibiotics
Cardiac (Pacemakers or AICDs) or Vascular	
	Cefazolin, Cefuroxime or Vancomycin* If β -lactam allergy: Vancomycin* or Clindamycin
Orthopedic/Podiatry	
	Cefazolin or Cefuroxime or Vancomycin* If β -lactam allergy: Vancomycin* or Clindamycin
Genitourinary	
Transrectal prostate biopsy	Quinolone [†] or 2nd Generation Cephalosporin or 3rd Generation Cephalosporin or Aminoglycoside + Metronidazole or Aminoglycoside + Clindamycin or Aztreonam + Metronidazole or Aztreonam + Clindamycin
Penile prosthesis insertion, removal, revision	Ampicillin/Sulbactam or Ticarcillin/Clavulanate or Piperacillin/Tazobactam or Aminoglycoside + 1st Generation Cephalosporin or Aminoglycoside + 2nd Generation Cephalosporin or Aminoglycoside + Vancomycin* or Aminoglycoside + Clindamycin or Aztreonam + 1st Generation Cephalosporin or Aztreonam + 2nd Generation Cephalosporin or Aztreonam + Vancomycin* or Aztreonam + Clindamycin
Gastric/Biliary	
PEG placement, PEG revision	Cefazolin or Cefuroxime, Cefoxitin or Cefotetan or Ampicillin/Sulbactam or Cefazolin or Cefuroxime + Metronidazole If β -lactam allergy: Clindamycin + Aminoglycoside or Clindamycin + Quinolone or Vancomycin* + Aminoglycoside
Colon	
	Cefotetan, Cefoxitin, Ampicillin/Sulbactam or Ertapenem [†] OR Cefazolin or Cefuroxime + Metronidazole If β -lactam allergy: Clindamycin + Aminoglycoside or Clindamycin + Quinolone or Clindamycin + Aztreonam OR Metronidazole with Aminoglycoside or Metronidazole + Quinolone

Gynecological	
Hysterectomy	Cefotetan, Cefazolin, Cefoxitin, Cefuroxime, or Ampicillin/Sulbactam If β -lactam allergy: Clindamycin + Aminoglycoside or Clindamycin + Quinolone or Clindamycin + Aztreonam OR Metronidazole + Aminoglycoside or Metronidazole + Quinolone
Laparoscopically-assisted hysterectomy; Vaginal hysterectomy	Cefazolin, Cefuroxime, Cefoxitin, Cefotetan or Ampicillin/Sulbactam If β -lactam allergy: Metronidazole + Aminoglycoside or Metronidazole + Quinolone or Clindamycin + Aminoglycoside or Clindamycin + Quinolone
Pubovaginal sling	1st Generation cephalosporin or 2nd Generation cephalosporin or Ampicillin/Sulbactam or Quinolone [†] If β -lactam allergy: Aminoglycoside + Clindamycin or Aminoglycoside + Metronidazole or Aztreonam + Clindamycin or Aztreonam + Metronidazole
Head and Neck	
	Cefazolin or Cefuroxime or Clindamycin \pm Aminoglycoside
Neurological	
	Nafcillin or Oxacillin Cefazolin or Cefuroxime Vancomycin* or Clindamycin
Special Considerations	
<p>*For cardiac, orthopedic and vascular surgery, if the patient is allergic to β-lactam antibiotics, Vancomycin or Clindamycin are acceptable substitutes.</p> <p>*Vancomycin is acceptable with a physician/APN/PA/pharmacist documented justification for its use (see data element <i>Vancomycin</i>)</p> <p>† A single dose of ertapenem is recommended for colon procedures.</p> <p>†The only operations for which oral antibiotics alone are acceptable are the transrectal prostate biopsy and pubovaginal sling procedures.</p> <p>"β-lactam" refers to antibiotics in the penicillin and cephalosporin classes.</p> <p>1st Generation cephalosporin is cefazolin.</p> <p>2nd Generation cephalosporins include cefoxitin, cefotetan and cefuroxime.</p> <p>3rd Generation cephalosporins include ceftriaxone, cefotaxime and ceftazidime.</p> <p>Quinolones include levofloxacin (used most frequently), ciprofloxacin, moxifloxacin and gatifloxacin.</p> <p>Aminoglycosides include gentamicin, tobramycin and amikacin.</p>	