

PERI-OPERATIVE ANTIBIOTIC PROPHYLAXIS TO PREVENT SURGICAL-SITE INFECTION

NOTE: Antibiotics should be completely infused within 60 min prior to incision. NEVER "split" doses: give the full dose at one time.

	Antibiotic 1	Antibiotic 2	Antibiotic 3	Antibiotic 4	Antibiotic 5	Antibiotic 6	Antibiotic 7	Antibiotic 8
Initial Dose								
Administration								
Redosing Interval During Surgery								
CrCl >60								
CrCl 30-60								
CrCl 10-29								
CrCl <10 or HD								

Procedure	Prophylaxis Recommendations	PCN Allergy Alternate Prophylaxis
Urologic surgery		
Transrectal prostate biopsy		
Transurethral surgery (e.g. TURP, TURBT, ureteroscopy, cystoureteroscopy)		
Lithotripsy		
Nephrectomy or radical prostatectomy		
Radical cystectomy, cystoprostatectomy or anterior exenteration		
Penile or other prostheses		
Head and neck surgery		
Major procedure with incision of oral or pharyngeal or sinus mucosa		
Major neck dissection or parotid dissection		
Thyroid/parathyroid surgery		
Tonsillectomy		
Cardiac surgery		
Median sternotomy/uncomplicated heart transplant		
Heart transplant – previous VAD or MRSA colonization/infection		
Pacemaker placement		
Lung transplant		
LVAD/BIVAD placement		
Vascular surgery		
All procedures		
Thoracic surgery		
All cases except esophageal		
Esophageal cases		
Neurosurgery		
Craniotomy (including shunt placement)		
Spinal fusion		
Laminectomy		
Gynecologic surgery		
Cesarean section		
Hysterectomy (abdominal or vaginal)		
Repair of cystocele or rectocele		
Dilation and curettage		
Orthopedic surgery		
Joint replacement		
Open reduction of fracture		
Lower limb amputation		
Spinal fusion		
Laminectomy		
Arthroscopic surgery		
General surgery		
Inguinal hernia repair		
PEG		
Gastrectomy/hepatectomy/cholecystectomy		
Small bowel or colon surgery		
Whipple procedure or pancreatectomy		
Appendectomy (uncomplicated), if complicated or perforated, treat as peritonitis		
Penetrating abdominal trauma		
Mastectomy		
Mastectomy with lymph node dissection		
Plastic surgery		
Tissue expander insertion/all flaps		
Rhinoplasty		
Transplant surgery		
Pancreas or pancreas/kidney transplant		
Renal transplant/adult live donor		
Liver transplant		