

**Table 2 Prophylactic antibiotic recommendations for different procedures**

<b>Procedure</b>	<b>Antimicrobial Agent</b>	<b>Dose</b>	<b>Timing</b>	<b>Duration</b>
<b>Dental</b>	Cephalexin, cephradine, amoxicillin	2 gm PO	1 hour prior to procedure	Discontinued within 24 hours of the procedure. For most outpatient/office-based procedures a single pre-procedure dose is sufficient.
<b>Ophthalmic</b>	Gentamicin, tobramycin, ciprofloxacin, gatifloxacin, levofloxacin, moxifloxacin, ofloxacin, or meomycin-gramicidin-polymyxin B cefazolin	Multiple drops topically over 2 to 24 hours or 100 mg subconjunctivally	Consult ophthalmologist or pharmacist for dosing regimen	
<b>Orthopaedic†</b>	Cefazolin Cefuroxime OR Vancomycin	1-2 g IV 1.5 g IV 1 g IV	Begin dose 60 minutes prior to procedure	
<b>Vascular</b>	Cefazolin OR Vancomycin	1-2 g IV 1 g IV	Begin dose 60 minutes prior to procedure	
<b>Gastrointestinal</b>				
Esophageal, gastroduodenal	Cefazolin	1-2 g IV	Begin dose 60 minutes prior to procedure	
Biliary tract	Cefazolin	1-2 g IV		
Colorectal	Neomycin + erythromycin base (oral) OR metronidazole (oral)	1 g 1 g	Dependent on time of procedure, consult with GI physician and/or pharmacist	
<b>Head and neck</b>	Clindamycin + gentamicin OR cefazolin	600-900 mg IV 1.5 mg/kg IV 1-2 g IV	Begin dose 60 minutes prior to procedure	
<b>Obstetric and gynecological</b>	Cefoxitin, cefazolin Ampicillin/sulbactam	1-2 g IV 3 g IV	Begin dose 60 minutes prior to procedure	
<b>Genitourinary</b>	Ciprofloxacin	500 mg PO or 400 mg IV	1 hour prior to procedure Begin dose 60 minutes prior to procedure	

† If a tourniquet is used, the entire dose of antibiotic must be infused prior to its inflation