

Common Bacterial Infections

Condition	Antibiotic therapy
Uncomplicated cellulitis	Keflex
Pneumonia	Azithromycin → Azithromycin + ceftriaxone → ? MRSA / pseudomonas
UTI	Bactrim / nitrofurantoin → beta-lactam → ciprofloxacin
Urological procedure	Ciprofloxacin
Intra-abdominal infection	Cipro/Flagyl, Augmentin / Unasyn Zosyn
MSSA bacteremia	Nafcillin
MRSA bacteremia	Vancomycin → Linezolid / Daptomycin
Neutropenic Fever	Cefepime → If not improving, consider vanc → antifungals.
ESBL	Carbapenem
Necrotic Pancreatitis	Carbapenem
C diff	Oral Vancomycin → Fidaxomicin [Dificid]
Osteomyelitis / Endocarditis	6 weeks of IV antibiotics, drug depending on the bug
Bacterial Meningitis	Vancomycin + ceftriaxone → may also need Ampicillin Also consider dexamethasone
Ticks	Doxycycline
Cat/dog/human bite	Augmentin

Garg's
Simple Medicine
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Common Antibiotics

CEPHALOSPORINS		
	IV	Oral
1 st gen	Cefazolin	Cephalexin [Keflex]
2 nd gen	Cefuroxime [Ceftin] Cefotetan	Cefuroxime [Ceftin]
3 rd gen	Ceftriaxone [Rocephin] Ceftazidime [Fortaz] Cefotaxime	Cefdinir [Omnicef]
4 th gen	Cefepime	<none>
5 th gen	Ceftaroline [Teflaro]	<none>
Pseudomonas coverage MRSA coverage		

other BETA-LACTAMS		
	IV	Oral
Penicillins	Nafcillin Ampicillin Ampicillin + Sulbactam [Unasyn] Piperacillin-Tazobactam [Zosyn]	Amoxicillin Amoxicillin + clavulanate [Augmentin]
Carbapenem	Ertapenem Meropenem [Merrem] Imipenem	
Monobactam	Aztreonam	
Pseudomonas coverage MRSA coverage		

Fluoroquinolones	
	IV / oral
2 nd gen	Ciprofloxacin
3 rd gen	Levofloxacin [Levaquin]
4 th gen	Moxifloxacin
All have anti-pseudomonas coverage Use less – try cephalosporins first.	