

Drug (route)	Gram (+)		Gram (-)		Anaerobes	Atypicals	Comments
		MRSA		P. aeruginosa		Mycoplasma Legionella Chlamydia	
Penicillin					G(+)		DOC: Streptococcus, Peptostreptococcus
Nafcillin (IV)							DOC: MSSA; dosed q4h
Amoxicillin (PO); Ampicillin (IV)							
Amox/clav (PO); Amp/Sulb (IV)							
Piperacillin/tazobactam (IV)							Dose 4.5g IV q6h for normal renal function (CrCl > 40 mL/min)
Aztreonam (IV)							Use in combo with levofloxacin for severe PCN allergies (i.e. anaphylaxis)
Meropenem (IV)							Crosses BBB; use for empiric CNS coverage; lowers seizure threshold
1 st Gen Ceph: Cefazolin (IV), Cephalexin (PO)							
2 nd Gen Ceph: Cefoxitin (IV)							
3 rd Gen Ceph: Ceftriaxone (IV), Ceftazidime (IV)							
4 th Gen Ceph: Cefepime (IV)							Crosses BBB; use for empiric CNS coverage; lowers seizure threshold
5 th Gen Ceph: Ceftaroline (IV)							Only cephalosporin with MRSA coverage; requires ID approval
Aminoglycosides (IV): Gentamicin, Tobramycin, Amikacin							Do not use as monotherapy for P. aeruginosa; can be used in synergy for g(+) bacteria; requires pharmacy consult for dosing
Vancomycin (IV)							DOC: HA MRSA infections; pharmacy consult for dosing
Linezolid (IV, PO)							Covers VRE; caution blood dyscrasias with prolonged use
Daptomycin (IV)							Covers VRE; DO NOT USE FOR PNEUMONIA
Clindamycin (IV, PO)					G(+)		
TMP/SMX (IV, PO)							DOC: stentrophomonas (12-15 mg/kg TMP); IV mixed in D5W
Levofloxacin (IV, PO)							*ID approval
Metronidazole (IV, PO)							Do NOT use as monotherapy for C.diff
Doxycycline (IV, PO)							
Azithromycin (IV, PO)							Prolongs QTc

Key	
Covers	
Does not Cover	
DOC	Drug of Choice
HA	Hospital Acquired