

EMPIRIC ANTIBIOTIC REGIMEN FOR SEVERE SEPSIS AND SEPTIC SHOCK PATIENTS

INFECTIOUS ETIOLOGY	ORGANISM	FIRST GROUP	ALTERNATE (B-Lactam allergy)
Genitourinary	Enterobacteriaceae Enterococcus	Ampicillin plus Gentamicin	Vancomycin plus aztreonam
Community Acquired Pneumonia	S. pneumoniae, H.influenza, Chlamydia, Mycoplasma, Legionella	Ceftriaxone plus Levofloxacin OR azithromycin	Levofloxacin
	High Risk Pseudomonas	Zosyn plus levofloxacin	Aztreonam plus levofloxacin
	Staphylococcus	Vancomycin	Linezolid
Nosocomial Pneumonia (HAP, VAP, HCAP)	Pseudomonas, Staphylococcus aureus, enterobacteriaceae, hemophilus, strep pn, acinetobacter, legionella	Cefepime OR Zosyn OR Imipenem plus Levofloxacin, plus Vancomycin OR Linezolid (for MRSA)	Aztreonam plus Levofloxacin plus Vancomycin OR Linezolid
Intra-abdominal Abscess/Peritonitis	E. coli, P. aeruginosa, enterobacteriaceae	Imipenem OR Zosyn	Levofloxacin plus flagyl
SBP/ Peritonitis (ESLD)	Enterobacteriaceae, streptococcus, anaerobes	Zosyn	Levofloxacin plus vancomycin
Acute pancreatitis	E. coli, enterobacter, klebsiella, B. fragilis, bacteroides	Imipenem	Levofloxacin plus flagyl
Meningitis	Streptococcus, neisseria, listeria	Ceftriaxone plus vancomycin plus ampicillin	Aztreonam plus vancomycin
Endocarditis	Streptococcus, Staphylococcus aureus	Ceftriaxone plus vancomycin	Aztreonam plus vancomycin
No obvious source	Gram negative, Gram positive, Anaerobes	Imipenem plus Vancomycin OR Linezolid	Vancomycin plus flagyl plus aztreonam
Soft tissue/ Post-surgical wounds	Staphylococcus, Streptococcus	Zosyn plus Vancomycin OR Linezolid	Aztreonam plus vancomycin plus clindamycin
Febrile Neutropenia / Immunocompromised	Staphylococcus, VRE, Gram negatives, Candida	Imipenem plus Vancomycin OR Linezolid	Aztreonam plus vancomycin plus flagyl
HIV Associated infections	Gram positive, Gram Negative, PCP, MAC pseudomonas	Bactrim, cefepime, azithromycin	Bactrim , aztreonam, azithromycin