

# Severe Sepsis Treatment Algorithm/Orderset

Source	Treatment
Lung – CA	Ceftriaxone 2g IV + Azithromycin 500 mg IV + Vancomycin 1g IV
Lung - HA	Cefepime 2g IV + Amikacin 10-15 mg/kg IV + Vancomycin 1g IV
GI - CA	Ceftriaxone 2g IV + Metronidazole 500 mg IV
GI - HA	Piperacillin/tazobactam 4.5g IV + Vanco 1g IV
Urine - CA	Ceftriaxone 2g IV ± Ampicillin 2g IV + Amikacin 10-15 mg/kg
Urine - HA	Cefepime 2g IV + Amikacin 10-15 mg/kg IV ± Ampicillin 2g IV
SSTI - CA	Vancomycin 1g IV + Clindamycin 600 mg IV ± Ceftriaxone 2g IV
SSTI - HA	Piperacillin/tazobactam 4.5g IV + Amikacin 10-15 mg/kg IV + Vanco 1g IV
Unknown - CA	Ceftriaxone 2g IV + Gentamicin 3-5 mg/kg IV + Vancomycin 1g IV
Unknown - HA	Cefepime 2g IV + Amikacin 10-15 mg/kg IV + Vancomycin 1g IV ± Fluconazole 400 mg IV
Severely immunocompromised (febrile neutropenia, BMT, SOT)	Meropenem 1g IV + Amikacin 10-15 mg/kg IV + Vancomycin 1g IV
Beta-lactam allergy	Replace cephalosporin with Aztreonam 2g IV