

# Sepsis Antibiotics

## Goals of Therapy:

- ♦ Obtain appropriate cultures
- ♦ Determine appropriate coverage and dosing
- ♦ Administer within less than 1 hour of patient identification

## Community Acquired Pneumonia

Host	Antibiotic
Normal	<b>azithromycin and ceftriaxone</b> <i>moxifloxacin alone if allergic to beta lactams</i>
Immunocompromised	<b>azithromycin and ceftriaxone</b> <i>moxifloxacin alone if allergic to beta lactams</i>
Institutionalized/ Recently Hospitalized	<b>vancomycin and EITHER piperacillin/tazobactam or ceftazidime</b>
Febrile Neutropenic	<b>vancomycin and azithromycin and meropenem</b>

## Meningitis

Everyone: dexamethasone 0.4mg/kg (IBW if > 100kg) IV every 12 hours after first dose of antibiotic	
Normal	<b>ceftriaxone and vancomycin</b> <i>add ampicillin if &gt; 50 years old</i> <i>meropenem * &amp; vancomycin if allergic to beta lactams</i>
Immunocompromised/ Recent Neurosurgery	<b>ampicillin and vancomycin and meropenem *</b>
Institutionalized/ Recently Hospitalized	<b>ampicillin and vancomycin and ceftriaxone</b>
	<i>meropenem * &amp; vancomycin if allergic to beta lactams</i>
Febrile Neutropenic	<b>ampicillin and vancomycin and ceftriaxone</b>
	<i>meropenem * &amp; vancomycin if allergic to beta lactams</i>

## Skin and Skin Structures

Host	Toxic Shock Syndrome (IVIG* 1g/kg with first dose of antibiotics)	Necrotizing Fasciitis
All: Normal, Immunocompromised, Institutionalized/Recently Hospitalized, & Febrile Neutropenic	<b>vancomycin and clindamycin</b>	<b>meropenem*</b>

## Abdominal Infection

Normal	<b>piperacillin/tazobactam</b> <i>metronidazole &amp; aztreonam if allergic to beta lactams</i>
Immunocompromised	<b>piperacillin/tazobactam</b> <i>meropenem* alone if allergic to beta lactams</i>
Institutionalized/ Recently Hospitalized	<b>piperacillin/tazobactam</b> <i>meropenem* alone if allergic to beta lactams</i>
Febrile Neutropenic	<b>meropenem and vancomycin</b>

## Urosepsis

Normal	<b>ceftazidime OR ciprofloxacin</b>
Immunocompromised	<b>ceftazidime OR ciprofloxacin</b>
Institutionalized/ Recently Hospitalized/ Catheterized/ Instrumented	<b>piperacillin/tazobactam</b>
	<i>ciprofloxacin &amp; vancomycin if allergic to beta lactams</i>
Febrile Neutropenic	<b>meropenem and vancomycin</b>

**\* requires approval by Infectious Disease attending**