

**Table SDC 6.** Discordant regimens by pathogen for the overall empiric cohort and the first empiric regimens. If the number of patients receiving the discordant regimen was more than 1, the number is in brackets. Some patients receiving discordant first empiric regimens had antimicrobials changed after the first day post blood culture to a concordant regimen thus why there are fewer discordant regimens in the overall cohort.

Pathogen	Overall Cohort	First Empiric Regimen
<i>Acinetobacter baumannii</i>	<ul style="list-style-type: none"> <li>Cefepime &amp; Metronidazole</li> <li>Cefoperazone/Sulbactam &amp; Colistin &amp; Vancomycin</li> <li>Cefotaxime &amp; Cloxacillin</li> <li>Piperacillin/Tazobactam (3)</li> <li>Piperacillin/Tazobactam &amp; Teicoplanin</li> </ul>	<ul style="list-style-type: none"> <li>Cefazolin</li> <li>Cefepime &amp; Metronidazole</li> <li>Cefoperazone/Sulbactam &amp; Colistin &amp; Vancomycin</li> <li>Cefotaxime &amp; Cloxacillin</li> <li>Piperacillin/Tazobactam (3)</li> <li>Piperacillin/Tazobactam &amp; Teicoplanin</li> </ul>
<i>Burkholderia cepacia</i>	<ul style="list-style-type: none"> <li>Amikacin &amp; Piperacillin/Tazobactam &amp; Teicoplanin</li> <li>Ceftazidime</li> </ul>	<ul style="list-style-type: none"> <li>Amikacin &amp; Piperacillin/Tazobactam &amp; Teicoplanin</li> <li>Ceftazidime</li> </ul>
<i>Enterobacter spp.</i>	<ul style="list-style-type: none"> <li>Amoxicillin/Clavulanic &amp; acid</li> <li>Cefepime &amp; Vancomycin</li> <li>Vancomycin (3)</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics (4)</li> <li>Amoxicillin/Clavulanic &amp; acid</li> <li>Cefepime &amp; Vancomycin</li> <li>Piperacillin/Tazobactam</li> <li>Vancomycin (3)</li> </ul>
<i>Enterococcus faecalis</i>	<ul style="list-style-type: none"> <li>Amikacin</li> <li>Clindamycin</li> <li>Flucloxacillin &amp; Gentamicin</li> <li>Meropenem &amp; Vancomycin</li> <li>Netilmicin &amp; Benzylpenicillin</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics (2)</li> <li>Amikacin</li> <li>Clindamycin</li> <li>Flucloxacillin &amp; Gentamicin</li> <li>Meropenem &amp; Vancomycin</li> <li>Netilmicin &amp; Benzylpenicillin</li> </ul>
<i>Enterococcus faecium</i>	<ul style="list-style-type: none"> <li>Cefazolin</li> <li>Cefuroxime &amp; Metronidazole</li> <li>Ciprofloxacin</li> <li>Gentamicin</li> <li>Meropenem (2)</li> <li>Meropenem &amp; Vancomycin</li> </ul>	<ul style="list-style-type: none"> <li>Cefazolin</li> <li>Cefuroxime &amp; Metronidazole</li> <li>Ciprofloxacin</li> <li>Gentamicin</li> <li>Meropenem (2)</li> <li>Meropenem &amp; Vancomycin</li> </ul>
<i>Enterococcus spp.</i>	<ul style="list-style-type: none"> <li>Amikacin</li> <li>Cefepime &amp; Metronidazole &amp; Vancomycin</li> <li>Piperacillin/Tazobactam</li> </ul>	<ul style="list-style-type: none"> <li>Amikacin</li> <li>Cefepime &amp; Metronidazole</li> <li>Piperacillin/Tazobactam</li> </ul>
<i>Escherichia coli</i>	<ul style="list-style-type: none"> <li>Ampicillin &amp; Cefotaxime</li> <li>Ampicillin &amp; Gentamicin (2)</li> <li>Cefazolin &amp; Gentamicin</li> <li>Ceftazidime</li> <li>Levofloxacin &amp; Piperacillin/Tazobactam</li> <li>Piperacillin/Tazobactam &amp; Vancomycin</li> <li>Vancomycin</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics</li> <li>Ampicillin &amp; Cefotaxime</li> <li>Ampicillin &amp; Gentamicin (2)</li> <li>Cefazolin &amp; Gentamicin</li> <li>Cefepime &amp; Gentamicin &amp; Vancomycin</li> <li>Ceftazidime</li> <li>Levofloxacin &amp; Piperacillin/Tazobactam</li> <li>Piperacillin/Tazobactam</li> <li>Piperacillin/Tazobactam &amp; Vancomycin</li> <li>Vancomycin</li> </ul>

Pathogen	Overall Cohort	First Empiric Regimen
<i>Haemophilus influenzae</i>	<ul style="list-style-type: none"> <li>Clindamycin</li> </ul>	<ul style="list-style-type: none"> <li>Clindamycin</li> </ul>
<i>Klebsiella</i> spp.	<ul style="list-style-type: none"> <li>Ampicillin &amp; Gentamicin</li> <li>Levofloxacin &amp; Piperacillin/Tazobactam</li> <li>Linezolid &amp; Trimethoprim/Sulphamethoxazole</li> <li>Meropenem (2)</li> <li>Metronidazole &amp; Vancomycin</li> <li>Netilmicin &amp; Vancomycin</li> <li>Piperacillin/Tazobactam</li> <li>Piperacillin/Tazobactam &amp; Vancomycin</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics (7)</li> <li>Gentamicin</li> <li>Levofloxacin &amp; Piperacillin/Tazobactam</li> <li>Linezolid &amp; Trimethoprim/Sulphamethoxazole</li> <li>Meropenem (2)</li> <li>Metronidazole &amp; Vancomycin</li> <li>Piperacillin/Tazobactam (2)</li> <li>Piperacillin/Tazobactam &amp; Vancomycin</li> <li>Vancomycin</li> </ul>
<i>Proteus</i> spp.		<ul style="list-style-type: none"> <li>No antibiotics</li> </ul>
<i>Pseudomonas aeruginosa</i>	<ul style="list-style-type: none"> <li>Meropenem</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics</li> <li>Meropenem</li> </ul>
<i>Salmonella</i> spp. (NTS & Typhi)	<ul style="list-style-type: none"> <li>Ampicillin</li> <li>Cefazolin &amp; Gentamicin</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics (8)</li> <li>Ampicillin</li> <li>Cefazolin &amp; Gentamicin</li> </ul>
<i>Serratia</i> spp.	<ul style="list-style-type: none"> <li>Cefuroxime</li> <li>Piperacillin/Tazobactam</li> <li>Vancomycin (2)</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics</li> <li>Ampicillin/Sulbactam</li> <li>Cefuroxime</li> <li>Piperacillin/Tazobactam</li> <li>Vancomycin (2)</li> </ul>
<i>Staphylococcus aureus</i>	<ul style="list-style-type: none"> <li>Ampicillin</li> <li>Ampicillin &amp; Cefotaxime</li> <li>Ampicillin &amp; Vancomycin</li> <li>Cefazolin</li> <li>Ceftazidime &amp; Flucloxacillin</li> <li>Cefuroxime</li> <li>Gentamicin &amp; Vancomycin</li> <li>Metronidazole</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics (6)</li> <li>Ampicillin</li> <li>Ampicillin &amp; Cefotaxime</li> <li>Ampicillin &amp; Vancomycin</li> <li>Cefazolin</li> <li>Cefepime &amp; Ceftriaxone</li> <li>Ceftazidime &amp; Flucloxacillin</li> <li>Cefuroxime</li> <li>Gentamicin &amp; Vancomycin</li> <li>Metronidazole</li> </ul>
<i>Streptococcus agalactiae</i>	<ul style="list-style-type: none"> <li>Amikacin &amp; Ciprofloxacin</li> <li>Ampicillin &amp; Cefepime &amp; Gentamicin</li> <li>Ampicillin &amp; Gentamicin</li> </ul>	<ul style="list-style-type: none"> <li>Amikacin &amp; Ciprofloxacin</li> <li>Ampicillin &amp; Cefepime &amp; Gentamicin</li> <li>Ampicillin &amp; Gentamicin</li> </ul>
<i>Streptococcus pneumoniae</i>	<ul style="list-style-type: none"> <li>Cefixime &amp; Flucloxacillin</li> <li>Ceftriaxone</li> <li>Gentamicin</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics (2)</li> <li>Cefixime &amp; Flucloxacillin</li> <li>Ceftriaxone</li> <li>Gentamicin</li> </ul>
<i>Streptococcus pyogenes</i>	<ul style="list-style-type: none"> <li>Amikacin &amp; Ciprofloxacin</li> </ul>	<ul style="list-style-type: none"> <li>No antibiotics</li> <li>Amikacin &amp; Ciprofloxacin (2)</li> <li>Metronidazole</li> </ul>