

## Pneumonia: Antibiotic Consensus Recommendations

| Non-ICU Patients   | For Non- ICU, Pseudomonal Risk Patients ONLY   |   |
|--|--|---|
| <p style="text-align: center;"><b><u>β-lactam (IV or IM)</u></b><br/>[Ampicillin/Sulbactam, Ceftriaxone, Ertapenem*]<br/><b>AND</b><br/><b><u>Macrolide (IV or PO)</u></b><br/>[Azithromycin, Clarithromycin, Erythromycin]<br/>OR</p> <hr/> <p style="text-align: center;"><b><u>Antipneumococcal Quinolone monotherapy (IV or PO)</u></b><br/>[Moxifloxacin]<br/>OR</p> <hr/> <p style="text-align: center;"><b><u>β-lactam (IV or IM)</u></b><br/>[Ampicillin/Sulbactam, Ceftriaxone, Ertapenem*]<br/><b>AND</b><br/><b><u>Doxycycline (IV or PO)</u></b><br/><br/>OR<br/><b>Tigecycline monotherapy (IV)*</b><br/><br/>OR</p> <hr/> <p style="text-align: center;">If less than 65 with no <i>Risk Factors for Drug-Resistant Pneumococcus</i>:</p> <p style="text-align: center;"><b><u>Macrolide monotherapy (IV or PO)</u></b><br/>[Azithromycin, Clarithromycin, Erythromycin]</p> | <p style="text-align: center;">These antibiotics are acceptable for Non-ICU patients with Pseudomonal Risk <b>ONLY</b>:</p> <p style="text-align: center;"><b><u>Antipneumococcal/Antipseudomonal β-lactam (IV)</u></b><br/>[Doripenem*, Imipenem/Cilastatin*, Piperacillin/Tazobactam*]<br/><b>AND</b><br/><b><u>Antipseudomonal Quinolone (IV or PO)</u></b><br/>[Ciprofloxacin]<br/>OR</p> <hr/> <p style="text-align: center;"><b><u>Antipneumococcal/Antipseudomonal β-lactam (IV)</u></b><br/>[Doripenem*, Imipenem/Cilastatin*, Piperacillin/Tazobactam*]<br/><b>AND</b><br/><b><u>Aminoglycoside (IV)</u></b><br/>[Amikacin, Gentamycin, Tobramycin]<br/><b>AND EITHER</b><br/><b><u>Antipneumococcal Quinolone (IV or PO)</u></b><br/>[Moxifloxacin]<br/>OR<br/><b><u>Macrolide (IV or PO)</u></b><br/>[Azithromycin, Clarithromycin, Erythromycin]</p> <hr/> <p style="text-align: center;">These antibiotics are <b>ONLY</b> acceptable for Non-ICU patients with <u>β-lactam allergy</u> and Pseudomonal Risk:</p> <p style="text-align: center;"><b><u>Aztreonam (IV or IM)</u></b><br/><b>AND</b><br/><b><u>Antipneumococcal Quinolone (IV or PO)</u></b><br/>[Moxifloxacin]<br/><b>AND</b><br/><b><u>Aminoglycoside (IV)</u></b><br/>[Amikacin, Gentamycin, Tobramycin]</p> |   |
| ICU Patients   |  |   |
| <p style="text-align: center;"><b><u>Macrolide (IV)</u></b><br/>[Azithromycin, Erythromycin]<br/><b>AND EITHER</b><br/><b><u>β-lactam (IV)</u></b><br/>[Ampicillin/Sulbactam, Ceftriaxone]<br/>OR<br/><b><u>Antipneumococcal/Antipseudomonal β-lactam (IV)</u></b><br/>[Doripenem*, Imipenem/Cilastatin*, Piperacillin/Tazobactam*]</p> <hr/> <p style="text-align: center;">Or<br/><b><u>Antipseudomonal Quinolone (IV)</u></b><br/>[Ciprofloxacin]<br/><b>AND EITHER</b><br/><b><u>β-lactam (IV)</u></b><br/>[Ampicillin/Sulbactam, Ceftriaxone]<br/>OR<br/><b><u>Antipneumococcal/Antipseudomonal β-lactam (IV)</u></b><br/>[Doripenem*, Imipenem/Cilastatin*, Piperacillin/Tazobactam*]</p>  | <p style="text-align: center;">Or<br/><b><u>Antipneumococcal Quinolone (IV)</u></b><br/>[Moxifloxacin]<br/><b>AND EITHER</b><br/><b><u>β-lactam (IV)</u></b><br/>[Ampicillin/Sulbactam, Ceftriaxone]<br/>Or<br/><b><u>Antipneumococcal/Antipseudomonal β-lactam (IV)</u></b><br/>[Doripenem*, Imipenem/Cilastatin*, Piperacillin/Tazobactam*]</p>  | <p style="text-align: center;">Or<br/><b><u>Antipneumococcal/Antipseudomonal β-lactam (IV)</u></b><br/>[Doripenem*, Imipenem/Cilastatin*, Piperacillin/Tazobactam*]<br/><b>AND</b><br/><b><u>Aminoglycoside (IV)</u></b><br/>[Amikacin, Gentamycin, Tobramycin]<br/><b>AND EITHER</b><br/><b><u>Antipneumococcal Quinolone (IV)</u></b><br/>[Moxifloxacin]<br/>Or<br/><b><u>Macrolide (IV)</u></b><br/>[Azithromycin, Erythromycin]</p> |

\*Infectious Disease approval necessary