

Inpatient Treatment of Adults Community-Acquired Pneumonia (CAP)

Treatment

Hospitalized Pneumonia Patient

- Assess for drug-resistance risk (e.g. [DRIP score](#))
- Draw two sets of blood cultures and order nasal MRSA PCR before giving antibiotics. If non-ICU, only draw cultures if risk of resistance.
- DO NOT wait for culture results before starting antibiotics

Non-ICU Antibiotics	ICU Antibiotics
Ceftriaxone (2g IV or IM) daily until stable THEN Amoxicillin/clavulanate (875 mg/125 mg) 2x/day (duration pg 2) PLUS EITHER Azithromycin (500 mg) daily for 3 days OR Doxycycline (100 mg PO) 2 times/day (duration pg 2)	Ceftriaxone (2g IV or IM) daily until stable THEN Amoxicillin/clavulanate (875 mg/125 mg) 2x/day (duration pg 2) PLUS Azithromycin (500 mg) daily for 3 days

If risk of resistance, consider vancomycin and azithromycin
PLUS EITHER cefepime or piperacillin-tazobactam

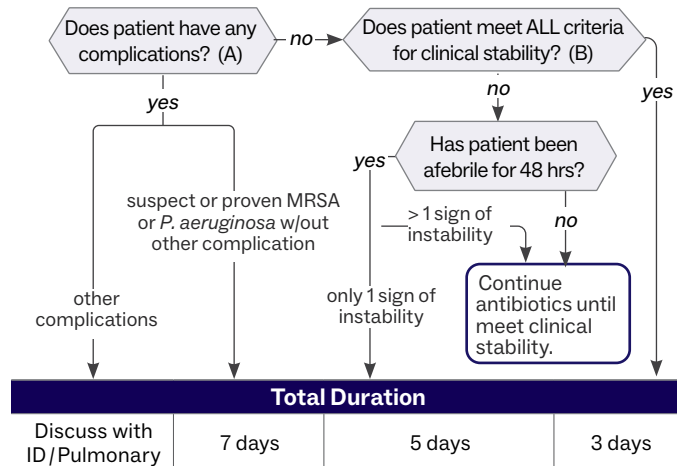
Consider corticosteroids for patients with CRP ≥ 15 mg/dL and severe hypoxia ($\geq 50\%$ O_2 required or positive pressure ventilation).

[Link to full
CAP guideline](#)

DRIP Scoring		Points
Major	<ul style="list-style-type: none"> Antibiotic use < 60 days Long-term care resident Tube feeding Drug-resistant pneumonia < 1 year 	2 pts each
Minor	<ul style="list-style-type: none"> Hospitalization < 60 days Chronic pulmonary disease Poor functional status Gastric acid suppression Wound care MRSA colonization < 1 year 	1 pt each

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Determining Total Duration of Antibiotics (Doxycycline, Amoxicillin)



Complications (A)	<ul style="list-style-type: none"> Cavitation of lung Parapneumonic effusion requiring thoracentesis Mycobacteria, PJP, nocardia, or fungi <i>Pseudomonas aeruginosa</i> 	<ul style="list-style-type: none"> Legionella Endocarditis Meningitis MRSA Bacteremia
Criteria for clinical stability (B)	<ul style="list-style-type: none"> SBP > 90 mm Hg Temp. > 36 °C and < 38 °C Arterial O_2 Saturation > 90% room air $\dot{O}_2 \geq 60$ mmHg 	<ul style="list-style-type: none"> HR < 100 bpm or baseline Respiratory rate < 24 bpm Mentation at baseline Ability for oral intake