



Antibiotics

Outpatient – total course of treatment 5 days

1st line: amoxicillin 45 mg/kg/dose PO BID
 2nd line: Augmentin 45 mg/kg/dose PO BID
 3rd line: cefdinir 7 mg/kg/dose PO BID

Inpatient – total course of treatment 7-10 days

1st line: ampicillin 50 mg/kg/dose IV Q6h
 2nd line: Unasyn 50 mg/kg/dose IV Q6h
 3rd line: ceftriaxone 50 mg/kg/dose IV Q24h

If not fully immunized, suspicion for *H influenzae*, or complicated pneumonia (pleural effusion, multilobar involvement, concern for bacteremia, etc.): Ceftriaxone until improving.

For *H influenzae* type A: At least one dose of ceftriaxone or four days of rifampin is necessary for decolonization. Remainder of course may be completed with a penicillin, if sensitive.

For PCN allergy: If reaction was non-anaphylactic, may trial amoxicillin with monitoring. If reaction was anaphylaxis, treat with a cephalosporin. If any questions, please obtain a pediatrics consult.

Azithromycin: Do not prescribe azithromycin unless there is evidence of an atypical pathogen and child is >5 years. Must be prescribed in addition to primary treatment above.

RUL infiltrate: Consider starting with Augmentin/Unasyn to cover for oral anaerobes. Consider thickener.

For Chronic Cough: See [Bronchiectasis/Chronic Cough guideline](#).

Follow-up for All Patients

- Within 48-72 hours.
- Do not repeat CXR unless recurrent infiltrate in same lobe; in that case, repeat CXR in 4-6 weeks.

REMEMBER:

- If patient is <90 days and febrile, please see [fever guidelines](#).
- Pneumonia is a clinical diagnosis and does not require X-ray findings.
- Place PPD if older than 6 months and no PPD in past 6 months.
- Any child <5 years with suspected pneumonia should be evaluated in Bethel or an SRC.

This guideline is designed for the general use of most patients but may need to be adapted to meet the special needs of a specific patient as determined by the medical practitioner.

Approved by Clinical Guideline Committee 3/11/24.
 Click [here](#) to see the supplemental resources for this guideline.
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