

## Amoxicillin Suspension Shortage

Adapted from <https://www.chop.edu/clinical-pathway/amoxicillin-suspension-shortage>

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There is a shortage of amoxicillin suspension. Amoxicillin capsules may be used as an alternative if the dose can be rounded to 250 mg increments. Capsules can be opened and mixed with desired liquid for feeding tube or oral administration. Though broader spectrum, amoxicillin/clavulanate (Augmentin®) suspension is another potential alternative.

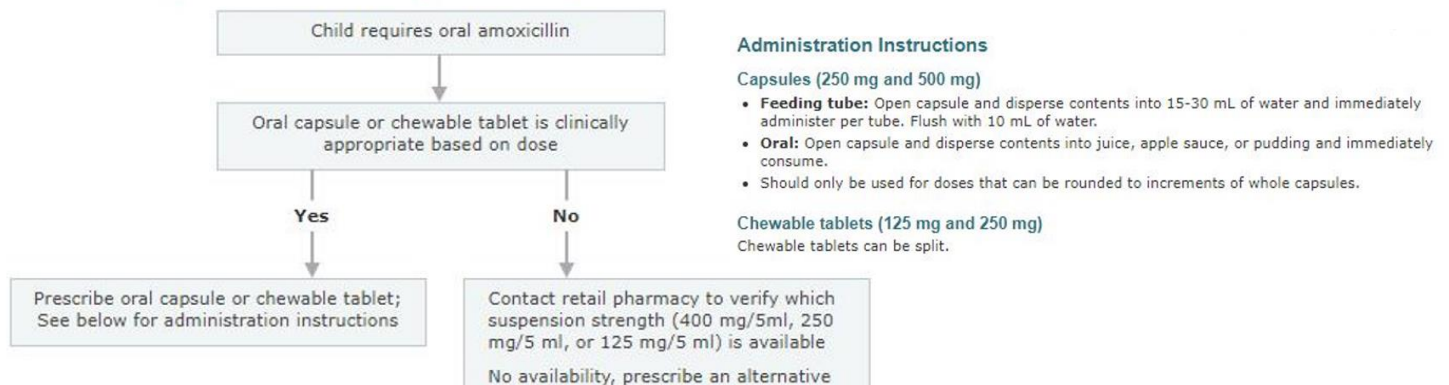
### Available Amoxicillin Products

- amoxicillin (AMOXIL) 250 or 500 mg capsules. Chewable tablets are currently unavailable.
- amoxicillin-clavulanate (AUGMENTIN ES) 600-42.9/5 mL suspension
- amoxicillin-clavulanate (AUGMENTIN) 400-57 mg/5 mL suspension
- amoxicillin-clavulanate (AUGMENTIN) 250-62.5 mg/5 mL suspension

### Dose Rounding

- It is generally acceptable to round doses by ~10%. Low dose regimens (20 – 50 mg/kg/day) will still be within a safe dose range if rounded >10%. Limit rounding up high dose regimens (>80 mg/kg/day)

### Antibiotic Recommendations For Outpatients During Amoxicillin 400 mg/5 mL Suspension Shortage



Condition	Alternative Regimens
Otitis Media	Amoxicillin-clavulanate ES
Community Acquired Pneumonia	Infants <3 months: 30 mg/kg/day of amoxicillin component in 2 divided doses
Acute Bacterial Sinusitis	Infants ≥3 months, children, and adolescents: 90 mg/kg/day of amoxicillin component in 2 divided doses. Max 2000 mg/dose; 4000 mg/day.
Dental Abscess or Tooth Avulsion	Infants ≥3 months, children, and adolescents: Amoxicillin-clavulanate 45 mg/kg/day of amoxicillin component in 2 divided doses. Max 875 mg/dose.
Group A Strep Pharyngitis	Cephalexin 40 mg/kg/day divided every 12 hours. Max 500 mg/dose.
UTI Prophylaxis	1 <sup>st</sup> choice: infants >4 weeks: Trimethoprim-sulfamethoxazole 2 – 3 mg trimethoprim (TMP)/kg/dose every 24 hours. Max 160 mg/day  2 <sup>nd</sup> choice: infants >4 weeks: nitrofurantoin 1 – 2 mg/kg/dose every 24 hours. Max 100 mg/day.  Infants ≤4 weeks: attempt to secure amoxicillin suspension. If not available, consult URM or AHP pharmacy