

# ACUTE OTITIS MEDIA TREATMENTS: NEWBORN–12 YEARS

Generic	Brand	Form	Strength	Flavor	Dose
amoxicillin*	<b>Amoxil</b>	drops	50mg/mL	bubble gum	≤ <b>12wks</b> : Max 30mg/kg/day in 2 divided doses every 12hrs
		susp	200mg/5mL, 250mg/5mL, 400mg/5mL	bubble gum	> <b>12wks (&lt;40kg)</b> : 40mg/kg/day in 3 divided doses every 8hrs
		chew tabs	200mg, 400mg	cherry-banana-peppermint	<b>Or</b> 45mg/kg/day in 2 divided doses every 12hrs ≥ <b>40kg</b> : as adult <b>Note</b> : The AAP recommends 80–90mg/kg/day in divided doses (this is not an FDA-approved dose)
amoxicillin + clavulanate (clavulanate component in parentheses)	<b>Augmentin<sup>3</sup></b>	susp	125mg (31.25mg)/5mL <sup>1</sup> 250mg (62.5mg)/5mL <sup>1</sup> 200mg (28.5mg)/5mL <sup>2</sup> , 400mg (57mg)/5mL <sup>2</sup>	banana orange orange-raspberry	< <b>12wks</b> : 30mg/kg/day (of amoxicillin) in 2 divided doses every 12hrs (use 125mg/5mL susp) ≥ <b>12wks (&lt;40kg)</b> : 45mg/kg/day (of amoxicillin) in 2 divided doses every 12hrs (use 200 or 400mg/5mL susp <b>or</b> 200mg or 400mg chew tabs) <b>Or</b> 40mg/kg/day (of amoxicillin) in 3 divided doses every 8hrs (use 125 or 250mg/5mL susp, <b>or</b> 250mg or 500mg chew tabs)
		chew tabs	125mg (31.25mg) <sup>1</sup> , 250mg (62.5mg) <sup>1</sup> , 200mg (28.5mg) <sup>2</sup> , 400mg (57mg) <sup>2</sup>	lemon-lime  cherry-banana	≥ <b>40kg</b> : 500mg every 12hrs <b>or</b> 250mg every 8hrs
		ES-600 susp	600mg (42.9mg)/5mL	strawberry cream	< <b>3mos</b> : <b>Not recommended.</b> ≥ <b>3mos (&lt;40kg)</b> : 90mg/kg/day in 2 divided doses every 12hrs ≥ <b>40kg</b> : use adult formulations
azithromycin	<b>Zithromax</b>	susp	100mg/5mL, 200mg/5mL	cherry-vanilla-banana	< <b>6mos</b> : <b>Not established.</b> ≥ <b>6mos</b> : 30mg/kg as a single dose (max 1.5g); <b>or</b> 10mg/kg (max 500mg) once daily for 3 days; <b>or</b> 10mg/kg (max 500mg) once then 5mg/kg (max 250mg) per day for 4 days
cefaclor	—	susp	125mg/5mL, 187mg/5mL, 250mg/5mL, 375mg/5mL	strawberry	< <b>1mo</b> : <b>Not recommended.</b> ≥ <b>1mo</b> : 40mg/kg/day in 2 divided doses every 12hrs, <b>or</b> in 3 divided doses every 8hrs; max 1g/day
cefdinir	—	susp	125mg/5mL, 250mg/5mL	strawberry	< <b>6mos</b> : <b>Not recommended.</b> ≥ <b>6mos</b> : 14mg/kg every 24hrs for 10 days <b>or</b> 7mg/kg every 12hrs for 5–10 days; max 600mg/day
cefixime	<b>Suprax</b>	susp	100mg/5mL, 200mg/5mL	strawberry	< <b>6mos</b> : <b>Not recommended.</b> <b>6mos–12yrs (&lt;50kg)</b> : 8mg/kg once daily <b>or</b> 4mg/kg every 12hrs ≥ <b>12yrs (&gt;50kg)</b> : 400mg once daily
cefpodoxime	—	susp	50mg/5mL, 100mg/5mL	lemon-creme	< <b>2mos</b> : <b>Not recommended.</b> ≥ <b>2mos</b> : 5mg/kg (max 200mg) every 12hrs for 5 days
cefprozil	—	susp	125mg/5mL, 250mg/5mL	bubble-gum	< <b>6mos</b> : <b>Not recommended.</b> ≥ <b>6mos</b> : 30mg/kg/day in 2 divided doses every 12hrs
ceftriaxone	—	inj	500mg/vial, 1g/vial	N/A	50mg/kg IM once; max 1g
cefuroxime	—	tabs	250mg, 500mg	N/A	<13yrs (able to swallow tab whole): 250mg twice daily for 10 days
cephalexin	<b>Keflex</b>	caps	250mg, 500mg, 750mg	N/A	75–100mg/kg/day in 4 divided doses
ciprofloxacin	<b>Otiprio<sup>4</sup></b>	otic susp	6%	N/A	< <b>6mos</b> : Not established. ≥ <b>6mos</b> : one 0.1mL (6mg) single dose into each affected ear, after effusion suctioning
clarithromycin	<b>Biaxin</b>	susp	125mg/5mL, 250mg/5mL	fruit-punch	< <b>6mos</b> : <b>Not established.</b> ≥ <b>6mos</b> : 7.5mg/kg every 12hrs for 10 days
sulfamethoxazole (SMX) + trimethoprim (TMP)	—	susp	200mg (SMX) + 40mg (TMP)/5mL	cherry, grape	< <b>2mos</b> : <b>Not recommended.</b> ≥ <b>2mos</b> : 8mg/kg of TMP (40mg/kg of SMX) per day in 2 divided doses every 12hrs for 10 days
trimethoprim	<b>Primisol</b>	soln	50mg/5mL	bubble gum	≥ <b>6mos</b> : 10mg/kg daily in 2 divided doses every 12hrs

## NOTES

**Key:** drops = oral drops. susp = oral suspension (as supplied or after reconstitution).

\* Indicates the drug is available under other brand names not shown here.

<sup>1</sup> These formulations are intended to be used in three-times-daily (TID) regimens. Do not substitute plain tabs for chewable tabs.

<sup>2</sup> These formulations are intended to be used in twice-daily regimens. Do not substitute plain tabs for chewable tabs.

<sup>3</sup> These products should be taken with food.

<sup>4</sup> For intratympanic administration only, in patients with effusion undergoing tympanostomy tube placement.

Not an inclusive list of medications, dosing regimens, formulations, and/or official indications. Please see drug monograph at [www.eMPR.com](http://www.eMPR.com) and/or contact company for full drug labeling. Information on prophylaxis of chronic otitis media infections is not included. Under certain clinical conditions (eg, impaired renal or hepatic function), the dose may need to be adjusted. Unless stated otherwise, otitis media is generally treated for 10–14 days.

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