

This dosage guide is mainly intended for primary care health professionals. It is provided for information purposes only and should not replace the clinician's judgement. The recommendations were developed using a systematic approach and are supported by the scientific literature and the knowledge and experience of Quebec clinicians and experts. For more details, refer to the [optimal usage guides](#).

ANTIBIOTIC (GENERIC NAME)	DAILY DOSE ¹ (ORAL)	DOSING INTERVAL	PREPARATIONS	APPROXIMATE PRICE RAMQ ² (10 DAYS)	
				Child (10 kg)	Child (20 kg)
Amoxicillin	50 mg/kg/day (max. 1 000 mg/day)	Every 12 to 24 hours (PT)		\$5.40 (250 mg / 5 mL)	\$10.80 (250 mg / 5 mL)
	80 to 90 mg/kg/day (high dosage) (max. 3 000 - 4 000 mg/day)	Every 8 hours (CAP)	Susp. 125 and 250 mg / 5 mL Chew. tab. 125 and 250 mg	\$10.80 - \$24.55 (250 mg / 5 mL or chew. tab.) (90 mg/kg/day)	\$21.60 - \$49.10 (250 mg / 5 mL or chew. tab.) (90 mg/kg/day)
		Every 12 hours (AOM, ARS)			
Amoxicillin-clavulanate	45 to 60 mg/kg/day of the amoxicillin component (max. 1 500 mg/day)	Every 8 hours (CE)	4:1 formulations ³ Susp. 125 mg - 31.25 mg / 5 mL and 250 mg - 62.5 mg / 5 mL Tab. 500 mg - 125 mg	\$10.34 (125 mg - 31.25 mg / 5 mL) (45 mg/kg/day)	\$13.35 - \$37.44 (Tab. 500 mg - 125 mg or 250 mg - 62.5 mg / 5 mL) (45 mg/kg/day)
	Every 12 hours (AOM, ARS)				
	45 mg/kg/day of amoxicillin (max. 1 500 mg/day) with 45 mg/kg/day amoxicillin-clavulanate ⁴ (max. 1 500 mg/day)	Every 8 hours (CAP)	<i>Amoxicillin</i> Susp. 250 mg/5 mL with <i>Amoxicillin-clavulanate</i> (7:1 formulations ³) Susp. 200 mg - 28.5 mg / 5 mL and 400 mg - 57 mg / 5 mL	\$19.18 (250 mg / 5 mL + 400 mg - 57 mg / 5 mL)	\$38.37 (250 mg / 5 mL + 400 mg - 57 mg / 5 mL)
		Every 12 hours (AOM, ARS)			

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Azithromycin	10 mg/kg/day day 1 then 5 mg/kg/day days 2 to 5 (max. 500 mg on day 1 then 250 mg/day on days 2 to 5)	Every 24 hours (AOM, CAP)	Susp. 100 and 200 mg / 5 mL Tab. 250 mg	\$5.59 (100 mg / 5 mL) 5 days	\$7.92 (200 mg / 5 mL) 5 days
	12 mg/kg/day (max. 500 mg/day)	Every 24 hours (PT)		\$7.92 - \$11.18 (100 mg / 5 mL or 200 mg / 5 mL) 5 days	\$15.84 (200 mg / 5 mL) 5 days
Céfadroxil	30 mg/kg/day (max. 2 000 mg/day)	Every 12 hours (CE)	Caps. 500 mg	\$8.42 for 250 mg BID	
Cefprozil	30 mg/kg/day (max. 1 000 mg/day)	Every 12 hours (AOM, ARS, CAP)	Susp. 125 and 250 mg / 5 mL Tab. 250 and 500 mg	\$8.88 - \$8.89 (125 mg / 5 mL or 250 mg / 5 mL)	\$14.80 - \$17.78 (125 mg / 5 mL or 250 mg / 5 mL)
Cefuroxime axetil⁵	30 mg/kg/day (max. 1 000 mg/day)	Every 12 hours (AOM, ARS, CAP)	Susp. 125 mg / 5 mL Tab. 250 and 500 mg	\$23.14 (125 mg / 5 mL)	\$44.63 (125 mg / 5 mL)
Cephalexin	50 mg/kg/day⁷ (max. 1 000 mg/day)	Every 12 hours (PT)	Susp. 125 and 250 mg / 5 mL Tab. and caps. 250 and 500 mg	\$13.51 (250 mg / 5 mL) (50 mg/kg/day)	\$27.02 (250 mg / 5 mL) (50 mg/kg/day)
	50 to 100 mg/kg/day⁷ (max. 3 000-4 500 mg/day)	Every 8 hours (CE)			
Clarithromycin	15 mg/kg/day (max. 500 - 1 000 mg/day)	Every 12 hours (AOM, ARS, CAP, PT)	Susp. 125 and 250 mg / 5 mL Tab. 250 and 500 mg	\$21.49 (125 mg / 5 mL)	\$41.98 (250 mg / 5 mL)
Clindamycin⁵	40 mg/kg/day (max. 1 800 mg/day)	Every 8 hours (CE)	Susp. 75 mg / 5 mL Caps. 150 and 300 mg	\$6.65 - \$48.81 (Caps. 150 mg or 75 mg / 5 mL)	\$13.30 (Caps. 300 mg)
Cloxacillin⁶	50 to 100 mg/kg/day (max. 6 000 mg/day)	Every 6 hours (CE)	Susp. 125 mg / 5 mL Caps. 250 and 500 mg	\$3.70 - \$9.00 (Caps. 250 mg or 125 mg / 5 mL) (50 mg/kg/day)	\$7.40 (Caps. 250 mg) (50 mg/kg/day)
Doxycycline	2 to 4 mg/kg/day (max. 200 mg/day)	Every 12 hours (CE)	Tab. and caps. 100 mg	\$5.86 for 50 mg BID (not recommended for children under 8)	
Metronidazole	30 mg/kg/day (max. 1 500 mg/day)	Every 6 or 8 hours (CDADC)	Tab. 250 mg	\$1.19	\$2.38
Penicillin V	50 mg/kg/day (max. 1 200 mg/day)	Every 12 hours (PT)	Susp. 125 mg / 5 mL Tab. 300 mg	\$10.70 (125 mg / 5 mL)	\$7.49 (Tab. 300 mg)

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Trimethoprim-sulfamethoxazole	8 to 12 mg/kg/day of the trimethoprim component (max. 320 mg/day)	Every 12 hours (CE)	Susp. 40 mg - 200 mg / 5 mL Tab. 20 mg - 100 mg, 80 mg - 400 mg and 160 mg - 800 mg	\$3.64 - \$9.11 (Tab. 20 mg - 100 mg or 40 mg - 200 mg / 5 mL) (8 mg/kg/day)	\$0.96 - \$18.22 (Tab. 80 mg - 400 mg or 40 mg - 200 mg / 5 mL) (8 mg/kg/day)
Vancomycin	40 mg/kg/day⁸ (max. 500 mg/day)	Every 6 hours (CDADC)	Caps. 125 mg	\$207.20 (125 mg QID)	

- The daily dose must be divided up according to the recommended intervals.
- Lowest approximate price that appears in the RAMQ's List of Medications (August 2017), excluding dispensing fees and the wholesaler's profit margin. Certain conditions require treatment of longer or shorter duration than 10 days.
- The 7:1 formulations of amoxicillin-clavulanate (suspensions at 400/57 mg per 5 mL and 200/28.5 mg per 5 mL) are preferred due to their higher digestive tolerance. These formulations can be administered two or three times per day.
- The 14:1 commercial formulation of amoxicillin-clavulanate is not available in Canada. This formulation can be recreated by prescribing 45 mg/kg amoxicillin and 45 mg/kg amoxicillin-clavulanate, which helps reduce the incidence of side effects. However, the amounts of amoxicillin and amoxicillin-clavulanate to be given to the child may differ and would thus require good understanding from the parents.
- Cefuroxime axetil and clindamycin in suspension taste bad. Refer to product monographs or to a pharmacist to improve their taste.
- Cloxacillin as an oral suspension is not widely used due to its unpleasant taste and interaction with food.
- For children 28 days old or less, refer to the product monograph.
- For children less than a month old, refer to the product monograph.

AOM : acute otitis media; **ARS** : acute rhinosinusitis; **CAP** : community-acquired pneumonia; **CDADC** : *Clostridium difficile* –associated diarrhea and colitis; **CE** : cellulitis; **PT** : pharyngitis-tonsillitis.