

Appendix A - Medication Table for Acute Otitis Media (AOM)

Drug	Pediatric Dose	Approx. Daily Dose (based on 10kg child~1yr)	Approx. cost (\$) per 10 day course* (based on 10kg child ~1yr) S = Suspension T= Tab	PharmaCare Coverage
Over-the-Counter Analgesics/Antipyretics				
<i>Acetaminophen (G)</i>	10-15mg/kg/dose PO Q4H prn (max 75mg/kg/day)	100-150mg PO Q4Hprn	Prices and formulations vary	No Coverage (over-the- counter)
<i>Ibuprofen(G)</i>	5-10mg/kg/dose PO Q6-8H prn (max 40mg/kg/day)	50-100mg PO Q6-8H prn	Prices and formulations vary	No Coverage (over-the- counter)
Opioid Analgesics				
<i>Codeine (G)</i> Δ Not approved for use in children ≤ 2yrs	0.5-1.5mg/kg/dose PO Q4-6H prn (max 90mg/dose)	<i>Not applicable</i>	Prices and formulations vary	Regular Benefit (F/P)
Antibiotics				
<i>Amoxicillin (G)</i>	40mg/kg/day div tid	135 mg tid	\$6 (S 125mg/5ml OR 250mg/5ml)	Regular Benefit (F/P), LCA
	90mg/kg/day div tid	300 mg tid	\$14 (S 125mg/5ml OR 250mg/5ml)	
<i>Amoxicillin/ Clavulanate (G)</i>	45mg**/ kg/day div tid	150 mg tid	\$14 (S 125mg/31.25mg/5ml) \$12 (S 250mg/62.5mg/5ml OR 400mg/57mg/5ml)	Regular Benefit (F/P), LCA
<i>Azithromycin (G)</i>	10mg/kg/day 1 then 5mg/kg/day on days 2-5	100 mg on day 1, then 50 mg on days 2-5	\$12 (S 100mg/5ml) \$9 (S 200mg/5ml)	Regular Benefit (F/P), LCA
<i>Cefprozil (G)</i>	30mg/kg/day div bid	150 mg bid	\$20 (S 125mg/5ml OR 250mg/5ml)	No Coverage
<i>Cefuroxime Axetil (G)</i>	30mg/kg/day div bid	150 mg bid	\$22 (S 125mg/5ml) \$13 (T 250mg)	Regular Benefit (F/P)†
<i>Clarithromycin (G)</i>	15mg/kg/day div bid	75 mg bid	\$18 (S 125mg/5ml OR 250mg/5ml)	Regular Benefit (F/P)†
Trimethoprim (TMP)/ Sufamethoxazole (G)	6-12mg TMP/kg/day div bid	30-60 mg bid	\$2 – \$3 (S 200mg/40mg/5ml)	Regular Benefit (F/P), LCA

* Pricing as of January 2009, **based on amoxicillin component, † not a benefit for all PharmaCare plans

Δ For **moderate to severe pain not relieved by over the counter analgesics**. Prescription required.

Nb: Please review product monographs and regularly review current listings of Health Canada advisories, warnings and recalls at:
http://www.hc-sc.gc.ca/ahc-asc/media/advisories-avis/index_e.html

G: Indicates that generics are available. See <http://www.health.gov.bc.ca/pharme/> for further information.

Regular benefit drugs: Do not require Special Authority. Patients may receive full (F) or partial coverage (P), since some of these drugs are included in the Low Cost Alternative (LCA) program or Reference Drug Program (RDP).

LCA: When multiple medications contain the same active ingredient (usually generic products), patients receive full coverage for the drug with the lowest average PharmaCare claimed price. The remaining products are partial benefits.

RDP: When a number of products contain different active ingredients but are in the same therapeutic class, patients receive full coverage for the drug that is medically effective and the most cost-effective. This drug is designated as the Reference Drug. The remaining products are partial benefits.

Limited coverage drugs: Require Special Authority. These drugs are not normally regarded as first-line therapies or there are drugs for which a more cost-effective alternative exists.

In all cases: Coverage is subject to drug price limits set by PharmaCare and to the patient's PharmaCare plan rules and deductibles.

Resource Documents

Canadian Pharmacists Association. Compendium of Pharmaceuticals and Specialties. Ottawa: Canadian Pharmacists Association; 2008 Canadian Pharmacists Association. Drug Prices: obtained from PharmaNet, for prescription medications, as of January 2009. Codeine dosing information from BC's Children's Hospital Paediatric Drug Dosage Guidelines 2002-2003.

Notes: A. If a medication has a generic equivalent; the drug cost is for the generic product.

B. For prescription medications, the price does not include professional fees.