

Medication	Dosage Form	Adult Dose	Child Dose
<b>Inhaled Corticosteroids</b> (See Estimated Comparative Daily Dosages for Inhaled Corticosteroids.)			
<b>Systemic Corticosteroids</b> (Applies to all three corticosteroids.)			
<b>Methylprednisolone</b>	2, 4, 8, 16, 32 mg tablets	■ 7.5–60 mg daily in a single dose in a.m. or qod as needed for control	■ 0.25–2 mg/kg daily in a single dose in a.m. or qod as needed for control
<b>Prednisolone</b>	5 mg tablets, 5 mg/5 cc, 15 mg/5 cc	■ Short-course “burst” to achieve control: 40–60 mg per day as single or 2 divided doses for 3–10 days	■ Short-course “burst”: 1–2 mg/kg/day, maximum 60 mg/day for 3–10 days
<b>Prednisone</b>	1, 2.5, 5, 10, 20, 50 mg tablets; 5 mg/cc, 5 mg/5 cc		
<b>Cromolyn and Nedocromil</b>			
<b>Cromolyn</b>	MDI 0.8 mg/puff Nebulizer; 20 mg/ampule	2 puffs tid 1 ampule tid	1–2 puffs tid–qid 1 ampule tid
<b>Nedocromil</b>	MDI 1.75 mg/puff	2 puffs tid	1 puffs tid
<b>Inhaled Long-Acting Beta<sub>2</sub>-Agonists—LABA</b> (Should not be used for symptom relief or for exacerbations. Use with inhaled corticosteroids.)			
<b>Salmeterol</b>	DPI 50 mcg/blister	1 blister q 12 hours	1 blister q 12 hours
<b>Formoterol</b>	DPI 12 mcg/single-use capsule	1 capsule q 12 hours	1 capsule q 12 hours
<b>Combination Medication</b>			
<b>Fluticasone/ Salmeterol Combination DPI</b>	DPI 100, 250, or 500 mcg/50 mcg HFA MDI 45, 115, 230 mcg/21 mcg	1 inhalation bid; depends on severity of asthma 2 puffs twice daily; depend on severity	1 inhalation bid; depends on severity N/A
<b>Leukotriene Modifiers</b>			
<b>Montelukast</b>	4 or 5 mg chewable tablet 10 mg tablet	10 mg per day	5 mg qhs (6–14 yrs.) 10 mg qhs (> 14 years)
<b>Zafirlukast</b>	10 or 20 mg tablet	40 mg daily (20 mg tablet bid)	20 mg daily (7-11 yrs.)
<b>Zileuton</b>	600 mg tablet	2,400 mg daily (give tablets qid)	N/A
<b>Methylxanthines</b> (Serum monitoring is important [serum concentration of 5–15 mcg/mL at steady state]).			
<b>Theophylline</b>	Liquids, sustained-release tablets, and capsules	Starting dose 10 mg/kg/day up to 300 mg max; usual max 800 mg/day	Starting dose 10 mg/kg/day; usual max:16 mg/kg/day
<b>Immunomodulators</b>			
<b>Omalizumab</b> (Prior Auth Required)	Subcutaneous injection, 150 mg/1.2 mL following reconstitution with 1.4 mL sterile water for injection	150-375 mg 2-4 weeks depending on body weight and pretreatment serum IgE level	

### Estimate Comparative Daily Doses for Inhaled Corticosteroids

\*Children < 12 years of age

Drug	Low Daily Dose		Medium Daily Dose		High Daily Dose	
	Adult	Child *	Adult	Child *	Adult	Child *
<b>Beclomethasone HFA—QVAR®</b> 40 or 80 mcg/puff	80-240 mcg (1–6 puffs)	80-160 mcg (1–4 puffs)	240-640 mcg (3–12 puffs)	160-320 mcg (2–8 puffs)	>640 mcg (>6–12 puffs)	>320 mcg (>4–8 puffs)
<b>Budesonide DPI—Pulmicort®</b> 200 mcg/inhalation	180-600 mcg	200-400 mcg	600-1,200 mcg	400-800 mcg	>1,200 mcg	>800 mcg
Inhalation suspension for nebulization (child dose)	N/A	0.5 mg	N/A	1.0 mg	N/A	2.0 mg
<b>Flunisolide—AeroBid®</b> 250 mcg/puff	500-1000 mcg	500-750 mcg	1,000-2000 mcg	1,000-1,250 mcg	>2,000 mcg	>1,250 mcg
<b>Flunisolide</b> 80 HFA	88-264 mcg	160 mcg	>320-640 mcg	320 mcg	>640 mcg	≥640 mcg
<b>Fluticasone—Flovent®, Rotadisk®</b> MDI: 44, 110, or 220 mcg/puff DPI: 50, 100, Or 250 mcg/inhalation	88-264 mcg 100-300 mcg	88-176 mcg 100-200 mcg	264-440 mcg 300-500 mcg	176-352 mcg 200-400 mcg	>440 mcg >500 mcg	>352 mcg >400 mcg
<b>Triamcinolone acetonide—Azmacort®</b> 100 mcg/puff	400-1,000 mcg	400-800 mcg	1,000-2,000 mcg	800-1,200 mcg	>2,000 mcg	>1,200 mcg
<b>Mometasone**</b> 200 mcg/inhalation	**Patients ≥ 12 years 200-800 mcg (Doses greater than 400 mcg may be split to twice dosing daily. 800 mcg/day is recommended only for patients on oral steroid therapy.)					