





Pediatric Asthma Management

Controller medications in children 6 and under




		Low (step 2)	Medium (step 3)	Adverse Effects
<p>Beclomethasone DP Common brand name: QVAR</p> <p># doses: 200</p> <p>Age group approved for use: > 5 years</p> <p>Strengths: 50, 100ug</p>		<p>50 ug BID \$40 per 200 doses</p> <p>(\$10 - \$95)</p>	<p>100 ug BID \$80 per 200 doses</p> <p>(\$10 - \$95)</p>	<p>Headache, upper respiratory tract infection, pharyngitis, dysphonia, oral thrush (can be reduced by rinsing mouth or using spacer device with an MDI)</p>
<p>Ciclesonide Common brand name: Alvesco</p> <p># doses: 30 or 120</p> <p>Age group approved for use: > 6 years</p> <p>Strengths: 100, 200ug</p>		<p>100 ug DAILY \$52 per 120 doses</p> <p>(\$15 - \$85)</p>	<p>200 ug DAILY \$86 per 120 doses</p> <p>(\$15 - \$85)</p>	
<p>Fluticasone propionate Common brand name: Flovent</p> <p># doses: 120</p> <p>Age group approved for use: > 1 year</p> <p>Strengths: 50, 125, 250ug</p>		<p>50 ug BID \$30 per 120 doses</p> <p>(\$15- \$95)</p>	<p>100-125 ug BID \$43 per 120 doses</p> <p>(\$15- \$95)</p>	
<p>Montelukast Common brand name: Singulair</p> <p>Either tablets or granules</p> <p>Age group approved for use: > 2 years</p> <p>Strengths: 4, 5, 10mg</p>		<p>4 mg DAILY</p> <p>Chewable: \$35 - \$40</p> <p>Granules: \$45</p> <p>Tablet: \$60</p>		<p>Neuropsychiatric AE: irritability, aggressiveness, anxiety, sleep disturbance including suicidal thoughts/actions (up to 16% of pediatric patients; typically occurred within 2 weeks of initiation)</p>

Controller medications in children 6-18 years old

		Low (step 2)	Medium (step 3)	Adverse Effects
<p>Beclomethasone DP Common brand name: QVAR</p> <p># doses: 200</p> <p>Strengths: 50, 100ug</p>		<p>50-100 ug BID \$40-80 per 200 doses</p> <p>(\$10 - \$95)</p>	<p>200 ug BID</p>	<p>Headache, upper respiratory tract infection, pharyngitis, dysphonia, oral thrush (can be reduced by rinsing mouth or using spacer device with an MDI)</p>
<p>Ciclesonide Common brand name: Alvesco</p> <p># doses: 30 or 120</p> <p>Strengths: 100, 200ug</p>		<p>100 ug DAILY \$52 per 120 doses</p> <p>(\$15 - \$85)</p>	<p>200-400 ug DAILY \$86 per 120 doses</p> <p>(\$15 - \$85)</p>	
<p>Fluticasone propionate Common brand name: Flovent</p> <p># doses: 120</p> <p>Strengths: 50, 125, 250ug</p>		<p>50-100 ug BID \$30 per 120 doses</p> <p>(\$15- \$95)</p>	<p>125 ug BID \$43 per 120 doses</p> <p>(\$15- \$95)</p>	
<p>Fluticasone fumarate Common brand name: Arnuity</p> <p># doses: 120</p> <p>Strengths: 100, 200ug Elipta</p>			<p>100ug OD \$46 per 30 doses</p> <p>(\$45 - \$90)</p>	
<p>Budesonide Common brand name: Pulmicort</p> <p>Strengths: 100, 200, 400ug</p>		<p>100-200ug BID \$36-74 per 200 doses</p> <p>(\$10 - \$95)</p>	<p>200-400ug BID or 400ug DAILY \$74-107 per 200 doses</p> <p>(\$10 - \$95)</p>	

<p>Mometasone Common brand name: Asmanex</p> <p>Strengths: 100, 200, 400ug</p>		<p>100-200ug DAILY \$40</p> <p>(\$20 - \$80)</p>	<p>200ug BID or 400ug DAILY \$40-80</p> <p>(\$20 - \$80))</p>	<p>Headache, upper respiratory tract infection, pharyn- gitis, dysphonia, oral thrush (can be reduced by rinsing mouth or using spacer device with an MDI)</p>
<p>Montelukast Common brand name: Singulair</p> <p>Either tablets or gran- ules</p> <p>Strengths: 4, 5, 10mg</p>		<p>5mg if 6-14yo 10mg if ≥ 15yo</p> <p>Chewable: \$35 - \$40</p> <p>Granules: \$45</p> <p>Tablet: \$60</p>		<p>Neuropsychiatric AE: irritability, aggressiveness, anxiety, sleep dis- turbance including suicidal thoughts/ actions (up to 16% of pediatric patients; typically occurred within 2 weeks of initiation)</p>

Controller medications (inhaled steroid + long acting beta agonist) available for 6-18 years old

		Low (step 3)	Adverse Effects
<p>*Budesonide/Formoterol Common brand name: Symbicort 100/6, 200/6</p>		<p>100-200ug BID, or 200-400 DAILY</p> <p>\$73-95 per 120 doses (\$20 - \$95)</p>	<p>Headache, upper respiratory tract infection, pharyngitis, dysphonia, oral thrush (can be reduced by rinsing mouth or using spacer device with an MDI)</p>
<p>Fluticasone/salmeterol Common brand name: Advair *MDI 125/25, 250/25 Diskus 100/50, 250/50, 500/50</p>		<p>100-125ug BID</p> <p>For 120 dose MDI: 125/25mcg: \$118 250/25mcg: \$168 (\$60 - \$170)</p> <p>For 60 dose DPI: 100/50mcg: \$46 250/50mcg: \$55 500/50mcg: \$78 (\$45 - \$80)</p>	
<p>*Mometasone/formoterol Common brand name: Zenhale 50/5, 100/5, 200/5</p>		<p>100ug BID 100/5mcg: \$104 200/5mcg: \$128 (\$105- \$130)</p>	

*Approved for use for 12yo and older