

## INHALED CONTROLLER MEDICATIONS

MaineHealth

Medication Name	Medication Class	FDA Age Recommendation	Doses-Strengths	Comments
<b>Aerobid (flunisolide) CFC</b>	Inhaled Corticosteroid (ICS)	6 and older	250mcg per inhalation (100 doses)	Shake 5 seconds
<b>Alvesco (ciclesonide) HFA</b>	Inhaled Corticosteroid (ICS)	12 and older	80mcg and 160mcg per inhalation (60) doses	No shaking required; 3 primes to start and reprime after 10 days without use. Dose indicator in increments of 10
<b>Asmanex (mometasone) DPI*</b>	Inhaled Corticosteroid (ICS)	4-11, 12 and older	110mcg and 220mcg per actuation (14, 30, 60, or 120 doses)	Breath actuated device with dose counter; may be given once daily in PM (110 dose FDA approved for 4-11 yrs)
<b>Azmacort (triamcinolone) HFA</b>	Inhaled Corticosteroid (ICS)	6 and older	100mcg per inhalation (240 doses)	Shake 5 sec.; 2 primes to start; reprime after 3 days without use
<b>Flovent (fluticasone) DPI*</b>	Inhaled Corticosteroid (ICS)	4 and older	50mcg per dose (60 doses)	Diskus device like Advair, but without serevent; comes in only one strength
<b>Flovent (fluticasone) HFA</b>	Inhaled Corticosteroid (ICS)	4 and older	44mcg, 110mcg, 220mcg per actuation (120 doses)	Shake 5 sec.; 4 primes to start; after 7 days without use, or if dropped, reprime once; Inhaler, often used with spacer (44-88mcg BID FDA approved for 4-11 yrs); has dose counter.
<b>Pulmicort (budesonide) DPI* Flexhaler</b>	Inhaled Corticosteroid (ICS)	6 and older	90mcg per dose (60 doses); 180mcg per dose (120 doses)	New Flexhaler (breath actuated device); has dose counter; <u>twist</u> to prime in upright position; two primes to start.
<b>Pulmicort (budesonide) Respules</b>	Inhaled Corticosteroid (ICS)	12 months to 8 years of age	0.25mg, 0.5mg or 1.0mg per unit dose	Deliver with closed system mask if < 3 yrs; mask with holes or mouth piece if ≥ 3 yrs.
<b>QVAR (beclomethasone) HFA</b>	Inhaled Corticosteroid (ICS)	5 and older	40mcg or 80mcg per actuation (100 doses)	Does not require shaking; 2 primes to start, reprime after 10 days. Inhaler, recommended to be used without spacer (80mcg BID is FDA max. for 5-11 yrs)
<b>Advair (fluticasone and salmeterol) DPI*</b>	ICS and long-acting beta <sub>2</sub> -agonist	4 and older	100/50mcg, 250/50, 500/50 per inhalation (60 doses)	No priming; don't tip once loaded; twice daily dosage (100/50 is FDA approved for 4-11 yrs old)
<b>Advair (fluticasone and salmeterol) HFA</b>	ICS and long-acting beta <sub>2</sub> -agonist	12 and older	45/21mcg, 115/21, 230/21 per inhalation (120 doses)	Shake 5 sec.; 4 primes to start; if dropped, or 4 weeks without use, 2 test sprays; twice daily dosage
<b>Symbicort (budesonide and formoterol) HFA</b>	ICS and long-acting beta <sub>2</sub> -agonist	12 and older	80/4.5mcg, 160/4.5mcg per inhalation (120 doses)	Shake 5 sec.; 2 primes to start, again after 7 days without use; twice daily dosage
<b>Serevent (salmeterol) DPI*</b>	Long-acting beta <sub>2</sub> -agonist	4 and older	50mcg per dose (60 doses)	<b>Not</b> to be used for quick relief or without ICS in asthma
<b>Foradil (formoterol) DPI*</b>	Long-acting beta <sub>2</sub> -agonist	5 and older	12mcg per capsule (72 or 360 capsules)	<b>Not</b> to be used for quick relief or without ICS in asthma
<b>Brovana (arformoterol) nebulized</b>	Long-acting beta <sub>2</sub> -agonist	COPD diagnosis only	15mcg (30 or 60 doses)	Twice daily dosing
<b>Spiriva (tiotropium)*</b>	Anticholinergic: acts as a long-acting bronchodilator	COPD diagnosis only	18mcg per capsule (5, 30, or 90 capsules)	Once daily; should avoid use with Combivent or Duoneb

\* Contains lactose

## INHALED QUICK RELIEF MEDICATIONS

MaineHealth

Medication Name	Medication Class	FDA Age Recommendation	Doses-Strengths	Comments
AccuNeb (albuterol for nebulization)	Short-acting beta <sub>2</sub> -agonist	2-12 years of age	0.63 mg albuterol/3ml 1.25 mg albuterol/3ml	Pre-mixed unit dose (3ml)
Albuterol CFC	Short-acting beta <sub>2</sub> -agonist	4 and older	90mcg per inhalation (200 doses)	Shake 5 sec.; 4 primes to start; reprime after 4 weeks without use
Albuterol Nebulized 0.083%	Short-acting beta <sub>2</sub> -agonist	2 and older	2.5mg albuterol/3ml	Pre-mixed unit dose (3ml)
Albuterol Nebulized 0.5%	Short-acting beta <sub>2</sub> -agonist for nebulization	2 and older	0.25cc-0.5cc can be added to 2-3 cc saline solution for inhalation, then nebulized	Supplied as 20 ml dropper bottle
Maxair (pirbuterol) CFC	Short-acting beta <sub>2</sub> -agonist	12 and older	200 mcg per inhalation (400 doses)	Shake 5 sec.; 2 primes to start; 2 primes after 2 days without use; no spacer needed
ProAir (albuterol sulfate) HFA	Short-acting beta <sub>2</sub> -agonist	4 and older	90mcg per inhalation (200 doses)	Shake 5 sec.; 3 primes to start; reprime after 14 days without use
Proventil (albuterol sulfate) HFA	Short-acting beta <sub>2</sub> -agonist	4 and older	90mcg per inhalation (200 doses)	Shake 5 sec.; 4 primes to start; reprime after 2 weeks without use
Ventolin (albuterol sulfate) HFA	Short-acting beta <sub>2</sub> -agonist	4 and older	90mcg per inhalation (60 and 200 doses)	Shake 5 sec.; 4 primes to start; reprime if dropped or after 2 weeks without use; has a dose counter
Xopenex (levalbuterol) HFA	Short-acting beta <sub>2</sub> -agonist	4 and older	45 mcg per inhalation (200 doses)	Shake 5 sec.; 4 primes to start; 4 primes after 3 days without use
Xopenex Nebulized (levalbuterol)	Short-acting beta <sub>2</sub> -agonist	6 and older	6-11yrs=0.31mg; ≥12yrs=0.63mg, 1.25mg	Unit dose for nebulization; needs no mixing
Atrovent (ipratropium) HFA	Anticholinergic	no dose indication for children; indicated for COPD diagnosis only	17mcg per inhalation (200 doses)	2 primes to start; 2 primes after 3 days without use
Combivent (ipratropium and albuterol) CFC	Anticholinergic and short-acting beta <sub>2</sub> -agonist	no dose indication for children; indicated for COPD diagnosis only	18mcg ipratropium/90 mcg albuterol per inhalation (200 doses)	Shake 10 sec.; 3 primes to start; 3 primes after 24 hours without use
Duoneb (ipratropium and albuterol)	Anticholinergic and short-acting beta <sub>2</sub> -agonist	no dose indication for children; indicated for COPD diagnosis only	2.5mg albuterol and 0.5mg ipratropium per unit dose	Pre-mixed unit dose (3ml)

Source: medication package insert

This document is intended to comprise most frequently used medications in the MaineHealth system.