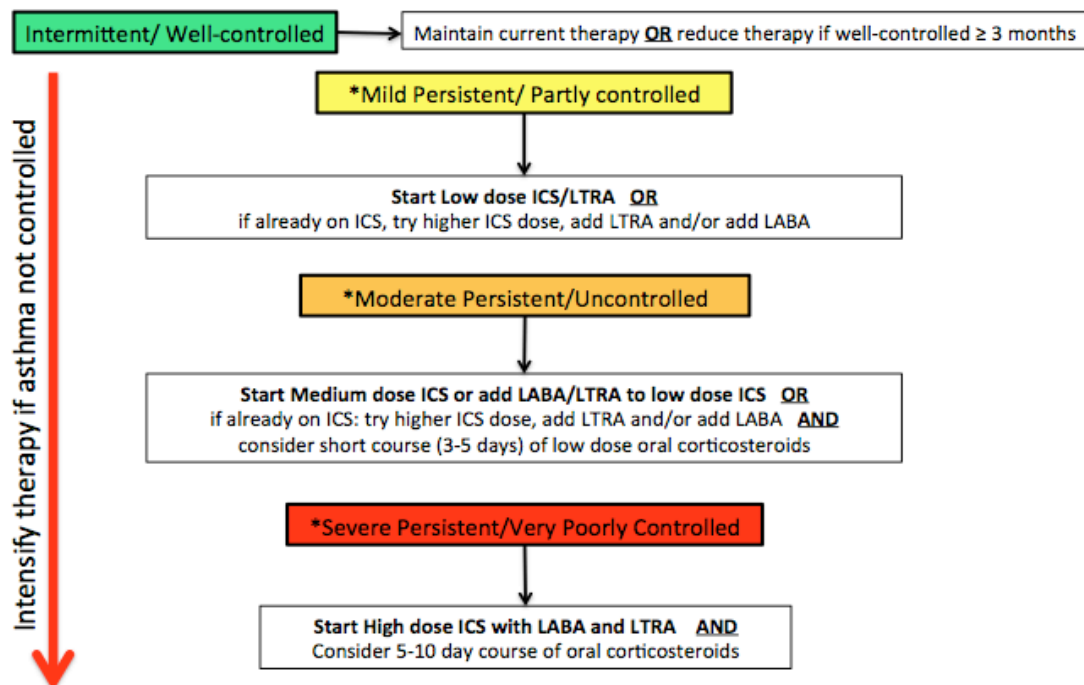


Treatment Recommendations Based on Asthma Control or Severity Level



* IF ASTHMA IS NOT WELL-CONTROLLED/INTERMITTENT, ALSO CONSIDER EACH OF THE FOLLOWING:

- Acute Respiratory Infection:** □ patient may benefit from regular use of Albuterol (e.g., 4 times a day) during the acute illness
- Inhaler technique:** □ is patient using spacer with MDI? □ have patient demonstrate inhaler technique
- Medication adherence:** □ review patient response to PACCI adherence question □ review pharmacy record of filled medications
- Environmental allergies and exposures:** □ has patient been allergy tested? □ is there secondhand smoke exposure?
- Comorbid conditions:** □ allergic rhinitis □ sinusitis □ obesity □ gastro-esophageal reflux
- Asthma specialist referral:** □ systemic steroids ≥ 2 times/year □ intubation/ICU admit □ uncontrolled asthma on high dose ICS

Inhaled Corticosteroids (ICS)		Child 0-4 years old			Child 5-11 years old			>12 years old		
		Low Dose	Medium	High Dose	Low Dose	Medium	High Dose	Low Dose	Medium	High Dose
Beclomethasone/QVar MDI	40mcg 80mcg	N/A	N/A	N/A	2-4 puffs 1-2 puffs	>2-4 puffs	>4 puffs	2-4 puffs 1-3 puffs	>3-6 puffs	>6 puffs
Budesonide/Pulmicort DPI Flexhaler	90mcg 180 mcg	N/A	N/A	N/A	2-4 puffs 1-2 puffs	>2-4puffs	>4 puffs	2-6 puffs 1-3 puffs	4-6 puffs	>6 puffs
Budesonide/Pulmicort Respule	0.25mg neb 0.5mg neb	2 nebs 1 neb	>2 nebs 2 neb	>2 nebs	2 nebs 1 neb	4 nebs 2 nebs	4 nebs	N/A	N/A	N/A
Fluticasone/Flovent MDI	44 mcg 110 mcg 220 mcg	4 puffs 1 puff	5-8 puffs 1-3 puffs 1 puff	>8 puffs >3 puffs >1 puff	2-4 puffs 1 puff	5-8 puffs 1-3 puffs 1 puff	>8 puffs >3 puffs >1 puff	2-6 puffs 2 puffs 1 puff	6-10 puffs 2-4 puffs 1-2 puffs	>10 puffs >4 puffs >2 puffs
Fluticasone/Flovent Diskus DPI	50 mcg 100 mcg 250 mcg	N/A	N/A	N/A	2-4 puffs 1-2 puffs	3-4 puffs 1 puff	>4 puffs >2 puffs	2-6 puffs 1-3 puffs 1 puff	6-10 puffs 4-5 puffs 2 puffs	>10 puffs >5 puffs >2 puffs
Mometasone/Asmanex Twisthaler DPI	200mcg	N/A	N/A	N/A	N/A	N/A	N/A	1 puff	2 puffs	>2 puffs
Combination Drugs—ICS + LABA: patient should not take more than: 2 puffs per dose of the combo MDI or 1 puff per dose of the combo DPI										
Fluticasone/Salmeterol (Advair) MDI	45/21 mcg 115/21 mcg 230/21 mcg	N/A	N/A	N/A	1-2 puffs	2-4 puffs 1-2 puffs	2 puffs 1 puff	1-3 puffs 1 puff	3-4 puffs 2-3 puffs 1 puff	3-4 puffs 1-2 puffs
Fluticasone/Salmeterol Diskus (Advair) DPI	100/50 mcg 250/50 mcg 500/50 mcg	N/A	N/A	N/A	1 puff	1-2 puffs 1 puff	1 puff	1 puff	1-2 puffs 1 puff	1-2puffs 1 puffs
Budesonide/Formoterol (Symbicort)	80/4.5mcg MDI 160/4.5mcg MDI	N/A	N/A	N/A	N/A	N/A	N/A	1-3 puffs 1-2 puffs	4 puffs 2-3puffs	3-4 puffs
Mometasone/Formoterol (Dulera)	100/5mcg MDI 200/5mcg MDI	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1 puff	2 puffs

Notes: Medication doses of puffs or nebs in the chart are for total doses per day (e.g., 2 puffs = 2 total puffs per day).

Combination drugs are assumed to be equivalent to doubling of the ICS dose alone (e.g., 1 puff of Fluticasone/Salmeterol 45/21 = 2 puffs of Fluticasone)

N/A and blank areas indicate that there is no on-label recommended dosing available.

ICS: inhaled corticosteroid; LTRA: leukotriene receptor antagonist; LABA: long acting beta₂-agonist; MDI: metered dose inhaler; DPI: dry powder inhaler