

References

Asthma Severity: PASS Score (see next page). Mild = 0; Moderate = 1-3; Severe = 4-6.

Albuterol + Atrovent

Albuterol – if < 10 kg 2.5 mg nebulized; if > 10 kg 5 mg nebulized

Atrovent - if < 10 kg 0.25 mg nebulized; if > 10 kg 0.5 mg nebulized

Note – Albuterol and Atrovent should be provided in combination for up to 3 doses

Steroids:

Prednisolone – 2 mg/kg PO (Max dose 60 mg/day)

Prednisone – 2 mg/kg PO (Max dose 60 mg/day)

Methylprednisolone - 2 mg/kg/dose IV

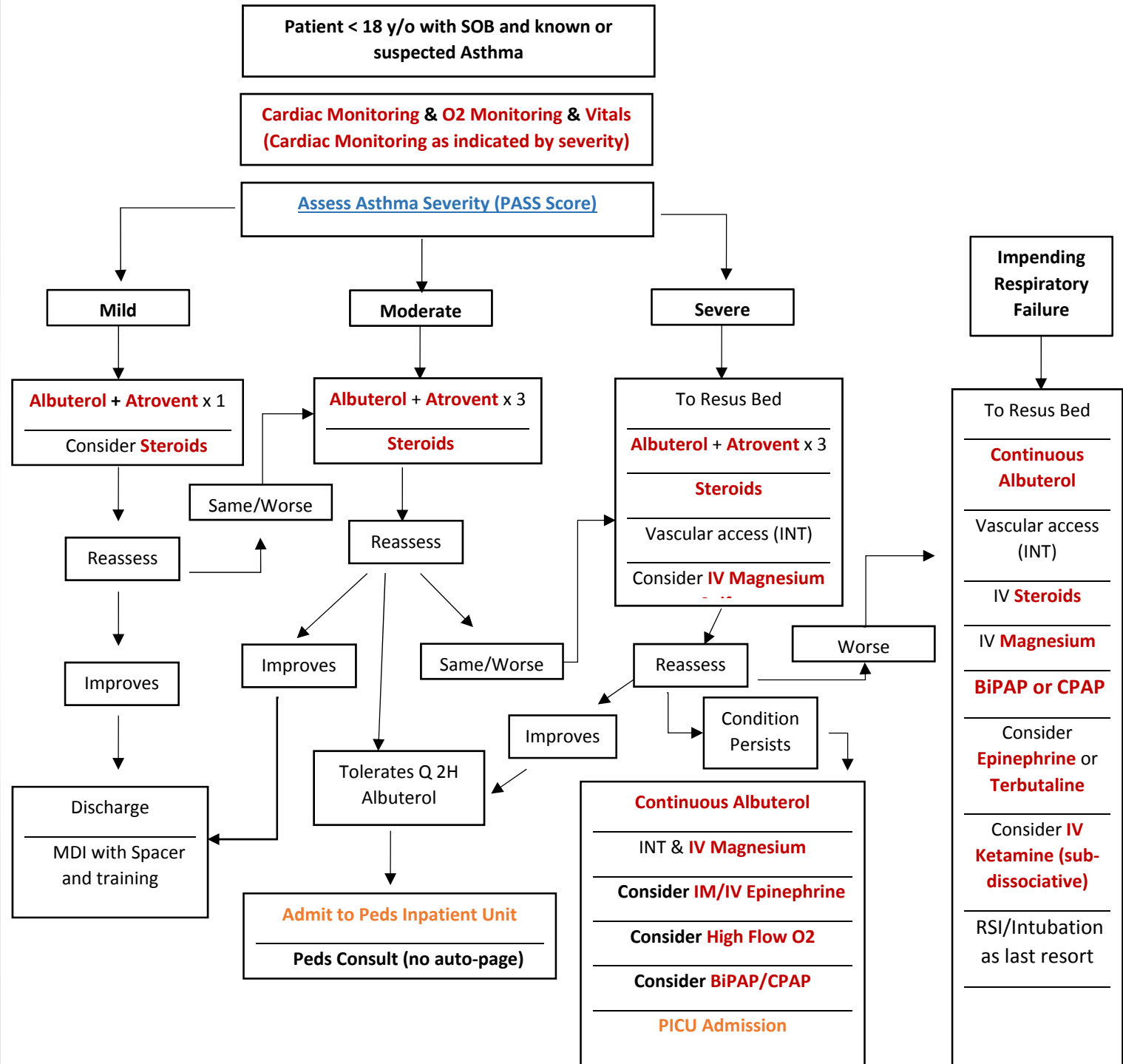
Dexamethasone IV form PO – 0.6 mg/kg (Max dose 16 mg)

Magnesium: 50 mg/kg/dose IV (Max dose 2 grams)

Epinephrine:

IM – 0.01 mg/kg/dose (Max dose 0.3 mg)

Infusion – 0.1-2 mcg/kg/min



References

Terbutaline

Sub Q – 0.01 mg/kg (Max dose 0.25 mg)
 Bolus IV – 2-10 mcg/kg
 Infusion – 0.1-0.4mcg/kg/min

Ketamine

IV – 0.1-0.3 mg/kg

Admit to Peds Inpatient Unit

Albuterol nebulizer treatments must have been spaced to *no more frequent than every 2 hours in the PED*; patients that required continuous albuterol at any time during management require an attending to attending conversation prior to admission

Maximum High Flow Nasal Cannula Guidelines for Inpatients

Age	Flow (lpm)	% FiO ₂
0-6 mo	3	40%
6 mo – 3 yrs	4	40%
3-6 yrs	6	40%

PICU Admission

Endotracheal intubation or potential need for emergency endotracheal intubation and mechanical ventilation

Patients who require continuously nebulized albuterol

Assess Asthma Severity (PASS Score)

	Mild (Score = 0)	Moderate (Score = 1-3)	Severe (Score = 4-6)	Respiratory Arrest Imminent
KEY EXAM ELEMENTS (PASS)				
Wheezing	None or mild (0) None or end of expiration only	Moderate (1) Throughout expiration	Severe(2) Inspiratory/expiratory or absent due to poor air exchange	Diminished due to poor air exchange
Work of breathing	None or mild (0) Normal or minimal retractions	Moderate (1) Intercostal retractions	Severe (2) Suprasternal retractions, abdominal breathing	Tiring, inability to maintain work of breathing
Prolonged expiration	None or mild (0) Normal or minimally prolonged	Moderate (1)	Severe (2)	Severely prolonged
Total score derived from sum of all 3 components				
From: http://www.chop.edu/clinical-pathway/primary-care-acute-asthma-clinical-pathway-determine-severity-level-asthma				