Patient < 18 y/o with SOB and known or suspected Asthma

Cardiac Monitoring & O2 Monitoring & Vitals (Cardiac Monitoring as indicated by severity)

Assess Asthma Severity (PASS Score)

Mild

-Albuterol + Atrovent x 1

-Consider Steroids

Moderate

-Albuterol + Atrovent x 3

-Steroids

To Resus Bed

-Albuterol + Atrovent x 3

-Steroids

Vascular access (INT)

Consider IV Magnesium

Severe

-Worse

Continuous Albuterol

IV Magnesium

BiPAP or CPAP

Consider Epinephrine or Terbutaline

Consider IV Ketamine (sub-dissociative)

RSI/Intubation as last resort

Restless

Continuous Albuterol

INT & IV Magnesium

Consider IM/IV Epinephrine

Consider High Flow O2

Consider BiPAP/CPAP

PICU Admission

Same/Worse

Reassess

Improves

Reassess

Improves

Condition Persists

Same/Worse

Reassess

Discharge

MDI with Spacer and training

Admit to Peds Inpatient Unit

Peds Consult (no auto-page)
**Assess Asthma Severity (PASS Score)**

<table>
<thead>
<tr>
<th></th>
<th>Mild (Score = 0)</th>
<th>Moderate (Score = 1-3)</th>
<th>Severe (Score = 4-6)</th>
<th>Respiratory Arrest Imminent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheezing</td>
<td>None or mild (0)</td>
<td>Moderate (1)</td>
<td>Severe (2)</td>
<td>Diminished due to poor air exchange</td>
</tr>
<tr>
<td></td>
<td>None or end of expiration only</td>
<td>Throughout expiration</td>
<td>Inspiratory/expiratory or absent due to poor air exchange</td>
<td></td>
</tr>
<tr>
<td>Work of breathing</td>
<td>None or mild (0)</td>
<td>Moderate (1)</td>
<td>Severe (2)</td>
<td>Tiring, inability to maintain work of breathing</td>
</tr>
<tr>
<td></td>
<td>Normal or minimal retractions</td>
<td>Intercostal retractions</td>
<td>Suprasternal retractions, abdominal breathing</td>
<td></td>
</tr>
<tr>
<td>Prolonged expiration</td>
<td>None or mild (0)</td>
<td>Moderate (1)</td>
<td>Severe (2)</td>
<td>Severely prolonged</td>
</tr>
<tr>
<td></td>
<td>Normal or minimally prolonged</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total score derived from sum of all 3 components</td>
<td></td>
<td></td>
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</tbody>
</table>

**References**