

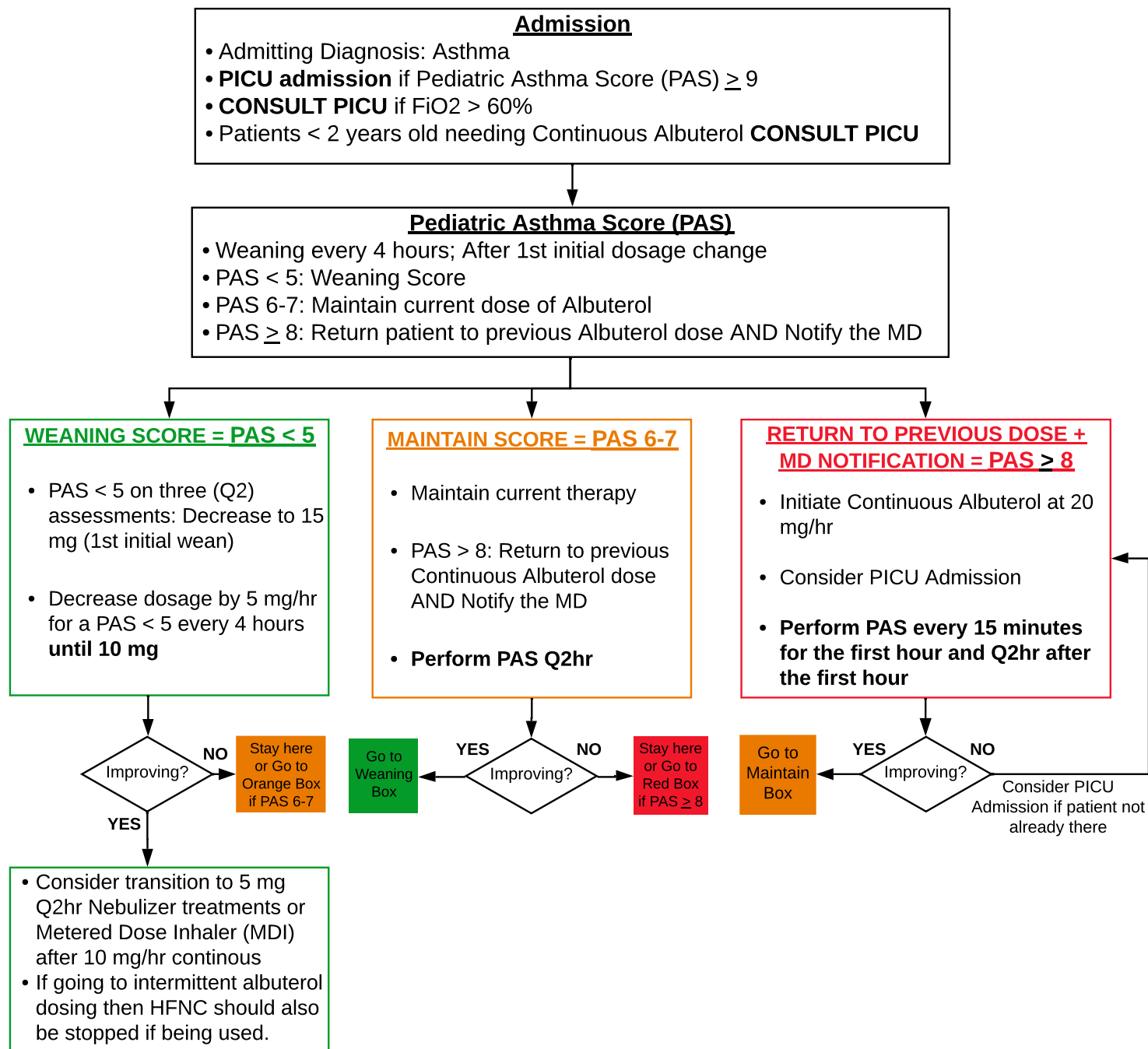
## UNC Children's Respiratory Care Services Continuous Albuterol Pathway for Asthma Patients

The following information is intended as a guideline for the acute management of children with asthma.  
Management of your patient may require a more individualized approach

**Inclusion Criteria:** 2 yo or greater with hx of asthma or recurrent wheezing presenting with acute onset wheezing, cough, shortness of breath, hypoxemia, tachypnea, or other signs of increased work of breathing

**Exclusion Criteria:** Bronchiolitis, Viral pneumonitis, Aspiration Pneumonia, Croup, Cystic Fibrosis, Airway Anomalies, Cardiac disease

**ONLY AEROGEN ULTRA FACE MASK TO BE USED TO DELIVER CONTINUOUS ALBUTEROL**



**PAS SCORE CHART ON NEXT PAGE**

1. PAS should be done prior to treatment and repeated 15 minutes afterward (preferably by the same provider)
2. Add elements into a single score
3. Document score in Epic flowsheet, Scoring Tools, and/or other areas of clinical documentation

| ELEMENT   |            | POINTS   |   |   |
|---|------------|--|---|---|
|   |            | 0  | 1   | 2   |
| <b>1. <u>Respiratory Rate</u></b><br>Obtain over 30 sec and multiply by 2   | 2 - 3 yrs  | ≤ 34   | 35-39   | ≥ 40  |
|   | 4 - 5 yrs  | ≤ 30   | 31-35   | ≥ 36  |
|   | 6 - 11 yrs | ≤ 26   | 27-30   | ≥ 31  |
|   | ≥ 12 yrs   | ≤ 23   | 24-27   | ≥ 28  |
| <b>2. <u>Auscultation</u></b><br>Auscultate anterior and posterior lung fields<br>Assess air entry and presence of wheezing   |            | No Wheezes   | Expiratory Wheezes                                    | Inspiratory & expiratory wheezes <u>OR</u> diminished breath sounds |
| <b>3. <u>Work of Breathing</u></b><br>Assess for nasal flaring or retractions (suprasternal, intercostal, subcostal)  |            | ≤ 1 sign   | 2 signs   | ≥ 3 signs   |
| <b>4. <u>Dyspnea</u> *</b><br>As developmentally appropriate.<br>* If sleeping AND not showing physical signs of respiratory distress, score the patient zero for this category |            | Speaks full sentences, playful, <u>AND</u> takes PO well | Speaks partial sentences, short cry <u>OR</u> poor PO | Speaks short phrases, grunting, <u>OR</u> unable to take PO         |
| <b>5. <u>O2 Requirement</u> **</b><br>** Do not take patients off supplemental oxygen to obtain score   |            | ≥ 92% on RA  |   | Supplemental oxygen required to maintain saturations above 92%      |