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Albuterol Dosing:

- Continuous albuterol alone: 0.083% (2.5 mg / 3 mL)
- If combined with ipratropium 0.5% solution (0.5 mL = 2.5 mg)

Intensive Care Indications
Any of the following:

- Prolonged continuous albuterol for > 4 hrs with worsening symptoms
- Inadequate ventilation with hypercapnea (PCO₂ on capillary blood gas > 45)
- Need for [high flow nasal cannula](#) or non-invasive ventilation due to concern for respiratory failure
- Persistent hypoxemia (SpO₂ < 90%) despite supplemental O₂ (≥ 3 L/min or > 40% FiO₂ with non-rebreather)
- Altered level of consciousness (drowsiness)

Discharge Criteria
All of the following:

- Resolution of respiratory distress
- Resolution of hypoxemia (SpO₂ ≥ 90% on room air)
- Does not require albuterol more frequently than q4 hours
- Ability of caregiver to provide q4h albuterol at home

Discharge Checklist

- Continue** yellow zone therapies on discharge
- Determine** [systemic steroid plan](#) based on initial steroid administered and patient needs
- Consider** "stepping up" green zone therapies if indicated
- Provide** Asthma Action Plan and [asthma education](#)
- Recommend** appropriate follow-up with either PCP or Asthma Provider
- Confirm** pt has access to prescribed medications within 2-3 hours after discharge

Other Resources

- [Asthma Reference Guide](#)
- [Caregiver Smoking Cessation](#)

