

Albuterol admin

Albuterol (nebulizer)

Indications (check all that apply):

- Asthma
- Chronic bronchitis
- Emphysema
- Smoke inhalation
- Severe shortness of breath (SOB)

Contraindications (check all that apply):

- Pt allergic or hypersensitive to drug
- Pts with significant or symptomatic tachycardia (heart rate > 150, chest pain, SOB, decr LOC, shock, low BP)

Required documentation:

Previous meds taken by pt
Vitals before admin
Breath sounds before admin
Any allergies
Med admin time, dose, site
Any change in pt's ease of breathing, breath sounds,
5–10 mins after med admin

Dose:

Adult: 2.5 mg in 3 mL liquid, may repeat every 15 mins as needed
Peds: 1 dose may be given prior to medical approval

Administration:

Obtain baseline vitals
Listen to lung sounds
Fill nebulizer container, set O₂ to 6 L/M
Have pt breathe deeply, briefly holding an inhalation every 3–5 breaths as pt tolerates
Med may take 10–15 mins to completely nebulize; peak effect may take up to an hr
Reassess breath sounds after neb is done, and every 10–15 mins thereafter

Actions:

Relaxes smooth muscle in the resp tract, which dilates bronchioles
Aids in decreasing SOB, wheezing, coughing, dyspnea

Possible Side effects:

Palpitations	Anxiety
Headache	Dizziness
Rapid heart rate	Tremors
Hypertension	Nausea & vomiting (uncommon)

Documentation:

1. O₂ sats prior to tx: _____
2. O₂ at 12–15 L/M; time: _____
3. Pt medical history: _____

4. Vitals w/O₂ sats: _____
5. Pt allergies: _____

Albuterol administration:

1. Albuterol 2.5 mg neb tx with O₂ at 6 L/M
2. Start time: _____
3. Stop time: _____
4. Vitals w/O₂ sats, time: _____
5. Vitals w/O₂ sats, time: _____

If second tx:

1. Albuterol 2.5 mg neb tx with O₂ at 6 L/M
2. Start time: _____
3. Stop time: _____
4. Vitals w/O₂ sats, time: _____
5. Vitals w/O₂ sats, time: _____