

Albuterol

<u>Generic Name:</u>	<u>Brand Name:</u>	<u>Drug Class:</u>
Albuterol	Proventil, Respirol, Ventolin, ProAir	Selective β_2 agonist
<u>Mechanism of Action:</u>	<u>Time to Onset:</u>	<u>Duration of Effects:</u>
<ul style="list-style-type: none"> • Bronchodilation • Inhibits histamine release 	5-15 minutes	3-4 hours
<u>Indications:</u>	<u>Contraindications:</u>	<u>Possible Side Effects:</u>
<p>Bronchospasm/constriction due to:</p> <ul style="list-style-type: none"> • Asthma/COPD • Toxic gas inhalation • Allergic reaction • Pulmonary edema <p>Hyperkalemia (specific cases)</p>	<p>Use with caution for:</p> <ul style="list-style-type: none"> • Hypertension • Hyperthyroidism • Diabetes mellitus 	<ul style="list-style-type: none"> • Tachycardia • Hypertension • Dizziness • Tremors • Headache • Coughing • Nausea • Hyperactivity
<u>Administration Route:</u>	<u>Adult dose:</u>	<u>Pediatric dose:</u>
<ul style="list-style-type: none"> • Nebulizer • In-line with CPAP 	2.5-5 mg every 10 minutes	Same as adult