<table>
<thead>
<tr>
<th><strong>ALBUTEROL</strong></th>
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<tr>
<td><strong>CLASSIFICATION</strong></td>
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<td><strong>TRADE NAME(S)</strong></td>
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<td><strong>DESIRED EFFECTS</strong></td>
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<td><strong>MECHANISM OF ACTION</strong></td>
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| **INDICATIONS** | • Asthma or wheezing due to bronchospasm  
• COPD exacerbation  
• Toxic inhalation causing reactive airway disease |
| **CONTRAINDICATIONS** | • Tachyarrhythmias  
• Known hypersensitivity to albuterol |
| **ADVERSE REACTIONS** | • Tremors  
• Nervousness  
• Dizziness  
• Tachycardia  
• Palpitations  
• Hypertension  
• Nausea and vomiting |
| **DRUG INTERACTIONS** | • May antagonize beta-adrenergic blockers  
• Increase effects in the presence of many antidepressants (i.e. TCA) |
| **PRECAUTIONS** | • Diabetes, Schizophrenia, Hyperthyroidism, Prostatic hypertrophy, Glaucoma |
| **SPECIAL CONSIDERATIONS** | Albuterol may be given continuously for patients in extremis. Do not withhold in pregnant asthmatics. Hypoxia is a greater risk to the fetus than the risk of the effects from the medication. |
| **DOSING REGIMEN** | • **Adult** - 2.5mg/3ml (unit dose) via nebulizer every 10-20 minutes.  
• May repeat 2 more times  
• **Pediatric** - 2.5mg/3ml (unit dose) via nebulizer every 10-20 minutes.  
• May repeat 2 more times |
| **PROTOCOL LOCATION** | • Respiratory Emergencies  
• Allergic Reaction / Anaphylactic Shock  
• Renal Emergencies  
• Trauma Emergencies - Crush |