



## Section 13: Appendix 1: Medications

### DUO-NEB (Albuterol and Ipratropium)

Pregnancy Category - C

E	EMT	E
A	AEMT	A
P	PARAMEDIC	P

<b>ACTIONS</b>	<b>DuoNeb – Combination of Albuterol and Ipratropium</b> <ul style="list-style-type: none"> <li>Relaxes bronchial smooth muscles and reduces airway resistance</li> <li>Relieves bronchospasm and dries mucosal secretions</li> </ul>
<b>INDICATIONS</b>	<ol style="list-style-type: none"> <li>Asthma exacerbation</li> <li>COPD exacerbation</li> <li>Pulmonary edema with wheezing</li> </ol>
<b>CONTRAINDICATIONS</b>	Known hypersensitivity to the drug
<b>PRECAUTIONS</b>	<ol style="list-style-type: none"> <li>Patients with seizure disorders</li> <li>Patients with cardiac history</li> </ol>
<b>SIDE EFFECTS</b>	<ol style="list-style-type: none"> <li>Headache</li> <li>Drowsiness or dizziness</li> <li>Nausea and vomiting</li> <li>Tachycardia or palpitations</li> <li>Hypertension</li> <li>Ventricular ectopy (PVC's)</li> </ol>
<b>SUPPLIED</b>	2.5 mg Albuterol and 0.5 mg Ipratropium in single 3ml unit dose for nebulization
<b>ADULT DOSAGE</b>	<b>Adult Respiratory Distress/Congestive Heart failure or Anaphylatic Reaction</b> 2.5 mg Albuterol and 0.5 mg Ipratropium in single 3ml unit dose for nebulization
<b>PEDIATRIC DOSAGE</b>	<b>Pediatric Respiratory distress – Lower airway</b> 2.5 mg Albuterol and 0.5 mg Ipratropium in single 3ml unit dose for nebulization
<b>KEY POINTS</b>	<ul style="list-style-type: none"> <li>May repeat as needed</li> </ul>
<b>PROTOCOL USE</b>	<ul style="list-style-type: none"> <li><b>Adult Respiratory Distress</b></li> <li><b>Adult Congestive Heart failure</b></li> <li><b>Adult Anaphylatic Reaction</b></li> <li><b>Pediatric Respiratory distress – Lower airway</b></li> </ul>