



Section 13: Appendix 1: Medications

DUO-NEB (Albuterol and Ipratropium)

Pregnancy Category - C

E	EMT	E
A	AEMT	A
P	PARAMEDIC	P

ACTIONS	DuoNeb – Combination of Albuterol and Ipratropium <ul style="list-style-type: none"> Relaxes bronchial smooth muscles and reduces airway resistance Relieves bronchospasm and dries mucosal secretions
INDICATIONS	<ol style="list-style-type: none"> 1. Asthma exacerbation 2. COPD exacerbation 3. Pulmonary edema with wheezing
CONTRAINDICATIONS	Known hypersensitivity to the drug
PRECAUTIONS	<ol style="list-style-type: none"> 1. Patients with seizure disorders 2. Patients with cardiac history
SIDE EFFECTS	<ol style="list-style-type: none"> 1. Headache 2. Drowsiness or dizziness 3. Nausea and vomiting 4. Tachycardia or palpitations 5. Hypertension 6. Ventricular ectopy (PVC's)
SUPPLIED	2.5 mg Albuterol and 0.5 mg Ipratropium in single 3ml unit dose for nebulization
ADULT DOSAGE	Adult Respiratory Distress/Congestive Heart failure or Anaphylatic Reaction 2.5 mg Albuterol and 0.5 mg Ipratropium in single 3ml unit dose for nebulization
PEDIATRIC DOSAGE	Pediatric Respiratory distress – Lower airway 2.5 mg Albuterol and 0.5 mg Ipratropium in single 3ml unit dose for nebulization
KEY POINTS	<ul style="list-style-type: none"> May repeat as needed
PROTOCOL USE	<ul style="list-style-type: none"> Adult Respiratory Distress Adult Congestive Heart failure Adult Anaphylatic Reaction Pediatric Respiratory distress – Lower airway