## H24. Ipatropium Bromide and Albuterol (Duoneb)

### Class and Action:
Anticholinergic, antimuscarinic, sympathomimetic, selective $\beta_2$ receptor agonist; bronchodilator, relaxes bronchial tree and peripheral vasculature by stimulating $\beta_2$ receptors. Blocks muscarinic receptors without specificity subtype. Decreases contractility of smooth muscle, inhibits mucus secretion.

### Indications:
Bronchospasm

### Contraindications:
Hypersensitivity to Atropine or soybean protein or other legumes

### Side Effects:
Tachydysrhythmias, anxiety, vertigo, palpitations, restlessness, angina

### Drug Interactions:
Some antidepressants may potentiate effects on vasodilation

### Onset, Duration, and Routes:
Onset is 5-15 minutes following inhalation with a duration of 4-5 hours. Route of administration is inhalation.

### Adult Dose:
Nebulized 0.5 mg mixed with Albuterol

### Pediatric Dose:
Nebulized 0.5 mg mixed with Albuterol

### WDM EMS Protocols:
- C4. Allergic Reaction/Anaphylaxis
- D7. Pediatric Respiratory Distress
- E5. Respiratory Distress

### Special Considerations:

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Date of Most Recent Update: 6/2020