

Initial Date: 07/19/23
Revised Date: 12/10/2025

Section: 9-12R

Albuterol

Pharmacological Category: Beta-2 Agonist, Bronchodilator

Routes: Nebulized

Indications:

1. Bronchospasm (wheezing)
2. Known or suspected hyperkalemia resulting from a crush injury.

Expected effects:

1. Bronchodilation
2. Decreased respiratory work/effort

Dosing: RESPIRATORY DISTRESS (Adult)
PEDIATRIC RESPIRATORY DISTRESS
ANAPHYLAXIS/ALLERGIC REACTION
PULMONARY EDEMA/CARDIOGENIC SHOCK

Indication: Respiratory distress with wheezing

Adults administer:

1. Albuterol 2.5 mg/3mL NS nebulized

Pediatrics administer:

*Albuterol dosage is not weight/age based but it does appear on MI MEDIC

1. Albuterol 2.5 mg/3mL NS nebulized

Dosing: GENERAL CRUSH INJURY

Indication: Suspected hyperkalemia due to crush injury

Adults administer:

1. Albuterol 2.5 mg/3mL NS continuous nebulization to a maximum dose of 20 mg

Pediatrics administer:

* Albuterol dosage is not weight/age based but it does appear on MI MEDIC

1. Albuterol 2.5 mg/3mL NS continuous nebulization to a maximum dose of 20 mg

Note: A single responding unit is not expected to carry 20 mg (8 nebules) of albuterol for treatment of up to 20 mg in Crush Injury protocol. Dosage is a maximum if other resources (i.e., Haz Mat drug box, second drug box) are available.

Used in the Following Protocols

Anaphylaxis/Allergic Reaction (Section 1 General Treatment)

General Crush Injury (Section 2 Trauma and Environmental)

Respiratory Distress (Section 3 Adult Treatment)

Pediatric Respiratory Distress (Section 4 Obstetrics and Pediatrics)

Pulmonary Edema/Cardiogenic Shock (Section 5 Adult Cardiac)