**Class and Action:** Loop diuretic; potent diuretic that inhibits the reabsorption of sodium and chloride in the proximal tubule and the loop of Henle. Decreases cardiac preload by increasing venous capacitance.

**Indications:** Pulmonary edema associated with CHF, hepatic or renal disease.

**Contraindications:** Hypersensitivity, anuria, hypovolemia, dehydration, and electrolyte depletion.

**Side Effects:** Hypotension, EKG changes, dry mouth, electrolyte changes, hearing disturbances.

**Drug Interactions:** May potentiate digitalis and lithium toxicity, increase ototoxic effects of some antibiotics, may potentiate therapeutic effects of antihypertensives.

**Onset, Duration, and Routes:** Onset is 5 minutes for vascular effects and 15-20 minutes for diuretic effects with a duration of 2 hours.

**Adult Dose:**
- Patient Specific

**Pediatric Dose:**
- Patient Specific

**WDM EMS Protocols:**

**Special Considerations:**

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Protocol: H18. Furosemide
Date of Most Recent Update: 6/2020