

**CLASS: A**

**PROTOCOL(S) USED IN: Endotracheal Intubation RSI**

**PHARMACOLOGY AND ACTIONS:**

- A. Short acting depolarizing skeletal muscle relaxant.
- B. Binds to cholinergic receptors in the motor neuron endplate to cause muscle depolarization (fasciculations) followed by paralysis.
- C. Complete paralysis occurs with 1 minute; recovery usually seen within 4-6 minutes.
- D. Has no effect of consciousness or pain threshold.

**INDICATIONS:**

Paralysis to facilitate rapid sequence intubation

**CONTRAINDICATIONS:**

- A. Burns or crush injuries > 12-24 hours
- B. Patients with kidney failure, neuromuscular disease including prior strokes with deficits,, or skeletal muscle myopathy such as Muscular Dystrophy.

**SIDE EFFECTS AND NOTES:**

- A. May cause malignant hyperthermia, hyperkalemia.
- B. Must be able to ventilate patient
- C. Must be accompanied by induction agent, which should immediately precede administration of paralytic in RSI

**ADULT DOSING:**

**1.5mg/kg IV/IO;** a second equal dose may be given if paralysis is not achieved within 60-120 seconds of initial administration.

**PEDIATRIC DOSING:**

**1.5-2mg/kg IV/IO**