

Class

Depolarizing Neuromuscular Blocker, Skeletal Muscle Relaxant

Pharmacologic Properties

Neuromuscular blocking agent (depolarizing). Skeletal muscle relaxant, paralyzes skeletal muscles including respiratory muscles that is ultra-short-acting mimicking acetylcholine as it binds with the cholinergic receptors on the motor end plate, producing a phase 1 block as manifested by fasciculations.

Indications

- To achieve paralysis to facilitate endotracheal intubation (RSI) [Protocol 7](#), [Protocol 7P](#).

Contraindications

- Patients with known hypersensitivity to the drug
- Acute narrow-angle glaucoma
- Penetrating eye injuries
- Malignant hyperthermia
- Major burns, crush injuries and acute injuries after multisystem trauma that may result in hyperkalemia

Precautions

- Should not be administered unless persons skilled in endotracheal intubation are present.
- Endotracheal intubation equipment must be available.
- Oxygen equipment and emergency resuscitative drugs must be available.
- Paralysis occurs within 1 minute and lasts for approximately 8 minutes.

Side Effects/Adverse Reactions

- Prolonged paralysis, apnea, respiratory depression, dysrhythmia, hypotension, and bradycardia.

Dosage and Administration**Adult**

- 1.5 mg/kg IVP

Pediatric

- 1.5 mg/kg IVP