



Selection is always easier

when reasons are clear

RELAXTRON

(Atracurium Besylate Injection USP 10mg/ml)

Relaxtron is a highly selective neuromuscular blocking agent.

Blocks neural transmission at the myoneural junction by binding with cholinergic receptor sites

- Relaxation of skeletal muscles during surgery or controlled ventilation.
- Enabling tracheal intubation to be performed when used as an adjunct to general anesthesia.
- Facilitating mechanical ventilation in intensive care units (ICU) patients.

DOSAGE

Adult: (As an I.V injection) The dose range for adults is 0.3 to 0.6 mg/kg (depending on the duration of full block required) and will provide adequate relaxation for 15 to 35 minutes. Endotracheal intubation can usually be accomplished within 90 seconds.

Adult: (As an Infusion) After an initial bolus dose of 0.3 to 0.6 mg/kg. It can be used to maintain neuromuscular block during local surgical procedures by administration as a continuous infusion at rates of 0.3 to 0.6 mg/kg/hour.

Prescribing Information:

Mechanism of Action: Blocks neural transmission at the myoneural junction by binding with cholinergic receptor sites. **Pharmacokinetics:** Onset of action : IV:2 minutes. Peak effect: Within 3-5 minutes. **Duration:** Recovery begins in 20-35 minutes when anesthesia is balanced. **Metabolism:** some metabolites are active; undergoes rapid nonenzymatic degradation in the bloodstream, additional metabolism occurs via ester hydrolysis. Half life, biphasic: Adults: Initial: 2 minutes; Terminal: 20 minutes. **Indications:** Atracurium is a highly selective, competitive or non depolarizing neuromuscular blocking agent which is used as an adjunct to general anesthesia to enable tracheal intubation to be performed and to relax skeletal muscles during surgery or controlled ventilation, and to facilitate mechanical ventilation in intensive care unit (ICU) patients. **Side Effects:** Mild, rare, and generally suggestive of histamine release, erythema, itching, urticaria, wheezing, bronchial secretions, decreased metabolism/excretion (hepatic and /or renal impairment). **Drug Interactions:** Prolonged neuromuscular blockade: Halothane has only a marginal effect, enflurane and isoflurane increases the potency and prolong duration of neuromuscular blockade induced by atracurium by 35% to 50%. Dosage should be reduced by 33% in patients receiving halothane. Local anesthetics, Calcium channel blockers, Corticosteroids, Antiarrhythmics (eg, quinidine or procainamide), Antibiotics (eg, aminoglycoside, tetracycline's vancomycin, Clindamycin), Immunosuppressants. (eg, cyclosporine) **Contraindication:** Patients with hypersensitivity **Precautions:** Relaxtron should be administered only with adequate general anesthesia & under the close supervision of an experienced anesthetist and with adequate facilities for endotracheal intubation and artificial ventilation. **Presentation:** Injections 10mg/ml in 2.5ml ampoules & 5ml ampoules.



“Medicines For All”



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