For the use of a Register Medical Practitioner or a Hospital or a Laboratory only

Esmolol Hydrochloride Injection IP

AMERICAN
Pacemolol
Injection

DESCRIPTION
Esmolol is a cardioselective beta-adrenergic blocker used for the short-term control of ventricular rate and heart rate in various types of tachycardia, including perioperative tachycardia and hypertension.
Esmolol hydrochloride injection is recommended for intravenous administration.

Composition
Each ml Contains:
Esmolol Hydrochloride IP……10 mg
Water for Injections IP……q.s.

INDICATIONS AND USAGE
Esmolol has proven to be a safe and efficient medication for controlling blood pressure during surgery due to its short half-life. The drug is also indicated in cases of sinus tachycardia, where a rapid heartbeat requires immediate intervention, especially in the case of acute coronary syndrome.

CONTRAINDICATIONS
- Severe sinus bradycardia
- Heart block greater than first degree
- Sick sinus syndrome
- Decompensated heart failure
- Cardiogenic shock
- Coadministration of IV cardiodepressant calcium-channel antagonists (e.g. verapamil) in close proximity to esmolol hydrochloride injection
- Pulmonary hypertension
- Known hypersensitivity to esmolol

WARNINGS AND PRECAUTIONS
- Risk of hypotension, bradycardia, and cardiac failure: Monitor for signs and symptoms of cardiovascular adverse effects. Reduce or discontinue use
- Risk of exacerbating reactive airway disease
- Diabetes: May mask symptoms of hypoglycemia and alter glucose levels; monitor
- Risk of unopposed alpha-agonism and severe hypertension in untreated pheochromocytoma
- Risk of myocardial ischemia when abruptly discontinued in patients with coronary artery disease
- Keep the medicine out of reach of children

DRUG INTERACTIONS
- Digitalis glycosides: Risk of bradycardia
- Anticholinesterases: Prolongs neuromuscular blockade
- Antihypertensive agents: Risk of rebound hypertension
- Sympathomimetic drugs: Dose adjustment needed
- Vasoconstrictive and positive inotropic effect substances: Avoid concomitant use
- The experience in children is limited; therefore, it may only be administered when the expected therapeutic benefit is higher than any possible risk.

ADVERSE REACTIONS/SIDE EFFECTS
Most common adverse reactions are symptomatic hypotension (hyperhidrosis, dizziness) and asymptomatic hypotension

DOSAGE AND ADMINISTRATION
For IV use as directed by the Physician.

PRESENTATION
10 ml in glass vial.

STORAGE : Store protected from light at a temperature below 25°C. Do not freeze. Improper storage may deteriorate the product.

Manufactured by:
AMERICAN REMEDIES©
Care & Cure with Research
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(An ISO 9001-2015 Certified Company)
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