

Class

Beta-Blocker, Antidysrhythmic

Pharmacologic properties:

Brevibloc is a rapid onset adrenergic receptor blocking agent with a very short duration of action (selective Beta-blocker), reducing heart rate and causing vasodilation.

Indications

- Used for the treatment of rapid PSVT, atrial flutter and atrial fibrillation associated with exposure to halogenated hydrocarbons [Protocol 25](#).

Contraindications

- Hypersensitivity, sinus bradycardia, heart blocks, cardiogenic shock, or profound CHF. Patients with bronchospastic diseases should not receive Beta-blockers

Precautions

- Use with caution in patients with impaired renal function, patients taking beta blockers, or Verapamil. Extravasation will cause tissue necrosis.

Side Effects/Adverse Reactions

- Symptomatic hypotension, diaphoresis, chest pain, flushing, pallor, bradycardia, and dizziness.

Dosage and Administration

Adult

Loading Dose

- 50 mg SLOW IVP over 1 minute.
 - May be repeated once in 5 minutes if dysrhythmia reoccurs.

Maintenance Infusion

- Infusion of 5 mg/min.
- Mix 2500 mg ampule into 500 mL of NS to yield 5 mg/mL.
 - Starting dose of 5 mg/min. Use a 60 gtts/mL (micro) drip set and run at 1 gtt/sec (60 gtts/min).

- Upon administration of the second loading bolus due to no change or dysrhythmia reoccurrence.
 - Increase the maintenance infusion dose to 10 mg/min. Use a 60 gtts/mL (micro) drip set and run at 2 gtts/sec (120 gtts/min).
- Premixed Injection – 2500 mg in 250 mL of solution, yielding 10 mg/mL.
 - Starting dose of 5 mg/min. Use a 60 gtts/mL (micro) drip set and run at 1 gtt every 2 seconds (30 gtts/min).
 - Upon administration of the second loading bolus due to no change or dysrhythmia reoccurrence.
 - Increase the maintenance infusion dose to 10 mg/min. Use a 60 gtts/mL (micro) drip set and run at a rate of 1 gtt/sec. (60 gtts/min).

Pediatric

- Not indicated for pediatric use.