Medication Formulary

Generic Name: Metoprolol Tartrate

Brand Name: Lopressor, Toprol

Class: βeta-Blocker

Actions: βeta-adrenergic blocking agent that competes with the βeta agonists for available receptor sites on the membrane of the cardiac muscle, bronchial smooth muscle, and the vascular smooth muscle. Also decreases heart rate, conduction velocity, contractility, and output.

Onset: 1-2 minutes

Duration: 3-4 hours


Contraindications: Hypersensitivity, AV heart block, severe CHF, cardiogenic shock, bradycardia, severe bronchoconstrictive diseases, use cautiously with patients with diabetes and hyperthyroidism.

Side Effects: Confusion, depression, headache, vertigo, arrhythmias, palpitations, nausea, dyspnea.

Interactions: Barbiturates, calcium channel blockers, and MAO inhibitors.

Administration Routes: IV, IO

Notes: Monitor patient closely. Do not administer with calcium channel blockers.