

Myocard

Bisoprolol Fumarate Tablet

Presentation

Myocard 2.5 mg Tablet: Each film coated tablet contains Bisoprolol Fumarate USP 2.5 mg.

Myocard 5 mg Tablet: Each film coated tablet contains Bisoprolol Fumarate USP 5 mg.

Pharmacodynamic Properties

Bisoprolol selectively blocks catecholamine stimulation of β_1 -adrenergic receptors in the heart and vascular smooth muscle. This results in a reduction of heart rate, cardiac output, systolic and diastolic blood pressure.

Pharmacokinetic Properties

Absorption: The bioavailability of Bisoprolol from film coated tablets is about 90%.

Distribution: Only 30% of the Bisoprolol in the blood is bound to plasma proteins.

Metabolism: Approximately 50% of the dose is metabolized by CYP3A4.

Excretion: The plasma elimination half-life is approximately 9-12 hours.

Indications

Myocard is indicated for— Mild to moderate Hypertension, management of Heart Failure, Angina Pectoris, secondary prevention of Myocardial Infarction (MI).

Dosage and Administration

In some patients, 2.5 mg may be an appropriate starting dose but the usual starting dose is 5 mg once daily. If the antihypertensive effect of 5 mg is inadequate, the dose may be increased to 10 mg and then, if necessary, to 20 mg once daily.

Patients with Renal or Hepatic Impairment

In patients with hepatic impairment (hepatitis or cirrhosis) or renal dysfunction (creatinine clearance less than 40 ml/min), the initial daily dose should be 2.5 mg.

Missed Dose

If a dose isn't taken at scheduled time, administer it as soon as possible on the same day.

Contraindications

Bisoprolol is contraindicated in patients with known hypersensitivity to Bisoprolol, patients with asthma, bronchitis, chronic respiratory diseases, second and third degree heart block, bradycardia less than 50 beats per minute, peripheral vascular disease, uncontrolled cardiac failure, pregnancy or lactation.

Side Effects

Fatigue, nausea, vomiting, diarrhea, constipation, dizziness, headache, feeling of coldness or numbness in the extremities, hypotension.

Precautions

Heart failure, bronchospasm, renal & hepatic impairment, diabetes mellitus, ongoing desensitization therapy, first degree AV block, Prinzmetal's angina, peripheral arterial occlusive disease, general anesthesia.

Drug Interactions

Hypoglycemic agents, phenothiazines and various antiarrhythmic agents - Such medicine interactions can have life-threatening consequences.

Use in Pregnancy and Lactation

Pregnancy Category of C. Bisoprolol is contraindicated during pregnancy or lactation as the safety of Bisoprolol during pregnancy and whilst breast-feeding has not been established.

Over Dose

Overdose may produce bradycardia and severe hypotension. Bronchospasm and heart failure may be produced in certain individuals.

Storage Conditions

Store in a cool and dry place away from light. Keep out of reach of children.

Commercial Pack

Myocard 2.5 mg Tablet: Each box contains 3 blister packs of 10 tablets.

Myocard 5 mg Tablet: Each box contains 3 blister packs of 10 tablets.

Manufactured by :

 **GENERAL**
Pharmaceuticals Ltd.
Gazipur, Bangladesh



Revision No.: 00