Presart HZ

Telmisartan & Hydrochlorothiazide Tablet

Presentation

Presart HZ 40 Tablet: Each bi-layer tablet contains Telmisartan USP 40 mg & Hydrochlorothiazide BP 12.5 mg
Presart HZ 80 Tablet: Each bi-layer tablet contains Telmisartan USP 80 mg & Hydrochlorothiazide BP 12.5 mg

Description

Presart HZ is a combination of an angiotensin II receptor blocker, Telmisartan and a thiazide diuretics Hydrochlorothiazide.

Telmisartan blocks the vasoconstriction effects of angiotensin II by selectively blocking the binding of angiotensin II to the AT1 receptor in vascular smooth muscle.

Hydrochlorothiazide affects the renal tubular mechanisms of electrolyte reabsorption, directly increasing excretion of sodium and chloride in approximately equivalent amounts. Indirectly, the diuretic action of Hydrochlorothiazide reduces plasma volume, with consequent increases in plasma renin activity, increases in aldosterone secretion, increases in urinary potassium loss, and decreases in serum potassium.

Indications

Presart HZ is indicated for the treatment of hypertension. This combination preparation is indicated in patients whose blood pressure is not adequately controlled on Telmisartan alone. Lowering blood pressure reduces the risk of fatal and nonfatal cardiovascular events, primarily strokes and myocardial infarctions. It is not indicated for initial therapy.

Dosage and Administration

Initiate a patient with Presart HZ 40 tablet once daily whose blood pressure is not adequately controlled with Telmisartan monotherapy 40 mg. If the BP is not satisfactorily controlled with Presart HZ 40, the dose can be increased to Presart HZ 80.

Pediatric use

Safety and effectiveness of Telmisartan + Hydrochlorothiazide combination in pediatric patients have not been established.

Geriatric use

Initial therapy with Telmisartan + Hydrochlorothiazide combination is not recommended in patients ≥75 years old.

Hepatic impairment

Initial therapy with Telmisartan + Hydrochlorothiazide combination is not recommended in hepatically impaired patients.

Side Effects

Dizziness, peripheral edema, migraine, headache, paraesthesia, vertigo, bradycardia, palpitations, hypotension, cough, abdominal pain, diarrhea, nausea, pruritus, myalgia, spasm, erectile dysfunction, chest pain, fatigue, edema etc.

Precautions

Use of drugs that act on the renin-angiotensin system during the second and third trimesters of pregnancy reduces fetal renal function and increases fetal and neonatal morbidity and death. Telmisartan causes extreme low blood pressure or a decrease in kidney function.

Contraindications

It is contraindicated in patients with known hypersensitivity of Telmisartan or Hydrochlorothiazide or any of the excipients of the products.

Overdose

Telmisartan: Limited data are available with regard to over dosage in humans. The most likely manifestations of over dosage with telmisartan tablets would be hypotension, dizziness, and tachycardia; bradycardia could occur from parasympathetic (vagal) stimulation.

Hydrochlorothiazide: The most common signs and symptoms observed in patients with a Hydrochlorothiazide overdose are those caused by electrolyte depletion (hypokalemia, hypochloremia, hyponatremia) and dehydration resulting from excessive diuresis.

Drug Interactions

When certain medicines are taken together, there is a possibility of developing drug interactions. With Telmisartan, drugs such as potassium supplements or potassium sparing diuretics may cause an interaction. NSAID use may lead to increased risk of renal impairment and loss of antihypertensive effect. Dosage adjustment of antidiabetic drugs may be required when co-administered with Hydrochlorothiazide.

Use in Pregnancy & Lactation

Pregnancy: Telmisartan is pregnancy categories C drug. When pregnancy is detected or expected, Telmisartan and Hydrochlorothiazide should be discontinued as soon as possible.

Lactation: It is not known whether Telmisartan passes into human milk. Decision should be made whether to discontinue nursing or to discontinue the drug, taking into account the importance of the drug to the mother & the importance of nursing to the infant.

Storage

Store below 30°C and dry place, away from light. Keep out of the reach of children.

Packing

Presart HZ 40 Tablet: Each box contains 3 blister packs with each blister of 10 tablets.
Presart HZ 80 Tablet: Each box contains 3 blister packs with each blister of 10 tablets.

Manufactured by:
general GENERAL Pharmaceuticals Ltd.
Mouchak, Kaliakair, Gazipur, Bangladesh

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