# **Isopiroz 40 Tablet**

## Isoxsuprine (40 mg) Tablet

## **Description:**

Isoxsuprine is a beta-adrenergic agonist that works by relaxing smooth muscles in the blood vessels, particularly in the peripheral arteries. This leads to vasodilation (widening of blood vessels) and improved blood flow, especially in the limbs. Isoxsuprine is primarily used for the treatment of vascular disorders such as peripheral vascular disease, Raynaud's disease, and other conditions that cause poor circulation. It also has a uterine muscle relaxing effect and is occasionally used in obstetrics to manage certain conditions.

# **Composition:**

## **Each tablet contains:**

Isoxsuprine Hydrochloride: 40 mg

# **Indications:**

## Isoxsuprine (40 mg) tablet is indicated for:

- Peripheral vascular disease: To improve blood circulation and reduce symptoms such as pain, cramping, or numbness in the extremities.
- Raynaud's disease: To alleviate symptoms of vasospasm in the fingers and toes, improving blood flow and reducing the risk of tissue damage.
- Uterine relaxation: To prevent or treat preterm labor (as an off-label use) by relaxing the smooth muscles of the uterus.
- Other circulatory disorders: As an adjunct treatment to enhance blood flow in certain vascular conditions.

## **Dosage and Administration:**

#### **Adults:**

- The typical dose is 1 tablet (40 mg) taken two to three times a day, or as prescribed by a healthcare provider.
- The dosage may vary based on the patient's condition and response to therapy.

## **Route of Administration:**

- The tablets should be taken orally, preferably with a glass of water.
- It is recommended to take the tablet after meals to minimize gastrointestinal side effects.

#### **Contraindications:**

## Isoxsuprine is contraindicated in:

- Hypersensitivity to Isox suprine or any component of the formulation.
- Severe coronary artery disease: As
   Isoxsuprine can affect the cardiovascular system, it should be avoided in patients with severe coronary artery disease.
- Preterm labor: Isoxsuprine should not be used as a first-line treatment for preterm labor unless specifically recommended by a healthcare provider.
- Heart conditions: In patients with arrhythmias or other significant heart conditions.

# **Warnings and Precautions:**

 Cardiovascular conditions: Isoxsuprine should be used cautiously in patients with pre-existing heart conditions, such as

- arrhythmias or a history of myocardial infarction.
- Hypotension: Caution is advised as Isoxsuprine can cause a drop in blood pressure due to vasodilation, leading to dizziness or fainting.
- Use in elderly: Elderly patients may be more sensitive to the effects of Isoxsuprine, particularly regarding cardiovascular side effects.
- Pregnancy and breastfeeding:
   Isoxsuprine should only be used during pregnancy or breastfeeding when clearly needed and under the supervision of a healthcare provider, as its safety has not been fully established in these populations.
- Renal or hepatic impairment: Use with caution in patients with liver or kidney impairment, as it may affect the metabolism and excretion of the drug.

## **Side Effects:**

- Common: Mild dizziness, headache, or nausea.
- Less common: Tachycardia (increased heart rate), palpitations, and hypotension.
- Serious: Severe allergic reactions (e.g., rash, itching, difficulty breathing), chest pain, or worsening of cardiovascular symptoms.
- Gastrointestinal: Some patients may experience abdominal discomfort, bloating, or indigestion.

## **Storage:**

- Store the tablets at room temperature (between 15°C to 30°C), away from moisture and heat.
- Keep the tablets tightly closed and out of the reach of children.
- Do not use the product after the expiration date.

#### Note:

Isoxsuprine (40 mg) tablet is a prescription-only medication and should be taken as directed by a healthcare professional. Patients should be monitored for potential side effects, particularly related to blood pressure and heart rate, during the course of treatment. Always inform your healthcare provider about any other medications being taken, especially for cardiovascular conditions.

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