

Utilair 10 Tablet

Ritodrine 10 mg Tablet

Generic Name:

Ritodrine

Strength:

10 mg

Formulation:

Oral tablet

Uses:

Ritodrine 10 mg tablet is primarily used as a **tocolytic agent**, which means it is used to **relax the muscles of the uterus** and prevent premature labor. It is typically prescribed for the following conditions:

1. Preterm Labor (Preterm Birth Prevention):

- Ritodrine is used to **delay preterm labor** in pregnant women. It works by inhibiting uterine contractions, helping to extend the pregnancy for as long as possible to allow the fetus more time to develop.
 - It is often used when labor begins too early (before 37 weeks of gestation).
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Mechanism of Action:

Ritodrine is a **beta-adrenergic agonist**. It works by stimulating **beta-2 adrenergic receptors** in the smooth muscles of the uterus. This stimulation helps relax the uterine muscles, thereby **suppressing uterine contractions** and delaying premature labor.

Dosage:

- **Typical Dose for Preterm Labor Prevention:**
 - **10 mg**, taken orally as a single dose.
 - Dosing frequency and duration will depend on the specific treatment regimen prescribed by the healthcare provider. Generally, it may be taken **every 4-6 hours** or as directed.
 - **Adjustments:** The dosage may be adjusted based on the patient's response to treatment and the severity of preterm labor.
 - It is important to follow the healthcare provider's instructions carefully when taking this medication.
 - **Administration:**
 - Swallow the tablet whole with a glass of water.
 - Ritodrine can be taken **with or without food**.
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Precautions:

- **Pregnancy and Breastfeeding:**
 - Ritodrine is used **during pregnancy** to prevent preterm labor, but it should only be used under medical supervision.
 - The safety of Ritodrine during breastfeeding is not fully established, so it should be used with caution in breastfeeding mothers.
- **Heart Disease:**
 - Ritodrine should be used with caution in women with **pre-existing heart conditions**, such as **hypertension** or **arrhythmias**, as it may increase the risk of cardiovascular side effects.
- **Diabetes:**
 - Ritodrine can affect **blood sugar levels**, so it should be used with caution in women with **diabetes** or those at risk of **gestational diabetes**.
- **Electrolyte Imbalance:**
 - Close monitoring of **electrolytes** (such as potassium and magnesium) is important, as Ritodrine can cause imbalances.

Side Effects:

- **Common:**
 - Increased heart rate (tachycardia)
 - Palpitations
 - Tremors (shaking)
 - Nausea or vomiting
 - Headache
 - Dizziness or lightheadedness
- **Less Common:**
 - Increased blood sugar levels
 - Fluid retention or swelling in the hands, feet, or legs
 - Shortness of breath
 - Chest pain
- **Serious (Seek Medical Attention):**
 - **Severe allergic reactions** (rash, itching, swelling of the face or throat, difficulty breathing)
 - **Severe heart-related symptoms** (chest pain, irregular heartbeat, severe palpitations)
 - **Severe fluid retention** leading to significant weight gain or difficulty breathing

Drug Interactions:

Ritodrine may interact with other medications, including:

- **Beta-blockers** (e.g., propranolol, metoprolol):
 - These medications can reduce the effectiveness of Ritodrine in preventing preterm labor and may increase the risk of cardiovascular side effects.
- **Antidiabetic Medications:**
 - Ritodrine may affect **blood glucose levels**, so individuals using insulin or oral antidiabetic medications may need adjustments to their treatment.
- **Other Tocolytic Medications:**
 - Combining Ritodrine with other tocolytic medications may increase the risk of side effects such as **cardiovascular problems** or **electrolyte imbalances**.

Always inform your healthcare provider about any other medications you are taking, including over-the-counter drugs and supplements.

Storage:

- Store at **20°C to 25°C** (68°F to 77°F).
- Keep in a dry place, away from moisture and light.
- Keep out of reach of children.

Note:

- Ritodrine is **not a long-term solution** for preterm labor and is typically used only for a short period under close medical supervision.
- **Monitoring:** Patients receiving Ritodrine should be carefully monitored for side effects, particularly cardiovascular symptoms such as increased heart rate, and changes in blood sugar levels.
- **Discontinuation:** If Ritodrine is not effective or if severe side effects occur, the healthcare provider may adjust the treatment regimen or discontinue the medication.

Manufactured in India for:

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Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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