

Peblegest H 250 Injection

Hydroxyprogesterone (250 mg) Injection

procedures such as in vitro fertilization (IVF), to enhance uterine receptivity for implantation.

Description:

Hydroxyprogesterone (250 mg) injection is a synthetic form of the naturally occurring hormone progesterone. It is used primarily in the management of various gynecological and obstetric conditions, including preventing preterm labor and managing certain menstrual disorders.

Composition:

- **Hydroxyprogesterone: 250 mg per 1 ml of injection**
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Indications:

Hydroxyprogesterone injection is indicated for:

- 1. Prevention of Preterm Labor:**
 - For women at high risk of preterm birth, Hydroxyprogesterone is used to help prevent early labor and increase the chances of a full-term pregnancy.
- 2. Management of Amenorrhea and Abnormal Uterine Bleeding:**
 - It is used in certain cases of secondary amenorrhea (absence of menstruation) and abnormal uterine bleeding due to hormonal imbalances.
- 3. Support in Assisted Reproductive Technologies (ART):**
 - Hydroxyprogesterone may be used to support the luteal phase in ART

Mechanism of Action:

Hydroxyprogesterone is a synthetic progestin, similar to the naturally occurring progesterone hormone. It exerts its effects by:

- 1. Preventing Uterine Contractions:** By modulating progesterone receptors, Hydroxyprogesterone helps maintain a relaxed state of the uterus, reducing the risk of premature contractions and preterm labor.
 - 2. Regulating Menstrual Cycles:** In cases of hormonal imbalance, it helps regulate the menstrual cycle by influencing the endometrial lining and maintaining appropriate levels of progesterone.
 - 3. Supporting Pregnancy:** It promotes an optimal environment for pregnancy by helping maintain the uterine lining and preventing early miscarriage in some high-risk pregnancies.
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Dosage and Administration:

- **Prevention of Preterm Labor:**
 - The typical dose for prevention of preterm labor is 250 mg administered once a week by intramuscular injection.
 - Treatment is typically continued until 37 weeks of gestation or as directed by the healthcare provider.

- **Management of Amenorrhea and Abnormal Uterine Bleeding:**
 - 250 mg to 500 mg may be administered intramuscularly depending on the severity of the condition.
- **Assisted Reproductive Technologies (ART):**
 - Dosing schedules are individualized and are typically determined by the fertility specialist based on the patient's cycle and treatment plan.

Note:

- The injection is usually administered by a healthcare professional, and the dosage may vary based on the specific condition and the patient's response to treatment.
- It is important to follow the prescribed schedule and not miss any doses to ensure optimal results.

Side Effects:

- **Common:**
 - Pain, redness, or swelling at the injection site or dizziness.
 - Nausea or vomiting.
- **Serious but Rare:**
 - Deep vein thrombosis (DVT) or pulmonary embolism (PE), especially in women with a history of blood clots.
 - Liver dysfunction: Symptoms like yellowing of the skin or eyes (jaundice), dark urine, or unexplained fatigue.
 - Allergic reactions: Rash, itching, swelling, or difficulty breathing.

Precautions:

1. **Allergic Reactions:**
Hydroxyprogesterone should be used

- with caution in individuals with known hypersensitivity to progestins or any of the ingredients in the injection.
2. **Blood Clotting Disorders:** Use with caution in patients with a history of blood clots, stroke, or heart disease, as Hydroxyprogesterone may increase the risk of thromboembolic events.
3. **Liver Function:** Monitor liver function in patients with existing liver disease or those receiving long-term treatment with Hydroxyprogesterone.
4. **Pregnancy and Breastfeeding:** Hydroxyprogesterone should only be used during pregnancy under medical supervision. It is generally considered safe for use in pregnancy when prescribed for the prevention of preterm labor.

Storage:

- Store Hydroxyprogesterone injection at room temperature (15-30°C), away from direct heat and light.
- Do not freeze.
- Keep the vial tightly closed

Note:

Hydroxyprogesterone injection should be administered under the guidance of a healthcare provider, especially in pregnant women, to ensure the safety of both mother and baby.

Manufactured in India for:


CafoliTM
L I F E C A R E
Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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