

Prostrenol tablets

Allylestrenol 5 mg Tablets



Composition and excipients:

Each tablet contain Allylestrenol 5 mg.

Excipients: Lactose, pregelatinized corn starch, magnesium stearate.

Mechanism of Action:

Allylestrenol is similar in structure and function to progesterone. It prepares the uterus for receiving the fertilized ovum and suppresses uterine motility. Progesterone binds to the progesterone and estrogen receptors. Target cells include the female reproductive tract, the mammary gland, the hypothalamus, and the pituitary. Once bound to the receptor, progestins like Progesterone will slow the frequency of release of gonadotropin releasing hormone (GnRH) from the hypothalamus and blunt the pre-ovulatory LH (luteinizing hormone) surge. In women who have adequate endogenous estrogen, progesterone transforms a proliferative endometrium into a secretory one. Progesterone is essential for the development of decidual tissue and is necessary to increase endometrial receptivity for implantation of an embryo. Once an embryo has been implanted, progesterone acts to maintain the pregnancy. Progesterone also stimulates the growth of mammary alveolar tissue and relaxes uterine smooth muscle. It has little estrogenic and androgenic activity.

Indications:

It is used for miscarriage prevention, prevention of premature labour and has been investigated for possible use in men for treatment for benign prostatic hyperplasia.

Contraindications

Hypersensitivity, thrombophlebitis, undiagnosed vaginal bleeding, incomplete abortion, hormone-dependent carcinoma, cerebral apoplexy, severe hepatic impairment.

Adverse reactions:

GI disturbances, appetite/weight change, fluid retention, oedema, acnes, skin rash, urticarial, depression, headache, fever, fatigue, breast changes, hirsutism, changes in libido, altered menstrual cycles or irregular menstrual bleeding (rare).

Drug Interactions:

Enhanced clearance with enzyme-inducing drugs eg, carbamazepine, griseofulvin, phenobarbital, phenytoin and rifampicin. Ketoconazole may increase bioavailability of progesterone. It Increased ciclosporin concentration (potentially fatal).

Precautions:

- The drug should be Discontinued if there is sudden partial or complete loss of vision, proptosis or diplopia; migraine and embolic disorders; epilepsy, asthma, cardiac or renal dysfunction, History of depression, diabetic patients.
- It May impair ability to drive or operate machinery.
- Sudden withdrawal of Allylestrenol should be avoided as it leads to intermittent breakthrough bleeding;
- Patient should be cautious during lactation as it may affect the nursing infants.

Dosage and administration:

5 mg tid for 5-7 days, May be taken with or without food. It may be taken with meals if GI upset occurs.

Storage conditions: Store below 25° C, in a dry place.

Packaging: Two PVC-Alu blisters each contains 10 tablets packed in a cardboard box.



Manufactured & MAH by: **IDM** International Drug Manufacturing - Aleppo - Syria

