

# Geston™

Allylestrenol

## COMPOSITION

**Geston™ Tablet:** Each tablet contains Allylestrenol INN 5 mg.

## PHARMACOLOGY

Allylestrenol is a synthetic progesterone derivative that is used to treat threatened pregnancies. It can stop occurring premature labor and can help women give birth to a healthy newborn. It stimulates the secretory phase in myometrium, creates conditions for development of fertilized ovum. It has a tocolytic effect; reduces sensitivity of myometrium to oxytocin. It stimulates the development of acinus of mammary glands, secretory activity of trophoblasts, and development of aldosterone by adrenal glands. Allylestrenol also has a selection of  $\beta$  - adrenergic effect. In this way, it stimulates the synthesis of the body's placental progesterone, therefore increasing the secretion of placental hormones.

## INDICATIONS

- Intra Uterine Growth Retardation (IUGR)
- Threatened abortion
- Habitual abortion
- Threatened premature delivery

## DOSAGE & ADMINISTRATION

*Intra Uterine Growth Retardation:*

1 tablet three times a day at least two months. Dose to be reduced if symptoms improve.

*Threatened abortion:*

1 tablet three times daily until symptoms disappear.

*Habitual abortion:*

1 - 2 tablets daily as soon as pregnancy is diagnosed. The administration should be continued for at least one month after the end of the critical period.

*Threatened premature delivery:*

Dosage must be determined individually. High dosages (up to 40 mg daily) have been used.

In case of a **missed dose**, it should be taken as soon as the patient remembers & she should continue the regular dosing schedule. A double dose is not recommended.

## CONTRAINDICATIONS

Hypersensitivity; thrombophlebitis; undiagnosed vaginal bleeding, incomplete abortion, hormone-dependent carcinoma, cerebral apoplexy, as a diagnostic test for pregnancy; severe hepatic impairment.

## USE IN PREGNANCY & LACTATION

Allylestrenol is specifically designed to be taken during pregnancy. It should be discontinued after delivery as it may affect a nursing infant to a small but noticeable degree.

## USE IN CHILDREN

It should not be used for children younger than 16 years old.

## SIDE EFFECTS

Treatment with Allylestrenol (especially a long term treatment) is known to cause some gastrointestinal complaints such as vomiting, nausea, and sometimes epigastric discomfort.

## WARNING & PRECAUTIONS

Patients with the following conditions should be cautious:

Heart disease, congestive heart failure, sick sinus syndrome, coronary artery disease, seizures, epilepsy, renal dysfunction, migraine headaches, or breathing diseases including asthma, emphysema, chronic bronchitis, or COPD, breast-feeding.

## OVERDOSE

Symptoms of overdose may include unusual drowsiness; rapid pulse; fainting; unusual muscle movement or rigidity of the face, neck, or limbs; seizures; and loss of consciousness.

## STORAGE CONDITION

Store in a cool & dry place protected from light & moisture. Keep out of reach of the children.

## HOW SUPPLIED

**Geston™ Tablet:** Each box contains 3 x10 tablets in blister pack.

Manufactured by :



**SQUARE**  
PHARMACEUTICALS LTD.  
BANGLADESH

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