

60 mm

Chorionic Gonadotropin Injection

PUBERGEN®

AQUA For IM use only

DESCRIPTION :
PUBERGEN® AQUA is a aqueous preparation of Human Chorionic Gonadotrophin (hCG), obtained from the urine of pregnant women. It is a sterile and pyrogen free product.

The action of **PUBERGEN® AQUA** (hCG) is virtually identical to that of pituitary LH, although hCG appears to have a small degree of FSH activity as well. It stimulates production of gonadal steroid hormones by stimulating the interstitial cells (leydig cells) of the testes to produce androgens and the corpus luteum of the ovary to produce progesterone.

ADMINISTRATION :
PUBERGEN® AQUA is to be drawn into syringe and injected intramuscularly.

INDICATIONS IN FEMALE :
 To induce ovulation in cases of

- Anovulatory infertility or impaired follicle ripening
- In controlled hyperstimulation regimens to prepare the follicles for puncture
- In habitual / recurrent abortion.

INDICATIONS IN MALE :

- Hypogonadotrophic Hypogonadism.
- Delayed puberty associated with insufficient gonadotrophic pituitary function.
- Cryptorchidism, not due to any anatomical obstruction.
- Sterility due to deficient Spermatogenesis.

DOSAGE IN FEMALES :
 The dosage regimen employed in any particular case will depend upon the indication for use, the age and weight of the patient, and the physician's preference. The following regimens have been advocated by various authorities. Induction of ovulation and pregnancy in the anovulatory, infertile woman in whom the cause of anovulation is secondary and not due to primary ovarian failure.

5000 to 10000 IU one injection on 12th day of menstrual cycle or when the Graafian follicle attains a size ≥ 18 mm.

HABITUAL / RECURRENT ABORTIONS :
 Once pregnancy is confirmed inject 5000 IU of **PUBERGEN® AQUA** per day on three alternate days. From the 9th day of the first injection 2000 IU twice a week, till the 14th week of pregnancy.

140 mm

For the use of a Registered Medical Practitioner
or a Hospital or a Laboratory

DOSAGE IN MALES:
PUBERGEN® AQUA 5000 IU twice weekly for 12 weeks and may have to be continued even upto 1 year to improve semen quality.

PRECAUTIONS :
 Induction of androgen secretion by Chorionic gonadotrophin may induce precocious puberty in patients for Cryptorchidism. If signs of precocious puberty occur therapy should be discontinued. Since androgen may cause fluid retention, chorionic gonadotrophin should be used with caution in patients with epilepsy, migraine, asthma, cardiac or renal disease.

ADVERSE REACTIONS :
 Headache, irritability, edema, restlessness, depression, tiredness, precocious puberty, gynaecomastia and pain at the site of injection.

CONTRAINDICATIONS :
 Precocious puberty, prostatic carcinoma or other androgen dependent neoplasia, prior allergic reaction to Chorionic Gonadotrophin.

WARNING :
 hCG should be used by physicians experienced with infertility problems. The principal reactions during the use are :

1. Ovarian enlargement, ascites, with or without pain and/ or pleural effusion.
2. Rupture of ovarian cysts with resultant haemoperitoneum.
3. Multiple births.
4. Arterial thromboembolism.
5. Ovarian hyper stimulation syndrome.

PRESENTATION :
 Each box contains 5 Vials of hCG 5000 IU / 1mL

STORAGE:
 Store between 2°C to 8°C, Do not freeze.

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Manufactured & Marketed by :
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Sanzyme (P) Ltd.
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60 X 140 mm

<i>CHECKED & APPROVED BY:</i>		<i>COLOR</i>	■ Black			
<i>GRAPHICS</i>	<i>PROD.</i>	<i>Q.C</i>	<i>MARK.</i>	<i>QA</i>	<i>MANUFACTURER</i>	Sanzyme (P) Ltd.
					<i>PRODUCT</i>	
					<i>JOB CODE</i>	SPL/DO/PA/5K/PI/003/A/E15