

*For the use only of a Registered Medical Practitioner or a Hospital or a Laboratory.*

## Chorionic Gonadotrophin Injection I.P.

**HUCOG<sup>®</sup>**

**2000 HP / 5000 HP / 10000 HP**

### Highly Purified Chorionic Gonadotrophin Injection

**Freeze Dried**

For Intramuscular Injection only

#### **Composition :**

Each vial contains :

Chorionic Gonadotrophin I.P. .... 2000 I.U. / 5000 I.U. / 10000 I.U.

#### **Excipients :**

Mannitol I.P., Sucrose I.P., Sodium Ascorbate I.P., Anhydrous Di-sodium Hydrogen Phosphate I.P. and Phosphoric Acid I.P.

Each vial of **HUCOG HP** contains Highly Purified Chorionic Gonadotrophin and each vial is accompanied by an ampoule of Sodium Chloride Injection I.P. 1ml.

One IU of Chorionic Gonadotrophin is defined as the activity contained in 1.279 mg of the 2nd International Standard Preparation.

#### **Properties :**

Chorionic Gonadotrophin (HCG) is a hormonal substance obtained from urine of pregnant women. Its action is predominantly luteinizing.

#### **Indications :**

##### **Anovulatory infertility :**

In the female, **HUCOG HP** is used in the treatment of anovulatory infertility. Where its administration would form part of recognized treatment regimen involving prior stimulation of follicular maturation and endometrial proliferation e.g. with Menotropin Injection (**HUMOG HP**).

##### **Hypogonadotrophin hypogonadism and cryptorchidism :**

In the male, **HUCOG HP** stimulates the interstitial cells of the testes and consequently the secretion of androgens and the development of secondary sexual characteristics. With concomitant Menotropin Injection therapy, **HUCOG HP** stimulates the induction and maintenance of spermatogenesis.

#### **Dosage and Administration :**

**HUCOG HP** is given by subcutaneous / intramuscular injection only. The injection should be reconstituted with Sodium Chloride Injection I.P. provided, immediately prior to use.

##### **Anovulatory infertility :**

**HUCOG HP** 10000 I.U. is administered in mid-cycle, following treatment with Menotropin Inj. (**HUMOG HP**) according to a recognised scheme. Details of Menotropin Inj. (**HUMOG HP**) dosage and monitoring are available on request.

##### **Hypogonadotrophic hypogonadism :**

**HUCOG HP** 2000 I.U. twice weekly concomitant with Menotropin Inj. (**HUMOG HP**) (1 vial three times a week) if necessary for a minimum period of four months.

**Cryptorchidism :**

Equivalent to 1000 I.U. of **HUCOG HP** on alternate days for several weeks.

**Contra-Indication and Warnings :**

Stimulation of ovulation with **HUCOG HP** may lead to superovulation and the hyperstimulation syndrome. Oestrogen assays will detect the excessive response so that **HUCOG HP (HCG)** may be withheld in that particular treatment cycle. In the male, high dosages of **HUCOG HP** may lead to oedema and in such cases dosages should be considerably reduced.

If signs of sexual precocity are observed a reduced dosage regimen should be instituted.

**Storage :**

Vials of **HUCOG HP** should be Store between 2°C - 8°C. Do not freeze. Protect from light. Reconstituted solution should be used immediately after preparation; any unused portion should be discarded.

**Presentation :**

**HUCOG HP** is supplied in vials containing sterile, freeze dried powder having activity of 2000 I.U. / 5000 I.U. / 10000 I.U. Each vial is accompanied by an ampoule containing 1ml of Sodium Chloride Injection I.P.

Manufactured in India by :

**BHARAT SERUMS AND VACCINES LIMITED**

Plot No. K-27, Additional M.I.D.C., Ambernath (E) - 421 501