

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

HUMAN CHORIONIC GONADOTROPHIN INJECTION

HuCoG

(For Intramuscular Injection Only)



CHORIONIC GONADOTROPHIN INJECTION I.P.

DESCRIPTION:

Vials of **HuCoG**[®] Injection contains Human Chorionic Gonadotrophin (HCG) as a white, freeze- dried, sterile and pyrogen - free power.

Three strengths are available: 2000, 5000 & 10000 I.U.

ADDED SUBSTANCES:

Lactose I.P.

Disodium hydrogen phosphate I.P.

Sodium dihydrogen phosphate I.P.

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

Each vial of **HuCoG**[®] (HCG) is accompanied by a solvent ampoule containing 1 ml of isotonic, sterile and pyrogen free sodium Chloride Injection solution.

PROPERTIES:

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

INDICATIONS:

Anovulatory Infertility

In female patient, **HuCoG**[®] Inj. is used in the treatment of a anovulatory infertility, where its administration would form part of recognized treatment regimen involving the prior stimulation of follicular maturation and endometrial proliferation e.g. with Menotropin Injection (**HuMoG**[®]).

Hypogonadotropic hypogonadism and cryptorchidism:

In male patient, **HuCoG**[®] Inj. stimulates the interstitial cells of the testes and consequently the secretion of androgens and the development of secondary sexual characteristics.

With concomitant Menotropin Inj. (**HuMoG**[®]) therapy, **HuCoG**[®] Inj. stimulates the induction and maintenance of spermatogenesis. **HuCoG**[®] is also indicated in the treatment of hypogonadotropic hypogonadism and cryptorchidism

DOSAGE AND ADMINISTRATION:

HuCoG[®] is given by intramuscular Injection only. The injection should be reconstituted with solvent and it should be prepared just prior to use.

Anovulatory Infertility:

HuCoG[®] Inj. 10000 I.U. is administered in mid-cycle, following treatment with Menotropin Inj. (**HuMoG**[®]) according to a recognized scheme. Details of Menotropin Inj. (**HuMoG**[®]) dosages and monitoring are available on request.

Hypogonadotropic hypogonadism:

HuCoG[®] IM Inj. 500-4000 I.U. thrice weekly for 6 to 9 months with serum testosterone levels regularly monitored and concomitant use of **HuMoG**[®] (Menotropin Inj.) one vial three times a week, is often added to enable spermatogenesis.

Cryptochidism:

HuCoG[®] Inj. 1000 I.U. is injected on alternate days for several weeks.

CONTRAINDICATION AND WARNINGS:

Stimulation of ovulation with **HuMoG**[®] may lead to super ovulation and the hyper-stimulation syndrome. Oestrogen assays will detect and excessive response so that **HuCoG**[®] Inj. (HCG) may be withheld in that particular treatment cycle. In the male, high dosages of **HuCoG**[®] Inj. 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**[®] Inj. should be stored at 2^o-8^oC protected from light. Solution of **HuCoG**[®] reconstituted in physiological sodium chloride solution and should be used immediately after preparation. Discard any unused portion.

PRESENTATION:

HuCoG[®] Inj. 2000 I.U. / 5000 I.U. / 10000 I.U. packed as a single vial and it is accompanied by one ampoule of 1 ml. Sodium Chloride Injection as solvent.

Drugs should be stored out of reach of children.



Marketed in India by:

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