

HUMAN CHORIONIC GONADOTROPHIN (HCG) HORMONE:

Class: □ Gonadotropin; Ovulation Stimulator

Indications:

Induces ovulation and pregnancy in anovulatory, infertile females; treatment of hypogonadotropic hypogonadism, prepubertal cryptorchidism; spermatogenesis induction with follitropin alfa

Available dosage form in the hospital:

HUMAN CHORIONIC GONADOTROPHIN (HCG) HORMONE 5000 IU AMP, HUMAN CHORIONIC GONADOTROPHIN (HCG) HORMONE 1500 IU AMP

Trade Names:

Dosage: Adult

Induction of ovulation: Females: I.M.: 5000-10,000 units 1 day following last dose of menotropins

Spermatogenesis induction associated with hypogonadotropic hypogonadism: Males: Treatment regimens vary (range: 1000-2000 units 2-3 times a week). Administer hCG until serum testosterone levels are normal (may require 2-3 months of therapy), then may add follitropin alfa or menopausal gonadotropin if needed to induce spermatogenesis; continue hCG at the dose required to maintain testosterone levels.

Common side effect: Frequency not always defined.

Cardiovascular: Edema

Central nervous system: Depression, fatigue, headache, irritability, restlessness

Endocrine & metabolic: Gynecomastia, precocious puberty

Local: Injection site reaction, pain at injection site

Miscellaneous: Hypersensitivity reaction (local or systemic)

<1% (Limited to important or life-threatening): Arterial thrombus, ovarian cyst rupture, ovarian hyperstimulation syndrome.

Pregnancy Risk Factor: X