

# HIGHLY PURIFIED Inceptova<sup>®</sup> HCG Chorionic Gonadotropin Injection



## Description<sup>1</sup>

Human Chorionic Gonadotropin (HCG) is given as an injection under the skin or into a muscle. HCG is a hormone that supports the normal development of an egg in a woman's ovary and stimulates the release of the egg during ovulation. HCG helps to become pregnant.

## Composition

Each vial of sterile freeze-dried product contains:

HCG IP	2000/5000/10000 IU
Mannitol IP	q.s
Potassium dihydrogen phosphate BP	q.s
Dipotassium hydrogen phosphate BP	q.s

## Indications<sup>2</sup>

For the treatment of prepubertal cryptorchidism (not due to anatomical obstruction), for the treatment of selected cases of hypogonadotropic hypogonadism (hypogonadism secondary to a pituitary deficiency) in males and for the 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, and who has been appropriately pretreated with human menotropins.

## Dosage<sup>1</sup>

### Usual Adult Dose for Ovulation Induction

HCG: 5000–10,000 units IM once 1 day following the last dose of Menotropins

### Usual Adult Dose for Hypogonadism – Male

500–1000 units IM 3 times a week for 3 weeks, then 500–1000 units IM 2 times a week for 3 weeks or 4000 units IM 3 times a week for 6–9 months, then 2000 units IM 3 times a week for 3 months.

## Usual Pediatric Dose for Prepubertal Cryptorchidism

Four years and older: 4000 units IM 3 times a week for 3 weeks or 5000 units IM every other day for 4 injections or 500–1000 units IM for 15 injections over a period of 6 weeks or 500 units IM 3 times a week for 4–6 weeks; if unsuccessful, patients should be given an additional series using 1000 units starting 1 month later.

## Precautions/Warnings<sup>1</sup>

- Hypersensitivity: Anaphylaxis has been reported with urinary-derived HCG products.
- Thromboembolism: Arterial or venous thromboembolism may occur, patients with a history of family history of thrombosis, severe obesity or thrombophilia are at an increased risk.

## Disease-Related Concerns:

- Asthma: Use with caution in patients with asthma.
- Cardiovascular disease: Use with caution in patients with cardiovascular disease.
- Cryptorchidism: May induce precocious puberty in children being treated for cryptorchidism. Discontinue if signs of precocious puberty occur.
- Migraine: Use with caution in patients with a history of migraines.
- Renal impairment: Use with caution in patients with renal impairment.
- Seizure disorders: Use with caution in patients with a history of seizure disorders.

## Undesirable Effects

For females only

### More Common

Bloating (mild), stomach or pelvic pain

### Less Common or Rare

Abdominal or stomach pain (severe); bloating (moderate to severe); decreased amount of urine; feeling of indigestion; nausea, vomiting, or diarrhea (continuing or severe); pelvic pain (severe); shortness of breath; swelling of feet or lower legs; weight gain (rapid).

For boys only

### Less Common

Acne; enlargement of penis and testes; growth of pubic hair; increase in height (rapid)

### Frequency not Determined

Difficult or labored breathing, sudden, unexplained shortness of breath; flushing of skin, itching of skin, redness of skin, skin rash; hives or welts, hive-like swelling on face, eyelids, lips, tongue, throat, hands, legs, feet, sex organs; pain in chest, groin or legs, especially

the calves; severe, sudden headache; slurred speech; sudden loss of coordination, sudden, severe weakness or numbness in arm or leg; tightness in chest; unusually warm skin; vision changes; wheezing.

## Contraindications

- Hypersensitivity to chorionic gonadotropin or any component of the formulation
- Precocious puberty
- Prostatic carcinoma or other androgen-dependent neoplasms.
- Prepubertal males with signs of anatomical obstruction; sex hormone-dependent tumors (e.g. ovary, breast and uterine carcinoma in females; breast carcinoma males); malformations of the sexual organs incompatible with pregnancy; fibroid tumors of the uterus incompatible with pregnancy.

## Special Precautions for Storage

Store at intact vials at 15°C to 30°C (59°F to 86°F).

Following reconstitution, solution is stable when refrigerated [2°C to 8°C (36°F to 46°F)].

### References

1. <https://www.drugs.com/mtm/human-chorionic-gonadotropin-hcg-injectable.html>
2. <https://www.drugbank.ca/drugs/DB09126>

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