

# Feriedge HCG 5000 Injection

## Human Chorionic Gonadotropin (hCG) 5000 Units Injection

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### Description

**Human Chorionic Gonadotropin (hCG) 5000 Units Injection** is a hormone-based medication used in various medical treatments related to fertility, hormonal imbalances, and certain medical conditions. hCG is a naturally occurring hormone in the body, primarily produced during pregnancy, and plays a critical role in the regulation of reproductive functions. The 5000 IU (International Units) formulation is commonly prescribed to support ovulation in women and improve sperm production in men.

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### Composition (Per Vial/Injection)

- **Human Chorionic Gonadotropin (hCG) 5000 IU**
    - A highly purified form of human chorionic gonadotropin, produced through recombinant technology. It stimulates the gonads (ovaries or testes) to release eggs or sperm by mimicking the effects of luteinizing hormone (LH) and follicle-stimulating hormone (FSH).
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### Indications

**Human Chorionic Gonadotropin (hCG) 5000 IU Injection** is indicated for:

- **Ovulation Induction in Women:** Used to trigger ovulation in women undergoing fertility treatments, especially those with anovulation (lack of ovulation).
- **Assisted Reproductive Techniques (ART):** Commonly used in in-vitro

fertilization (IVF) and intrauterine insemination (IUI) cycles to induce final maturation of the eggs.

- **Testicular Dysfunction in Men:** Used to stimulate sperm production in men with low testosterone levels or other reproductive system issues, such as hypogonadism.
  - **Cryptorchidism (Undescended Testicles) in Children:** Used to stimulate the descent of testicles in young boys with undescended testes.
  - **Hormonal Imbalances:** Treatment of certain conditions related to hormonal deficiencies in both men and women, particularly those affecting the reproductive system.
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### Dosage and Administration

- **For Ovulation Induction:**
  - Women undergoing fertility treatment (e.g., in IVF or IUI): 5000 IU to 10000 IU injected intramuscularly or subcutaneously at the time when ovulation is triggered as per the treatment protocol.
  - Typically administered after follicle development is monitored via ultrasound or blood tests.
- **For Male Hypogonadism and Spermatogenesis:**
  - Men: 5000 IU to 10000 IU injected intramuscularly or subcutaneously 2-3 times per week, or as directed by a healthcare provider. This treatment is often combined with other hormonal therapies to restore sperm production.
- **For Cryptorchidism (Undescended Testicles) in Children:**
  - The usual dose is 1000–5000 IU injected intramuscularly once a

day for 3–5 days, depending on the doctor's recommendation.

- **Administration Method:**
    - The injection is typically administered by a healthcare provider, but it may also be administered at home under medical supervision if instructed.
    - It is given as an intramuscular (IM) or subcutaneous (SC) injection, depending on the prescribed method.
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## Contraindications

- **Pregnancy:** Should not be used during pregnancy unless prescribed for specific medical reasons (e.g., in rare cases for treatment of infertility).
  - **Allergic Reactions:** Known hypersensitivity to human chorionic gonadotropin (hCG) or any of its excipients.
  - **Ovarian Cysts or Tumors:** In women with ovarian cysts or unexplained vaginal bleeding.
  - **Precocious Puberty or Early Sexual Development:** Not recommended for use in prepubertal children unless for the treatment of undescended testicles under medical supervision.
  - **Prostate Cancer:** In men with prostate cancer or other hormone-sensitive cancers, hCG should be used cautiously.
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## Warnings and Precautions

1. **Ovarian Hyperstimulation Syndrome (OHSS):**
  - A serious condition that may occur in women undergoing fertility treatments. Symptoms include abdominal pain, bloating, nausea, vomiting, and shortness of breath. Immediate medical attention is required if any of these symptoms occur.

## 2. Multiple Pregnancies:

- Use of hCG may increase the risk of multiple pregnancies (twins, triplets, etc.), which carries higher health risks for both mother and babies.

## 3. Thromboembolic Disorders:

- Women who are at risk for thromboembolic events (blood clots) should be monitored closely, as fertility treatments with hCG may increase this risk.

## 4. Testicular Health:

- In men using hCG for testosterone production or spermatogenesis, regular monitoring is essential for assessing the effectiveness and any side effects on testicular function.
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## Side Effects

Common side effects include:

- **Women:**
  - Abdominal discomfort, bloating, or mild cramps.
  - Headache, mood swings, or irritability.
  - Tenderness or swelling at the injection site.
  - Rarely, nausea or dizziness.
- **Men:**
  - Injection site reactions such as pain or swelling.
  - Headaches, irritability, or mood changes.
  - Gynecomastia (enlargement of breast tissue in men) or fluid retention.

Serious side effects (though rare):

- **Ovarian Hyperstimulation Syndrome (OHSS):** Abdominal swelling, pain, or shortness of breath.
- **Severe allergic reactions:** Rash, itching, swelling, or difficulty breathing.
- **Multiple pregnancies:** Risk of twins or triplets in fertility treatments.

**fertility specialist or endocrinologist if you have any concerns or questions regarding the use of this medication.**

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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Panchkula-134113

TM: Trademark Applied for

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## **Drug Interactions**

- **Other Hormonal Therapies:** Use of hCG in combination with other fertility medications (e.g., clomiphene citrate, gonadotropins) should be monitored carefully to avoid ovarian hyperstimulation syndrome or other complications.
- **Steroid Medications:** Care should be taken when hCG is used in conjunction with anabolic steroids, as they may interact to influence hormonal balance.

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## **Storage Instructions**

- **Store in a refrigerator at 2°C to 8°C (36°F to 46°F).**
- **Do not freeze.**
- **Keep the vial in the original packaging to protect it from light.**
- **Keep out of reach of children.**
- **Discard any unused portions of the medication as instructed by a healthcare provider.**

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## **Presentation**

- **Pack size:** Available in 1 vial (5000 IU) per box.
- **Injection Type:** The medication is presented in a vial with powder for reconstitution before use. The solution is mixed with a diluent as instructed prior to administration.

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## **Note:**

**Human Chorionic Gonadotropin (hCG) 5000 IU Injection is intended for use under the supervision of a healthcare provider. It is important to follow the prescribed dosage and administration instructions. Always consult a**