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# Gonal-F

**Generic name:** [follicle stimulating hormone](#) [ FOL-ik-al-STIM-ue-lay-ting-HOR-mone ]

**Brand names:** [Follistim AQ Cartridge](#), [Gonal-F](#), [Gonal-f RFF](#)

**Drug class:** [Gonadotropins](#)



[Medically reviewed](#) by Drugs.com on Feb 4, 2025. Written by [Cerner Multum](#).

[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#)

## What is Gonal-F?

Gonal-F is used to treat infertility **in women** who cannot ovulate. Gonal-F is not effective in women with [primary ovarian failure](#) (when the ovaries are unable to produce an egg).

Gonal-F is also used **in men** to stimulate sperm production. This medicine is not effective in men with primary testicular failure (when the testicles are unable to produce sperm).

Gonal-F is often used together with another medication called human chorionic gonadotropin (hCG).

Gonal-F may also be used for purposes not listed in this medication guide.

## Gonal-F side effects

Get emergency medical help if you have **signs of an allergic reaction:** hives; difficult breathing; swelling of your face, lips, tongue, or throat.

Some women using this medicine develop ovarian hyperstimulation syndrome (OHSS), a potentially life-threatening condition. **Stop using this medicine and call your doctor right away if you have symptoms of OHSS during or shortly after using Gonal-F:**

- severe pain in your lower stomach, nausea, [vomiting](#), [diarrhea](#);
- bloating, rapid weight gain;
- little or no urination; or
- trouble breathing.

Also call your doctor at once if you have:

- severe pelvic pain on one side;
- a cough with bloody mucus;

- fever, [sore throat](#), swollen glands;
- a lump or swelling in your testicles;
- **signs of acute respiratory distress syndrome**--fever with [shortness of breath](#) or rapid breathing; or
- **signs of a blood clot**--sudden numbness or weakness, problems with vision or speech, swelling or redness in an arm or leg.

**Common side effects of Gonal-F may include:**

- redness, swelling, or bruising where an injection was given;
- an ovarian cyst;
- [headache](#), tiredness;
- breast pain or swelling;
- stuffy nose, sneezing, sinus pain;
- acne; or
- nausea.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

 [Gonal-f side effects](#) (more detail)

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## Warnings

You should not use Gonal-F if you have an untreated or uncontrolled endocrine disorder (thyroid, pituitary gland, or adrenal gland), heavy or abnormal vaginal bleeding that has not been checked by a doctor, an ovarian cyst, or [cancer](#) of

the breast, ovary, uterus, testicle, hypothalamus, or pituitary gland.

**Do not use this medicine if you are pregnant.** You may need to have a negative pregnancy test before starting this treatment.

## Before taking this medicine

Your doctor will perform blood tests to make sure you do not have conditions that would prevent you from safely using Gonal-F.

You should not use Gonal-F if you are allergic to it, or if you have:

- an untreated or uncontrolled disorder of the thyroid, pituitary gland, or adrenal glands;
- heavy or abnormal vaginal bleeding that has not been checked by a doctor;
- an ovarian cyst;
- cancer of the breast, ovary, uterus, testicle, hypothalamus, or pituitary gland; or
- if you are allergic to [benzyl alcohol](#), follitropin, sucrose, [neomycin](#), [sodium phosphate](#), or [streptomycin](#).

**Do not use this medicine if you are already pregnant.** You may need to have a negative pregnancy test before starting this treatment. Tell your doctor right away if you become pregnant.

Tell your doctor if you have ever had:

- unusual vaginal bleeding;
- polycystic ovary disease;
- twisting (torsion) of your ovary;
- a [stroke](#) or blood clot;
- [asthma](#); or
- stomach [surgery](#).

**Fertility treatment may increase your chance of having multiple births (twins, triplets, etc).** These are high-risk pregnancies both for the mother and the babies. Talk to your doctor if you have concerns about this risk.

You should not breastfeed while using Gonal-F.

## How should I use Gonal-F?

Follow all directions on your prescription label and read all medication guides or instruction sheets. Your doctor may occasionally change your dose. Use the medicine exactly as directed.

You must remain under the care of a doctor while using Gonal-F.

Gonal-F is injected under the skin. A healthcare provider may teach you how to properly use the medication by yourself.

**Read and carefully follow any Instructions for Use provided with your medicine.** Ask your doctor or pharmacist if you don't understand all instructions.

You may need to mix Gonal-F with a liquid (diluent) before using it. When using injections by yourself, be sure you understand how to properly mix and store the medicine.

Prepare an injection only when you are ready to give it. **Do not use if the medicine looks cloudy or has particles in it.** Call your pharmacist for new medicine.

To get pregnant, you may need to have sex daily for several days in a row. The timing of sex and medication dosing is important for Gonal-F to work.

You will need frequent medical tests.

If you use this medicine to get pregnant, you may also need occasional [ultrasound](#) exams. **Based on your blood work, you may need to stop having sex for a short time.** Follow your doctor's instructions very carefully.

#### **Storing this medicine unopened (not in use):**

- Refrigerate (do not freeze) and use until [expiration date](#); or
- Store at room temperature protected from light, and use within 3 months or until expiration date.

#### **Storing this medicine opened (in use):**

- Store in a refrigerator (do not freeze), or at room temperature protected from light.
- Use within 28 days.

Take the medicine out of the refrigerator and allow it to reach room temperature before injecting your dose. Do not heat the medicine.

Use a needle and syringe only once and then place them in a puncture-proof "sharps" container. Follow state or local laws about how to dispose of this container. Keep it out of the reach of children and pets.

 [Detailed Gonal-f dosage information](#)

## **What happens if I miss a dose?**

Call your doctor for instructions if you miss a dose.

## **What happens if I overdose?**

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222.

## **What should I avoid while using Gonal-F?**

Follow your doctor's instructions about any restrictions on food, beverages, or activity.

## **What other drugs will affect Gonal-F?**

Other drugs may affect Gonal-F, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#). Tell your doctor about all your current medicines and any medicine you start or stop using.

## Does Gonal-f interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

Gonal-f

+

Enter a drug name

Add

## Gonal-f Biosimilars

Biosimilar and interchangeable products are biological products that are highly similar to and have no clinically meaningful differences from the reference product.

### Reference products

These are biological products that have already been approved by the FDA, against which biosimilar products are compared. There are 6 for Gonal-f.

#### Follistim (follitropin beta) - Organon USA Inc., a subsidiary of Merck & Co., Inc.

Formulation type	Strength
Single-Dose Vial	150 IU <b>Discontinued, Voluntarily Revoked</b>
Single-Dose Vial	75 IU <b>Discontinued, Voluntarily Revoked</b>
Follistim	

#### Follistim AQ (follitropin beta) - Organon USA Inc., a subsidiary of Merck & Co., Inc.

#### Follistim AQ Cartridge (follitropin beta) - Organon USA LLC, a subsidiary of Organon & Co.

#### Gonal-f (follitropin alfa) - EMD Serono, Inc.

#### Gonal-f RFF (follitropin alfa) - EMD Serono, Inc.

#### Gonal-f RFF RediJect (follitropin alfa) - EMD Serono, Inc.

## More about Gonal-f (follicle stimulating hormone)

- [Check interactions](#)
- [Compare alternatives](#)
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- [Side effects](#)
- [Dosage information](#)
- [During pregnancy](#)
- [Drug class: gonadotropins](#)
- [En español](#)

## Patient resources

- [Gonal-F advanced reading](#)

## Other brands

[Gonal-f RFF Redi-ject](#), [Follistim AQ](#), [Follistim AQ Cartridge](#)

## Professional resources

- [Gonal-F prescribing information](#)

## Other brands

[Follistim AQ](#)

## Other formulations

- [Gonal-f RFF](#)

## Related treatment guides

- [Ovulation Induction](#)
- [Hypogonadism, Male](#)
- [Follicle Stimulation](#)

## Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

[Medical Disclaimer](#)

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### DRUG STATUS

#### Availability

**Rx** Prescription only


**Pregnancy & Lactation**

 Risk data available

**CSA Schedule\***

**N/A** Not a controlled drug

**Approval History**

 Drug history at FDA



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