

Specialty Guideline Management

Follitropins

Hereafter, follitropin will be used to describe all products.

Products Referenced by this Document

Drugs that are listed in the following table include both brand and generic and all dosage forms and strengths unless otherwise stated. Over-the-counter (OTC) products are not included unless otherwise stated.

Brand Name	Generic Name
Follistim AQ	follitropin beta
Gonal-F	follitropin alfa

Indications

The indications below including FDA-approved indications and compendial uses are considered a covered benefit provided that all the approval criteria are met and the member has no exclusions to the prescribed therapy.

FDA-Approved Indications¹⁻⁵

- Follistim AQ is indicated for:
 - Induction of ovulation and pregnancy in anovulatory infertile women in whom the cause of infertility is functional and not due to primary ovarian failure.
 - Pregnancy in normal ovulatory women undergoing controlled ovarian stimulation as part of an in vitro fertilization (IVF) or intracytoplasmic sperm injection (ICSI) cycle.
 - Induction of spermatogenesis in men with primary and secondary hypogonadotropic hypogonadism in whom the cause of infertility is not due to primary testicular failure.
- Gonal-f is indicated for:
 - Induction of ovulation and pregnancy in oligio-anovulatory women in whom the cause of infertility is functional and not due to primary ovarian failure.

- Development of multiple follicles in ovulatory women as part of an assisted reproductive technology (ART) cycle.
- Induction of spermatogenesis in men with primary and secondary hypogonadotropic hypogonadism in whom the cause of infertility is not due to primary testicular failure.

All other indications are considered experimental/investigational and not medically necessary.

Medical Benefit Alignment

Specialty Guideline Management coverage review will be bypassed for drug(s) being requested for a procedure that has been approved under a member's medical benefit plan. Such members will be exempt from the requirements in the coverage criteria section. A medical authorization number and confirmation of the approved procedure(s) will be required.

NOTE: Some plans may opt-out of medical benefit alignment. Members receiving coverage under such plans must meet the requirements in the coverage criteria section.

Documentation

Submission of the following information is necessary to initiate the prior authorization review for hypogonadotropic hypogonadism: pretreatment testosterone level, and either follicle stimulating hormone (FSH) or luteinizing hormone (LH) levels.

Coverage Criteria

Follicle Stimulation¹⁻⁶

Authorization of 12 months may be granted for members undergoing ovulation induction or assisted reproductive technology (ART) who meet any of the following criteria:

- Member has completed three or more previous cycles of clomiphene or letrozole.
- Member has a risk factor for poor ovarian response to clomiphene or letrozole.
- Member has a contraindication or exclusion to clomiphene or letrozole.
- Member is 37 years of age or older.

Hypogonadotropic Hypogonadism^{1,2,8}

Authorization of 12 months may be granted for treatment of hypogonadotropic hypogonadism in members who meet both of the following criteria:

- Member has a low pretreatment testosterone level.

Reference number(s)
1914-A, 1915-A

- Member has low or low to normal follicle stimulating hormone (FSH) or luteinizing hormone (LH) levels.

Continuation of Therapy

All members (including new members) requesting authorization for continuation of therapy must meet all requirements in the coverage criteria section.

References

1. Follistim AQ Cartridge [package insert]. Jersey City, NJ: Organon USA LLC.; July 2023.
2. Gonal-f Multi-Dose [package insert]. Rockland, MA: EMD Serono, Inc.; July 2024.
3. Gonal-f RFF [package insert]. Rockland, MA: EMD Serono, Inc.; November 2023.
4. Gonal-f RFF Redi-ject [package insert]. Rockland, MA: EMD Serono, Inc.; April 2025.
5. IBM Micromedex® DRUGDEX® (electronic version). IBM Watson Health, Greenwood Village, Colorado, USA. Available at: <https://www.micromedexsolutions.com/> Accessed: May 8, 2025.
6. Practice Committee of the American Society for Reproductive Medicine. Evidence-based treatments for couples with unexplained infertility: a guideline. *Fertil & Steril*. 2020. 113(2):305-322.
7. American Association of Clinical Endocrinologists. Medical guidelines for clinical practice for the evaluation and treatment of hypogonadism in adult male patients – 2002 Update. *Endocr Pract*. 2002;8:439-456.