



5 Steps & Procedure of IVF

IVF or In Vitro fertilization is one of the most effective treatments for the infertility in the couples due to various reasons. Still, unless you undergo this procedure, you wouldn't know what actually it's about and what are the steps involved with this assisted reproductive technology. You can consider this as your guide as it's prepared by one of the best gynecologists of [IVF Center Bilaspur](#). Firstly, IVF is considered as a process that involves fertilization of an egg outside a woman's body in a specialized lab. This treatment option is often considered after trying some of the other [infertility treatments](#).



Here's how IVF works, step by step:

1. **Preparation for an IVF Cycle:** Before going for the IVF treatment, you'll have to undergo an evaluation of your uterus and fallopian tubes so as to make sure that there aren't any issues that would require any surgical operation. Thus, pre-cycle testing includes undergoing the hormonal evaluation. This is required for assessing the thyroid functions

and the ovarian reserves. Also, this process includes the screening of both the partners so as to ensure that there's no chance of sexually transmitted infection. Also, semen is analyzed of the male partner.

2. **Egg Retrieval:** Before the eggs ovulate, a surgical procedure is performed so as to remove the eggs from follicles in your ovaries. For this process, an ultrasound is used for guiding a small needle through the top of the vagina for removing the eggs. This process won't cause any pain or discomfort as sedation is given to the patient.
3. **Fertilization:** After the eggs reach the lab, experts closely examine the maturity and quality of the eggs. The mature eggs are then put into a special culture medium for few hours of egg retrieval are fertilized with sperm. Two of the processes are used for fertilization of the eggs that is ICSI or Intra-Cytoplasm Injection or conventional insemination. And this depends upon multiple factors.
4. **Embryo Transfer:** After the process of fertilization, IVF teams determine when embryo transfer will take place. For this, genetic testing is done and till then embryos are frozen. Once the results are obtained, the embryo is transferred into the uterus.
5. **Pregnancy Test:** Just after the 12 days of embryo transfer, you'll have a blood pregnancy test. If it is confirmed, then you'll be followed up with blood tests and ultrasounds for confirming viability. Then, the [IVF center in Bilaspur](#) recommends back to your gynecologist.