

What to Expect When Going in For IVF Treatment in Miami

It's reasonable to be intrigued about in vitro fertilisation (IVF) if you're considering fertility therapy because it's the most extensively publicised fertility treatment method. IVF in Miami has been around for decades, and you've probably heard of it: combining egg and sperm outside the body in culture. But there's much more to IVF than that, both before and after the procedure. Here's a breakdown of the IVF procedure.

The Procedure For Determining Infertility

The patient's medical history will be taken at the initial appointment. The woman will be tested for three days, including ultrasound and bloodwork, to evaluate her hormone levels and viable eggs. The doctor will perform a hysterosalpingogram to look for abnormalities in the fallopian tubes and uterine cavity. A semen analysis will be performed on both male partners.



Ovulation Stimulation

The goal of **IVF in Miami** is to obtain as many mature eggs as possible. The lady will be given injectable hormones to ingest for 8-14 days to promote egg production to achieve this goal. The patient will return to the clinic multiple times throughout this time for monitoring. The patient will be subjected to ultrasonography and bloodwork to determine the stimulation phase.

Take Out the Eggs

A hormone injection will be given to you a little more than a day before your eggs are due to be extracted from your body. This will help your eggs mature faster. The eggs will then be removed using a minor surgical procedure known as follicular aspiration. According to the National Institutes of Health, this is usually done as an outpatient procedure at your doctor's office. Using ultrasound, your doctor will guide a small needle into every one of your ovaries via your vaginal canal. The hand is equipped with a mechanism that suctions the eggs out one by one.

Selection with Care

The embryologist at the fertility clinic in Viera will only transfer the healthiest embryo. On day 5, the blastocyst stage embryo is transplanted to the woman's uterus. The transfer is a quick and painless process that takes 5 minutes. The doctor will use a catheter to implant the embryo into the woman's uterus; no anaesthetic is required.

The Results

A pregnancy test will be performed two weeks after embryo transfer to establish whether the IVF round was successful. Physicians advise against using at-home pregnancy tests because the stimulating hormones that linger in the body might cause false positives. Many women have had success with IVF procedures and knowing how the process works may reduce worry. Before making any medical decisions, always consult with a healthcare practitioner.

Conclusion

Multiple embryos are returned to you in the hopes that at least one will implant in the lining of your uterus and develop. Numerous embryos can implant simultaneously, which is why multiples are prevalent in IVF patients. If you're looking into fertility treatments, being prepared for a consultation at the fertility clinic in Viera is a good idea for nervous couples.