

Why Is It Important To Monitor the Various Stages Of In Vitro Fertilization?

To monitor each and every stage of in vitro fertilization is of paramount importance. It is not just necessary to keep track of each happening before the IVF surgery is done but it is also vital to closely observe the events happening in the post operative IVF stages. In this article, we will explain why there arises a need to constantly monitor the various cycles of in vitro fertilization, so read on…

Monitoring is necessary as it suffices two prime purposes; on one hand it helps the physicians make the right selection of protocol seeing as to how the woman undergoing IVF surgery is reacting to the fertility drugs given to her in the initial IVF stages. The doctor will also come to know as to how much dose needs to be given or if there is a need to change the medication to get the best results. The basic aim, of the surgeon is to minimize the complications so that the outcome of IVF surgery is positive resulting in the formation of a healthy embryo.

The second benefit which is worth mentioning is that monitoring brings forth many interesting facts that help to enhance the pool of knowledge and use it while conducting other IVF surgeries. When there is a greater understanding of how women react to different drugs, it gives an insight into the body system of women especially their reproductive system.

The task of monitoring in the case of in vitro fertilization begins with the induction therapy and ends at the stage when either a healthy embryo is created artificially or the other outcome is the surgery fails to deliver the desired results. To make the process of monitoring more systematized, it is better to divide the whole process into three main stages namely before induction, period of induction and completion of the induction period.

In the initial IVF stages, monitoring is basically done to find out which medication would be the best to be offered to the person undergoing IVF surgery. Some people are allergic to certain medications and thus it is vital to find out if the medication given to the patient is suitable or not. The ultimate goal is to identify as to how the ovary responds to the induction therapy, which in turn depends on the growth level of follicles.

At the time of giving the HCG injection, it is of utmost importance to monitor the body’s response to the injection. There is a need to keep check on the dose given to the patient, because if given in excessive quantity, it can cause harm to the body. Every clinic has different criteria for administering the injection but mostly it is done on the sixth day to find out if there has been any rise in the level of estradiol hormone. To evaluate the success, there arises a need to measure the level of estrogen on the next day after the in vitro fertilization surgery has been done. Thus, it is very crucial to keep constant track of the happenings in the various IVF stages.

About the Author

If you are planning to go for [in vitro fertilization surgery](#), then it is necessary to learn about its different stages because the more knowledgeable you are, the better it is for you.

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