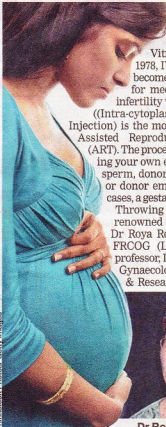


Everything you want to know about IVF



Since the first reported live birth conceived by In Vitro Fertilization in 1978, IVF techniques have become a common practice for medical treatment for infertility world over: IVF-ICSI (Intra-cytoplasmic Sperm Injection) is the most effective form of Assisted Reproductive Technology (ART). The procedure can be done using your own eggs, your partner's sperm, donor eggs, donor sperm or donor embryos and in some cases, a gestational carrier.

Throwing more light, renowned infertility expert, Dr Roya Rozati (MD (AIIMS), FRCOG (London), head and professor, Dept of Obstetrics & Gynaecology, Owaisi Hospital & Research Center, Deccan

College of Medical Sciences, medical & research director, Maternal Health Research Trust), says, "There are many factors that influence pregnancy (and live birth) rates in IVF like maternal age, duration of infertility or subfertility, bFSH and number of oocytes. At MHRT (Maternal Health Research Trust), we give significance to individual cases and advise patients to be aware of sophisticated treatments before taking a decision."

With advances in technology, the IVF success rate in India has steadily increased in the past few years — it stands at around 35 to 40% today. Surrogacy in India has also emerged as an effective solution.

One IVF-ICSI cycle is successful for 20-25% of the patients. Around 70-80% success can be achieved in 6 cycles of IVF-ICSI, which is recommended by many societies of reproductive medicine all over the world. The remaining 20% issues can be addressed by oocyte donations, semen donation or surrogacy. Optimal woman's age is 23-36 years at the time of treatment. If a woman under the age of 35, undergoes IVF-ICSI, there's a 39.6% chance of having a baby, while a woman older than 35 has an 11.5% chance. However, the success rate is increasing now with advancements in technology and increasing expertise.

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