

**Press Release**

*For Immediate Publication*

**Male Infertility, a growing concern for Himachal Pradesh: Dr. Mehta**

- *40% of Infertility patients in Fortis Hospital, Mohali is from Himachal Pradesh*
- *Latest technology Time Lapse in IVF gives bright chance at parenthood*

**Shimla, July 7, 2016: Fortis Bloom IVF Centre** applied a latest technology of Time Lapse in In Vitro Fertilization (IVF) to help the family of *Charu and Dinesh Chopra\** (Names changed to protect privacy) from Shimla conceive recently. The Chopras have been married for 12 years before they finally were able to conceive. They dubbed this tedious process of visiting three IVF centres in the region as a ‘*long waiting game*’ before visiting Fortis Bloom Centre.

IVF is an assisted method to reproduce by combining egg with sperm in a laboratory dish. Once the egg fertilizes and begins cell division for two to five days, the resulting embryo is then transferred into the women’s uterus where it will hopefully implant in the uterine lining and further develop.

Regarding cases of IVF, **Dr Pooja Mehta of Fortis Bloom IVF Centre, Fortis Hospital, Mohali**, said, “*Due to our sedentary lifestyle, today almost 15% of all couples in India struggle to conceive naturally. However, with IVF, these couples can now avail this opportunity. However, many a times, the IVF may not work out smoothly as one desire it to be. When the Chopras came to us after three unsuccessful IVF, we counseled the couple and encouraged them to give IVF another shot following which they became pregnant.*”

The treatment started with ovum pick-up and then freezing of the embryos with Vitrification. “*We used latest Laser Hatching technology to transfer the frozen embryo. The Time Lapse technology, also known as Embryoscope, has a built-in camera that takes automated images of fertilized oocytes every hour. With the help of this technology, we can choose the best-growing healthier embryo for transfer,*” Dr Mehta further added.

Infertility is a growing condition & is a big concern today. Talking about rising cases of infertility in males, Dr Mehta said, “*Male infertility is rising. Poor sperm count is the most common cause. It is the main cause for 30% of the total infertility cases. Regarding Himachal Pradesh, around 40% of our patients are from the hill state. We found that male infertility is predominant reason and pretty widespread. Modern techniques like ICSI, TESA, PICSI and IMSI are used to benefit many patients with successful parenthood.*”

Mrs. & Mr. Sharma\* (Names changed to protect identity) came to Fortis Bloom IVF Centre three years after their marriage. The couple was suffering from absent sperms (azoospermia). They underwent the



procedure called Intra Cytoplasmic Sperm Injection (ICSI) and TESA. These treatments helped them achieve a successful pregnancy, added Dr. Mehta.

Male infertility comprises absent sperms, reduced sperms and reduced motility. At Fortis Bloom IVF centre, the latest treatment modules are administered with state-of-the-art equipment and techniques. The success rate of the treatment varies widely and is different for different couples. There are many factors that determine the outcome. Some of these are age of the woman, the status of the uterus, cause of infertility, the quality of the semen, the total number of embryos that have been transferred and cyro-preserved, the total number, the maturity level and the quality of eggs that are retrieved play a vital role, too, and the success or failure rate of the fertilisation and cleavage in the vitro procedure are some of the factors that affect IVF's success rate.

*(\* Names changed to protect privacy)*

#### **About Fortis Hospital Mohali**

*Fortis Hospital Mohali is a 355 bed, JCI and NABH-certified, multispecialty care hospital. The hospital commenced operations in 2001, and is today considered one of the most recognized cardiac hospitals of India. Located in the heart of Punjab over 8.22 acres, the tertiary hospital has a comprehensive team of clinicians delivering world-class patient care, supported by advanced technology. In July 2014, Fortis Hospital Mohali added the 55-bed 'Fortis Cancer Institute' on its premises to offer the latest and most comprehensive Medical, Surgical and Radiation Therapy modalities.*

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