

SPINDLE CHECK (POLOSCOPE)

6) ELECTRONIC WITNESS SYSTEM — It is a system designed to minimize errors (like mixing) during the treatment cycles, available in very few IVF Centres across India. It monitors every instance when gametes are transferred from one container to another and ensures that only one patient can be worked on at a time.

OTHER SERVICES

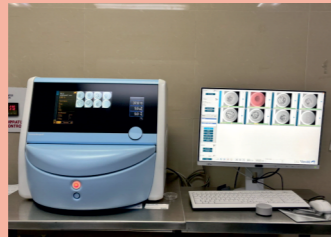
1) FERTILITY PRESERVATION-

A) Egg freezing- For women who want to delay having a child because of various reasons.

B) Sperm freezing- In men undergoing cancer treatment for future fertility.

2) PGT (PRE-IMPLANTATION GENETIC TESTING)- It is used for genetic analysis of the blastocyst in which the embryo is biopsied. PGT can be used for patients who have a history of genetic disorders in the family/ couple or a previous child with a known genetic abnormality.

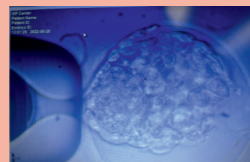
ADVANCED TECHNOLOGIES USED FOR EMBRYOS



EMBRYOSCOPE



MICROMANIPULATOR



EMBRYOBIOPSY

3) Egg Donor / Sperm Donor services in required cases .

4. Hysteroscopy+ Laparoscopy (key hole surgery) for improving fertility outcomes either naturally or through IVF

5. Oncology (cancer) patients : We freeze there eggs and sperms before they undergo chemotherapy and radiotherapy . They can use these forzen eggs and sperms and have children after remission of cancer

6. Endometriosis : disease causing infertility : we do medical or surgical treatment for such patients to improve the infertility outcome and offer fertility preservation to such patients

7. Various techniques for Ovarian/ Endometrial rejuvenation for poor egg reserve (AMH) and thin endometrium

8. Speciality clinic for cases of multiple abortions: to help them have healthy and successful pregnancy and delivery



INCUBATORS AND WORK STATION



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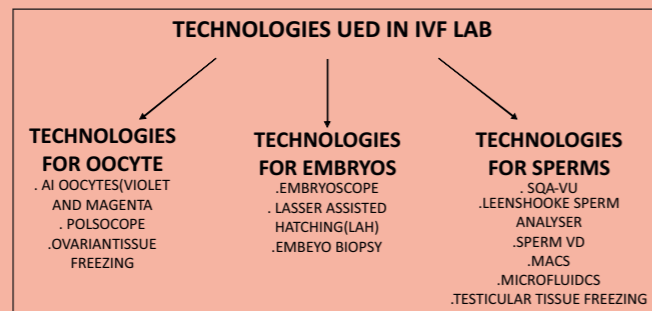
LILAVATI HOSPITAL IVF CENTRE

IVF

**For Appointment Contact:
9820032315 / 9820057722**

ABOUT US

Lilavati hospital IVF Centre has been running for over three decades (since 1998) and has grown by leaps and bounds since its inception. Over the last three consecutive years, it has been ranked as the best IVF Centre by Times Health Survey. Backed by a team of exceptional infertility specialists, embryologists and a state-of-the-art IVF Laboratory, we have achieved a pregnancy rate of 90% in 3 attempts. Dr Nandita Palshetkar & Dr Hrishikesh Pai are the pioneers in the field of IVF in India and have won multiple awards in the field for the best IVF Centre and the success rate.



TREATMENTS PROVIDED

1) OVULATION INDUCTION AND PLANNED RELATION

2) IUI (INTRAUTERINE INSEMINATION)- involves inserting the male partner's prepared sperm sample through cervix and into the cavity of the uterus, immediately before ovulation.

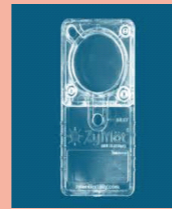
3) IVF (IN-VITRO FERTILIZATION) - is a procedure in which one or more eggs will be removed from the ovaries of the female that are then fertilized with sperm inside the embryology laboratory.

4) ICSI (INTRACYTOPLASMIC SPERM INJECTION) - is a highly specialized ART technique wherein a single sperm is injected directly into the cytoplasm of egg using a machine called the micromanipulator. Giving a higher fertilization and higher positive pregnancy rate in patients with low sperm count.

ADVANCED TECHNOLOGIES USED FOR SPERMS



SQA -VU ANALYSER



ZYMOTMICROFLUIDICS



SPERM VD DEVICE

5) NEW ADVANCES (IN CASES OF RECURRENT IVF FAILURE)

A) IMSI (INTRA CYTOPLASMIC MORPHOLOGICALLY SELECTED SPERM INJECTION)- Is a sperm selection technique used for patients with male factor infertility which involves using a microscope to view detailed images of the sperm under high magnification to select the sperm for injection into the egg.

B) MF (MICROFLUIDICS)- Is a sperm preparation technique which is non-traumatic and is used to reduce the DNA-fragmentation Index (DFI) in the semen sample

C) SC (SPINDLE CHECK) - It is a highly advanced technique where a specialized microscope is used to check for placement of spindle in egg before the eggs are injected with sperm

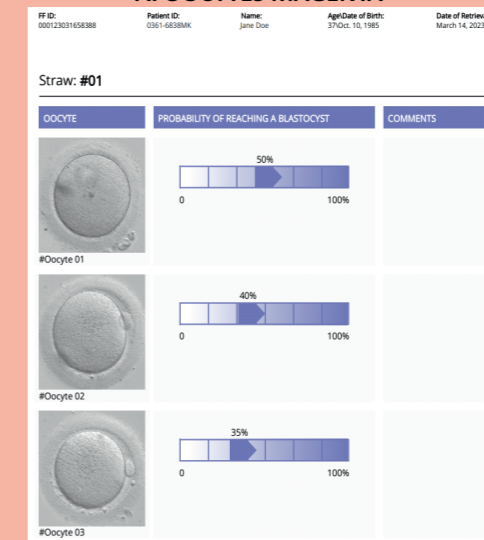
D) AI (ARTIFICIAL INTELLIGENCE)- It improves the selection of oocytes to generate better predictive models for IVF

E) EMBRYOSCOPE- It is an advanced type of incubator which very few laboratories in India have. It has time lapse system which allows the embryos to be observed from the time of fertilization till the transfer. The photographs of the dividing embryos are taken every 15

ADVANCED TECHNOLOGIES USED FOR OOCYTES



AI OOCYTES MAGENTA



AI OOCYTES VIOLET

minutes, using a time lapse system, right from the beginning following fertilization by ICSI/IVF till the formation of Blastocyst. It tells us about the euploid status and it gives a score which gives us an edge on embryo selection during the embryo transfer.