

#ivfprocedure.

Q4)Who needs ICSI and who needs IVF?

IVF(In-vitro Fertilization)

ICSI(Intra Cytoplasmic Sperm Injection)

The two procedures are basically ART(Artificial Reproductive Technology) procedures

For IVF, the sperms need to have some minimum total & progressive(forward motility), as the sperms will themselves fertilize the oocytes in the medium that they are placed.

Candidates for ICSI may include patients with severe reductions in sperm number or motility, regardless of cause and patients with a history of failure of fertilization in conventional in-vitro fertilization (IVF).

Q5) What is TESE & MicroTESE?

Testicular sperm extraction (TESE):-

TESE involves making a small incision in the testis and examining the tubules for the presence of sperm, under microscope. It is either done as a scheduled procedure or is coordinated with their female partner's egg retrieval.

MicroTESE is a micro-surgical procedure where sperm is retrieved from the (dilated)seminiferous tubules of the testes, under high resolution microscopes.

The difference between micro-TESE and TESE is that the micro-TESE process is performed under the microscope

MicroTESE helps if you have non-obstructive azoospermia(problem at testicular level), TESE treats men who have obstructive azoospermia(problem beyond testicular level, some obstruction in the male genital ducts).

Q6) How many IVF cycles can I go through?

There's no such clear cut guidelines regarding the maximum number of IVF cycles that a couple can undergo.

With increased age and poorer ovarian reserve, it may well take two cycles, if not more. While there is no limit to the number of IVF cycles, we generally discourage more than five or six cycles.

While every person is different, the standard space between IVF cycles is one full menstrual cycle. A fresh IVF cycle should not be done two months in a row without a menstrual cycle in between them.

International Society for Fertility Preservation (ISFP) recommends that women under 35 years old can try up to four cycles, while women over 40 years should consider other options after one or two cycles.