

# MALE INFERTILITY



## DNA FRAGMENTATION TEST MORPHOLOGY

Semen Analysis is the procedure used to analyse the quality and quantity of the semen for testing the probability of fertilization and implantation. Semen analysis is an important parameter tested for the chance of impregnating the woman. Any deviations can be diagnosed and solved using advanced male fertility treatments for issues like azoospermia.



## TESA

Testicular / Epididymal Sperm Aspiration or Extraction is the procedure in which a small amount of testis tissue is taken for biopsy after anesthesia. It is a breakthrough in that it demonstrates that sperm do not have to "mature" and pass through the epididymis in order to fertilize an egg. Such procedures are common and most advised for curing male infertility and giving them a fertility solution.



## PESA

Percutaneous epididymal sperm aspiration is another method of sperm retrieval available used for retrieving sperms for analysis or using them in the fertility treatment appropriately. Implementing PESA is through needle and syringe technique, the only difference causing factor in this surgical way of retrieving sperms is that the needle/syringe placed directly into the epididymis.



## MICROTESA

Microsurgical testicular sperm extraction (MicroTESE) is a procedure that for the precise removal of tiny volumes of testicular tissue is areas of active sperm production using a microscope, improving sperm yield microscope after opening the testis.



## SCROTAL DOPPLER

Scrotal Doppler is an important diagnostic procedure used for the scrotum part of male reproductive system. Testis and other sperm producing organs located in the [scrotum](#), along with other small organs, blood vessels, and a small tube called the vas deferens can be assessed for any diagnosis with scrotal Doppler technique.



## SEMEN FREEZING

Semen freezing serves the same purpose as embryo freezing done for women, semen freezing is done to preserve the semen so that the patient couple can undergo further ivf cycles if encountered failure before or found to have seen or believed.



## MALE MICROSCOPIC VARICOCELECTOMY

Varicoceles, enlarged scrotal veins, can be a source of male infertility, pain, and may even impair testosterone production. If your surgeon believes you are a candidate for microsurgical varicocele repair, the procedure is set to remove a lot of risks you are in for with respect to male-reproductive and cardio health.



## MATURE EJACULATION

Pre-mature ejaculation is the male re-productive health issue where the male member ejaculates just before or shortly after beginning sexual intercourse. There are a number of ways to treat pre-mature ejaculation it depends on the intensity of pre-mature ejaculation and the nature (temporary or permanent).



## ERECTILE DYSFUNCTION

Erectile Dysfunction is the male-reproductive health issue where the male member in the couple is not able to achieve or sustain sufficient erection for the full period of intercourse. Erectile Dysfunction may lead to infertility in some patients with respect to the severity of the health issue.



## BURIED PENIS

A buried penis is a penis that's covered by excess skin in the pubic area or scrotum. The scrotum is the sac of skin that surrounds the testicles. This may be due to extra fat or obesity, fat retention and problems with ligaments. This health issue in the male reproductive system can also be a possible cause for infertility in men.



## CURVED PENIS

Curved Penis is a defect that can become a major factor for contributing to infertility for couples, curved penis might produce dissatisfaction in sexual intercourse. If penis curve is increasing it might be Peyronie's Disease, a condition that causes painful erections, significant bending, and other complications due to fibrous scar tissue in the penis. Early diagnosis and treatment may prevent you from further complication.



## PENILE IMPLANTS

Penile implants are devices placed inside the penis to allow men with erectile dysfunction to get an erection. Penile implants are typically recommended after other treatments for erectile dysfunction fail. Penile implants are prescribed and the procedure is done by experienced physicians and surgeons.



## LENGTHING OF PENIS

Lengthening of penis is a procedure to cure the infertility arising from insufficient length of the penis. Penoplasty is the name of the procedure that aims to cure the defective length of the penis. This is a very low risk procedure done by andrology experts and this has very less recovery time.



## HYPOSPADIAS CORRECTION

Hypospadias procedure is the procedure aimed to correct the defect in the opening of the penis, mostly this surgery aims to rectify the birth defects diagnosed in male re-productive organs. This procedure may be required to cure when the difficulty in urinating or ejaculating.

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