



ROLE OF TESA IN HELPING CONCEPTION WITH AZOOSPERMIA

Azoospermia is a medical condition in which a man has no measurable amount of sperm in his semen. It affects about 1% of the male population. With modern technology, Testicular Sperm Aspiration (TESA) helps in conception with azoospermia.

What is TESA?

Testicular Sperm Aspiration (TESA) is a minimally invasive surgical procedure that involves extracting sperm from the testicles.

How is TESA done?

The procedure is usually done under local anaesthesia, and it involves using a fine needle to aspirate fluid and tissue from the testicle. This fluid and tissue are then examined under a microscope to identify the presence of viable sperm.

Why is TESA done?

TESA is typically performed on men who have azoospermia due to a blockage in the reproductive tract. This blockage prevents sperm from reaching the semen, and it can be caused by a variety of factors, including infection, injury, or surgery.

How TESA helps Conception with Azoospermia?

When sperm is extracted through TESA, it can be used for in vitro fertilization (IVF) or intracytoplasmic sperm injection (ICSI). In IVF, the sperm is mixed with the woman's eggs in the laboratory to allow fertilization to occur. In ICSI, a single sperm is injected directly into an egg to achieve fertilization.

With a team of highly experienced Reproductive Medicine Specialists, full time embryologists and advanced technology, Genome offers medical procedures like TESA, IVF/ICSI to help you enjoy the much coveted parenthood.