

Urologist



Dr Jo Schoeman
Specialist Urologist

PATIENT INFORMATION BROCHURE

TESTIS BIOPSY OR SEMEN ASPIRATION

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Patient well-being is my first priority!

Testis Biopsy or Semen Aspiration

Why is it done?

- To aspirate or biopsy testicular tissue for assisted fertility procedures

Pre-requirements

- An informed consent is required from the patient.
- The aspiration is usually done under local anaesthetic.
- Biopsy is done under a GA
- Scrotum will be shaved
- **Patients allergic to IODINE/CHLORHEXIDINE should clearly state this to theatre staff and Dr Schoeman**

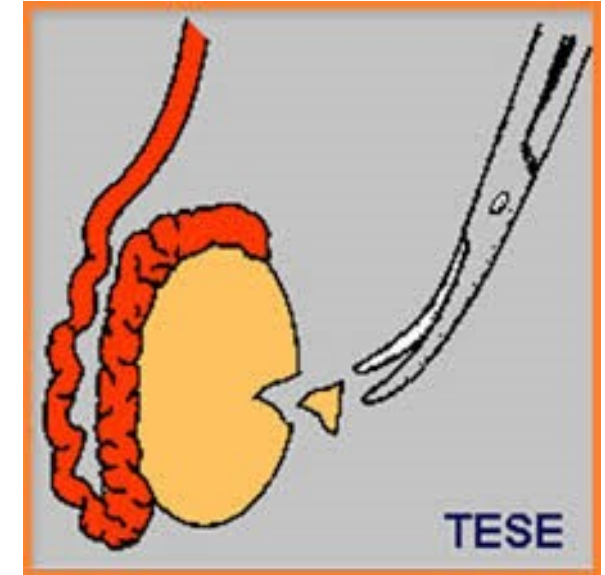


How is it done?

- This procedure is performed under local or general anaesthetic.
- Sterile preparation of the scrotum.
- A syringe with a needle attached is placed into the epididymis or testis.
- The chosen testis and vas deference is then extracted through this incision.
- A wedge biopsy taken and closed with sutures
- A dressing is then applied, which should be removed after 72 hours.
- No strenuous movements are permitted for at least 14 days.

What to expect after the procedure?

- A haematoma (blood collection under the skin or in the scrotal cavity) may form and needs to be reviewed by Dr Schoeman as soon as possible. This may require drainage. Bruising is normal.
- An infection of the wound can occur and requires immediate attention.
- Owing to the nature of the surgery and the soft skin of the scrotum, bruising may appear to be much worse than it actually is and is no cause for alarm.
- **DANGER SIGNS:** A scrotum that swells immediately to size of a football, fever, puss. Contact Dr Schoeman or the hospital immediately as this may occur in up to 15% of all cases..



What next?

- The In-Vitro procedure will be done in collaboration with an Infertility Clinic
- On discharge a prescription may be issued for patients to collect.
- Please direct all further queries to Dr Schoeman's rooms.
- **PLEASE CONTACT THE HOSPITAL DIRECT WITH ANY POST OPERATIVE CONCERNS AND RETURN TO THE HOSPITAL IMMEDIATELY SHOULD THERE BE ANY SIGNS OF SEPSIS.**

NB! You are required to bring 2 pairs of tight new undies for post-operative scrotal support.