

Urologist



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PATIENT INFORMATION BROCHURE

TRANS RECTAL ULTRASOUND GUIDED PROSTATE BIOPSIES/ SATURATION TRUS BIOPSIES

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Patient well-being is my first priority!

Trans Rectal Ultrasound Guided Prostate Biopsies/ Saturation TRUS biopsies

Why is this done?

- This is diagnostic procedure used to make a diagnosis for an elevated PSA.
- It is done as a day surgery procedure. You are required to remain starved 6-8 hours prior to the procedure.

You would have had a **3T MRI study** prior to pin point any suspicious high grade lesions. Usually 1tagetted biopsies are taken of the prostate via the rectum.

The 3 possibilities of an elevated PSA is:

- Benign Prostate Hyperplasia,
- Prostatitis or
- Prostate Cancer.

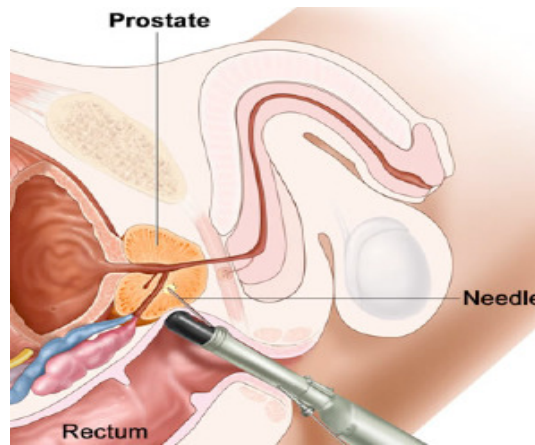
Saturation biopsies include numerous biopsies and are generally recommended for second/third time biopsies.

How is it done?

- This procedure: is done under sedation as a day procedure and takes approximately 30min (Incl anaesthetic time)
- It is performed with the patient lying in the fetal position on his left side.
- Prophylactic antibiotics are essential and a script with details are provided on the day of signing consent. You will start the Noroxin 400mg the night before the procedure, with the next dose the morning of the procedure with a small sip of water.

Prohylaxis

- Noroxin 400mg twice daily starting night before procedure for 3 days
- **Cease all Anti-coagulants ie: Warfarin and Asprin 7-10 days prior to surgery**
- **A script for Clexane 40mg daily subcutaneously will be provided to be commenced 7 days before biopsy when you Warfarin is ceased**



Complications

- **Hematuria (blood in urine) 2-3days**
- **Hematospermia (blood in ejaculate) will become less the more often you ejaculate.**
- **Bacteraemia (infection) with low grade fever and feeling un-well**
- **Sepsis with high grade fever, cold shivers, rigors**

REQUIRES URGENT ATTENTION

What to expect afterwards

- Post-procedure the staff in the day surgery will confirm that you are passing urine successfully without issues.
- You will pass blood in the urine for the next few days.
- You have a 15% incidence of developing a low grade temperature and a 2 % incidence of sepsis.
- You may also experience bloodstained ejaculate one you get around to this a few days after the biopsy

Phone my rooms the day before the procedure to check your expected times for the following day.

You are to continue your antibiotics for the next 2 days.

Should there be any signs of fever or cold shivers, you are to return to the Hospital or Emergency Department without hesitation

