

Transrectal ultrasound (trus) + biopsy

PATIENT INFORMATION SHEET INT12



Your appointment:

Date:

Time:

Location:

Please see our website for more branch details.

Duration of examination:

Transrectal biopsy examinations take approximately 30 minutes. You will be asked to present one hour prior to your appointment for administration of antibiotics.

Please bring with you:

- > Your request form
- > All previous relevant imaging
- > Medicare and any Healthcare cards

Payment on the day of the examination is requested.

For more information on this procedure please call one of our branches.

For more information regarding Benson Radiology please visit:

bensonradiology.com.au

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What is a transrectal ultrasound of the prostate?

A transrectal ultrasound provides high resolution imaging of the prostate gland due to the close proximity of the prostate gland to the rectum.

Transrectal ultrasound is typically requested to help assess symptoms and/or to assist in the performing of a prostate biopsy for reasons such as:

- > a nodule felt by a doctor during a routine physical exam or
- > a prostate cancer screening examination
- > an elevated blood test result (PSA).

Biopsy

A biopsy is the harvesting of a tiny piece of an organ for microscopic analysis.

What preparation is required?

A bowel laxative preparation is required. This is available from your doctor or at any of our branches.

When booking your biopsy please inform us if you are taking blood thinning medication (i.e. Aspirin, Warfarin, Dabigatran or Clopidogrel). At the time of booking the procedure, the nurse will arrange with your referring doctor for you to cease your medications, this is usually five days prior to the procedure.

What will happen during the procedure?

You will be asked to change into a gown and lie on the ultrasound examination table. The nurse will administer intravenous antibiotics just prior to the procedure.

A probe is inserted into your rectum and the relevant area imaged.

To obtain a prostate biopsy, a small attachment is put onto the probe. At this point the radiologist (specialist medical imaging doctor) passes a small needle through the guide attachment and collects a specimen.

You may hear the noise of the biopsy equipment and feel a brief sharp pulling sensation. Often this process is repeated several times. The samples are collected, put into specimen bottles and sent to a pathologist for analysis.

Please be aware pathology analysis is performed by external providers and may incur a separate out of pocket expense.

Are there any risks?

This procedure has a small risk of infection. Sterile equipment is used to minimise this risk. Additionally an approved course of antibiotics is given before and sometimes after the procedure.

In the unlikely event that infection manifests you may feel ill (flu-like symptoms). Symptoms of infection most often occur in the first 12-24 hours. It is important that you promptly consult your doctor or attend an emergency department. Infection is unusual but can be serious, requiring hospital admission.

Some bleeding may be noticed when passing urine, semen and opening bowels. This should cease in a couple of days. Significant bleeding requiring treatment is rare.

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After the examination

As soon as the procedure is complete you may dress. We prefer that you stay in the department for up to one hour. Staff will perform basic nursing observations during this time.

The tissue samples will require detailed examination by a pathologist. We will not be able to provide the final pathology report at the time of the examination. This will be sent to your doctor by the pathologist a few days after the examination. **It is important you visit your doctor and discuss the final results.**

It is important you understand why and how we will be assisting you. If you have any questions, please call one of our branches or speak to our staff on the day of your visit.
