



Procedure Information Sheet

Introduction

When suspecting a prostate cancer, the doctor may suggest a transperineal ultrasound-guided prostate needle biopsy for the patient. It is an invasive procedure to diagnose prostate cancer. However, negative result cannot completely rule out the possibility of prostate cancer.

The Operation / Procedure

Before the transperineal ultrasound-guided prostate needle biopsy, the patient will be given medication to clear the rectum and antibiotic prophylaxis. After placing the ultrasound probe into the rectum, the doctor obtains multiple biopsies from the prostate through perineum.

1.

Before the Operation / Procedure

1. Inform doctor of any medical condition, for example diabetes, heart diseases, high blood pressure etc) and any medications you are currently taking. (for example aspirin or blood thinner, may need to stop for a period before operation)
2. Discuss with doctor in charge about the operation management, nature of operation and possible risks. Read through and understood this information sheet and complete the consent form.
3. Check clotting profile for any bleeding tendency, to be corrected if abnormality detected.
4. If you are taking oral anti-coagulant e.g. Aspirin, please ask the doctor when it needs to be discontinued.
5. Oral antibiotics will be given to the patient before and after the biopsy to prevent infection.
6. You need to clear your rectum with the prescribed fleet enema in the morning before the procedure.
7. Sedative or analgesic will be prescribed by the doctor.
8. Change to operation gown, socks and cap, remove underwear, denture, contact lens and jewellery (including hair pins, ear rings and ring etc.).
9. Empty bladder before transfer to Operating Theater.

After the Operation / Procedure

1. Patient may notice rectal bleeding, blood in urine for a couple of days or some blood in semen for 2-3 weeks. Encourage fluid intake will help urine drainage. If rectal bleeding is increased / patient has fever, please inform you doctor directly.
2. According to doctor's prescription to complete a course of antibiotics.
3. If patient is taking oral anti-coagulant e.g. Aspirin, please ask the doctor when it needs to be restarted.
4. Resume diet and exercise as before.

<p>Patient's Label Patient Name: _____ Hospital No: _____ Episode No: _____</p>
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Risk and Complication

1. Life-threatening sepsis (0.1%)
2. Urinary tract infection (1%)
3. Haematuria (may last for 10 days)
4. Haematospermia (may last for 6 weeks)
5. Voiding difficulty / urinary retention (5%)
6. Mild perineal bruising or swelling (10%)

Disclaimer

This leaflet only provides general information pertaining to this operation / procedure. While common risks and complications are described, the list is not exhaustive, and the degree of risk could also vary between patients. Please contact your doctor for detailed information and specific enquiry.

Reference

Hospital Authority Coordinating Committee in Surgery: Transperineal Ultrasound-guided Prostate Needle Biopsy (2020)

<p>Patient's Label Patient Name: _____ Hospital No: _____ Episode No: _____</p>
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Patient's Signature: _____ Date: _____