

經直腸作前列腺超聲波 檢查及抽取組織

簡介

前列腺鄰近直腸，若懷疑發生病變，可用超聲波經直腸檢查前列腺的形狀和大小，同時抽取活組織化驗。

檢查前準備

- ◆ 檢查日早上，需用灌腸藥放清大便
- ◆ 若要抽取組織，三天前要開始持續口服抗生素預防感染，或檢查時在靜脈注射抗生素
- ◆ 抽取活組織化驗需簽署同意書

過程

- ◆ 此檢查在局部麻醉下進行，請聽從醫護人員的指導，維持適當的位置
- ◆ 左側臥，露出臀部。醫生把已潤滑的超聲波探測棒經肛門輕輕地推進直腸，從螢幕上觀察前列腺的影像，包括大小、形狀及結構
- ◆ 如有需要，可套上組織針抽取前列腺活組織
- ◆ 共需抽取10個組織樣本

護理和建議

- ◆ 如祇作超聲波檢查，手術後多數沒有任何不適，可以出院

- ◆ 如抽取組織，手術後可能有輕痛楚；首兩天有血尿或大便見少許血，數天後會消失，多飲2-3公升清水可幫助排尿
- ◆ 繼續口服抗生素至翌日
- ◆ 服用抗凝血藥者，請向醫生查詢何時可恢復服藥，如亞司匹靈(Aspirin)
- ◆ 無需戒口，可如常飲食和活動

覆診

請按時覆診

併發症

可能的併發症有：

- ◆ 嚴重肛門痛
- ◆ 直腸、肛門大量出血
- ◆ 血尿加劇
- ◆ 發熱或發冷
- ◆ 小便困難

如對手術有任何疑問，請致電：

東華醫院: 2589 8131 (辦公時間)

9867 6121 (非辦公時間緊急求助)

瑪麗醫院: 請聯絡主診醫生

以上資料由東華醫院外科部提供



瑪麗醫院
Queen Mary Hospital



贊育醫院
Tsan Yuk Hospital

經直腸作前列腺超聲波 檢查及抽取組織

TRANSRECTAL ULTRASOUND AND BIOPSY OF PROSTATE



麥理浩復康院
Macle hose Medical
Rehabilitation Centre



SINCE 1870
TWGHs
東華醫院
Tung Wah Hospital
東華三院馮堯敬醫院
Fung Yiu King Hospital



根德公爵夫人兒童醫院
Duchess of Kent Children's Hospital

TRANSRECTAL ULTRASOUND AND BIOPSY OF PROSTATE

Introduction

Prostate is a fleshy and muscular gland of the male reproductive system. It is situated around the bladder neck. Its main function is to produce fluid for semen. Usually, if initial evaluation suggests the pathological changes of prostate, transrectal ultrasound of prostate as well as biopsy is recommended.

Preparation

- ◆ You need to clear your rectum with the prescribed fleet enema in the morning on the day of procedure
- ◆ To start oral antibiotics the day before the procedure to prevent infection
- ◆ A written consent is required

Procedure

- ◆ The procedure is done under local anesthesia
- ◆ All you need is to follow the doctor's instruction and to maintain the body position
- ◆ You will lie on a left lateral position with your knees bending upwards

- ◆ The doctor will gently insert the lubricated ultrasound probe into your rectum
- ◆ The probe emits sound waves and reflecting your prostate image on the video screen
- ◆ The doctor views the image, size, shape and structure of your prostate
- ◆ A biopsy needle can be inserted through the rectum into your prostate to take the tissues sample after ultrasound imaging if needed
- ◆ A total of 10 tissues samples will be taken

Care & Advice

- ◆ **For ultrasound only**
You will have no discomfort
- ◆ **For ultrasound + prostate biopsy**
 - You may notice some rectal bleeding , blood in urine for a couple of days or some blood in semen for 2-3weeks
 - Encourage fluid intake at about 2-3 litres will help urine drainage
 - Please remember to complete a course

of antibiotics

- If you are taking oral anti-coagulant e.g. Aspirin , please ask the doctor when it needs to be restarted
- Resume diet and exercise as before

Follow up

Follow up as scheduled

Complications

Possible complications include:

- ◆ Severe anal pain
- ◆ Severe rectal bleeding
- ◆ Severe haematuria
- ◆ Fever (temp > 38°C or 100°F) or rigor
- ◆ Difficulty in passing urine

Should you have any enquiry about the procedure, please phone to:

Tung Wah Hospital:

2589 8131 (Office hour)

9867 6121 (Non-office hour emergency)

Queen Mary Hospital: Please consult your doctor-in-charge

Information provided by Department of Surgery, Tung Wah Hospital.