



Loop Electrosurgical Excision Procedure (LEEP)

What is LEEP?

LEEP is a procedure for treatment of pre-malignant cervical diseases. It involves the use of a thin, electrified wire loop to cut away the abnormal tissue at the cervix. The specimen will be sent for pathological examination to ensure complete removal.

How is LEEP performed?

In general, LEEP takes 20 to 30 minutes. The set-up is similar to the procedure of a colposcopy. LEEP begins with the doctor cleansing the cervix, followed by application of iodine solution to the cervix to highlight the lesion(s). Local anaesthetics is then injected into the cervix for pain relief. You may have some discomfort, including having a fast heart rate, flushing or minor shivering. These symptoms usually disappear after 1 -2 minutes.

The doctor will then pass the electrified wire loop through the cervical surface to remove the lesion(s). You may hear the sound of the LEEP or suction machine during the procedure. You may also experience cramps or pain in the lower abdomen. Just relax your muscles and make slow, deep breaths. If the pain and discomfort still worsen, tell your doctor immediately. After the procedure, you can take a short rest before leaving the hospital.

How should I prepare for LEEP?

Do not douche, use vaginal medication, put tampons inside the vagina or engage in sexual intercourse 24 hours before LEEP. You may feel more comfortable if you empty your bladder and bowel before the procedure.

What should I beware of after LEEP?

Vaginal discharge, either greenish-yellow or brownish-black (with blood) in colour, may occur and persist for 6 weeks. The amount of vaginal discharge varies from one patient to another. In general avoid sexual intercourse or vaginal douching and do not put tampons or anything inside your vagina in the coming 6 weeks. Please follow your doctor's advice for the details. The cervical wound takes 4 weeks to heal after treatment. If the bleeding is heavier than your normal menstrual flow, contact us immediately.

Will LEEP affect my ability to bear children?

Unless the lesion is deep inside the endocervix, only a thin slice of surface tissue of cervix is removed during treatment. This should not affect future pregnancies. You may discuss your concerns with your doctor prior to the treatment.

Are there any risks?

LEEP is a very safe procedure. However, there is a small risk of infection and bleeding.

When will I get the results?

You should make an appointment with your doctor for the follow-up plan 1 to 2 weeks after the procedure so as to reexamine the cervical wound and to discuss the results of the pathological examination to see if additional treatment is necessary.

For emergency, please contact us through:

Hospital Main Exchange : (852) 2572 0211

Obstetrics & Gynaecology Centre : (852) 2835 7878

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Service Hours
Monday to Friday : 9:00 am – 5:00 pm
Saturday : 9:00 am – 1:00 pm
(Closed on Sundays and Public Holidays)



電環切除術

什麼是電環切除術？

電環切除術是一種治療子宮頸癌前期病變的手術。醫生會以通有電流的幼細線圈代替手術刀，從子宮頸切除一小片異常細胞組織作病理分析。通過這項簡單的手術來治療子宮頸病變，能確保病變完全切除。

手術如何進行？

手術一般需時二十至三十分鐘，程序與陰道鏡檢查相似。醫生會先清洗子宮頸，再於子宮頸表面抹拭碘溶液，以便觀察病變範圍。隨後醫生會於子宮頸注射麻醉藥，以作止痛之用。期間您或會感到心跳加速，全身發熱泛紅、面部有輕微刺痛或輕微顫抖。此類癥狀會於一、兩分鐘後消失。

醫生接著會將帶有電流的線圈穿過子宮頸表面，切除病變範圍。期間您會聽到儀器及抽氣發出的聲響，而下腹亦可能會抽搐或隱隱作痛。屆時你只要放鬆肌肉及稍作深呼吸，便能舒緩不適。如不適或痛楚持續加劇，請立刻通知醫生。手術完成後，你只需休息片刻，便可出院。

手術前該作何準備？

應避免在手術前二十四小時灌洗陰道、使用陰道藥物、放入衛生棉條或進行性行為。在手術前先排清大小便，亦會令您較為舒服。

手術後要注意什麼？

手術完成後，陰道或會排出呈綠黃色或棕黑色帶血的分泌物，情況一般會維持六星期，份量因人而異。傷口會在手術後四星期內逐漸癒合。手術後六星期內切勿進行性行為、灌洗陰道或將衛生棉條/任何東西放入陰道，詳情請遵照醫生指示。如陰道出血量多於正常月經，應立即聯絡本院。

手術會否影響生育？

除非是於子宮頸內口深處發現不正常病變，否則手術一般只會切除一小片子宮頸的表面組織，理應無礙病人日後懷孕。記緊在手術前與醫生商討有關細節。

手術有沒有風險？

一般而言，電環切除術非常安全。手術會有感染及出血的風險，但機會輕微。

何時才收到手術報告？

請您與醫生預約，確保可在手術後一至兩星期內覆診，以便檢查子宮頸傷口及商討病理分析結果，決定是否要作額外治療。

如需緊急診治，請致電本院總機：(852) 2572 0211

婦產科中心：(852) 2835 7878

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星期一至五：上午九時至下午五時
星期六：上午九時至下午一時
(星期日及公眾假期休息)