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
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(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。醫生會以電流量的電線線圈代替手術刀，從子宮頸切除一小片異常細胞組織作病理分析，同時也去除病變組織。

手術如何進行？
手術一般需時二十二至三十分鐘，程序與陰道鏡檢查相似。醫生會先清洗子宮頸，再於子宮頸表面塗抹碘溶液，以便觀察病變範圍。當手術進行時，您會感到心跳加速，全身發熱泛紅，而有輕微刺痛或腹脹。此類現象會於一、二分鐘後消失。

手術後要吃什麼？
手術後會將電流的線圈穿過子宮頸表面，切除病變範圍。手術過程中可能會有疼痛及出血的感覺，但如果不適或疼痛持續加重，請立刻通知醫生。手術完成後，您會感到疲勞，約需休息片刻，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或使用陰道藥物，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。若懷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，但機會極微。

何時才收到術後報告？
請於術後七至十天內復診，以便檢查子宮頸傷口及病理分期報告，確定是否需服藥治療。

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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