



Procedure Information

Retrograde Pyelogram (Unilateral/ Bilateral)

Introduction

Retrograde Pyelogram is a radiological examination of imaging the bladder, ureters, and renal pelvis with the injection of contrast medium. The procedure is performed by radiologist under fluoroscopy.

Indications

Your doctor may recommend a Retrograde Pyelogram if you encounter any abnormal symptoms or have concerns, including:

- Evaluating the upper urinary collecting system
- Better characterization of ureteral or pelvicalyceal abnormalities
- Assess the position and function of ureteral stents

Procedures

1. Your genital area is sterilized by the radiologist. A catheter is inserted into the urethra and the balloon in the catheter stable and in position.
2. Contrast medium is injected or by an infusion set into the ureter under fluoroscopy.
3. You may be asked in different position for taking spot films.

Possible Risks and Complications

1. Uncommon but mild complications:
 - Injury or damage or urethra or bladder during catheterization
 - ◇ Different urination
 - ◇ Hematuria
 - ◇ Urinary retention
 - Catheterization of vagina or an ectopic ureteral orifice
2. Rare but serious complications:
 - Infection
 - Allergy to contrast medium

** The risks listed above are in general terms and the possibility of complications is not exhaustive. Please understand that even though all procedures are carried out with utmost professionalism and care, this does not rule out the possibility of complications arising and may require another operation to deal with the complications.

Pre-procedure Preparations

1. The procedure and possible complications will be explained by the doctor and a consent form must be signed prior to the procedure.
2. Please inform the doctor and nurse all your past medical history, previous surgical operations, current medication and any complication with drug or anaesthesia.
3. Female who are or might be pregnant must inform to the staff.
4. Please bring all relevant imaging films and reports for comparison.
5. Please change into a surgical gown after removing all clothing including undergarments, dentures, and jewellery.
6. Please empty your bladder before the procedure.
7. For children, please bring diapers and clothes for changing.
8. Take medication as prescribed by the doctor as instructed.

Post-procedure Instructions

1. The urine may appear little pink for a few days after the procedure.
2. You may feel mild discomfort during urination for a few days after the procedure.
3. You can resume normal activities or follow the doctor's instruction.

Should there be any enquiries or concerns, please consult our department (MEI).

Under the professional care of the doctor, you will gradually recover. We wish you all the best during your treatment and recovery.

If you have any questions after reading the entire leaflet, please write them down in the spaces provided in order for the doctor to further follow-up.

Compiled by Union Hospital Operating Theatre (OT) Governance Committee

The above information is for reference only, please enquire your physician for details
Our Hospital reserves the RIGHT to amend any information in this leaflet without prior notification