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Procedure Information

Intravenous Urography (IVU)

Introduction

Intravenous Urography (IVU) is a radiological examination of imaging the urinary tract with the intravenous injection of contrast medium. The procedure is performed by radiographer under series of X-ray films taken.

Indications

Your doctor may recommend an Intravenous Urography (IVU) if you encounter any abnormal symptoms or have concerns, including:

- Check for morphology of the urinary system, including kidneys, ureters and bladder
- Detect and localize ureteric obstruction

Procedures

1. After the first plain film, intravenous injection of contrast is given.
2. Series of abdominal x-rays will be taken in specific time intervals.
3. Compression on the abdomen will be applied in the specific time intervals.

Possible Risks and Complications

1. Rare but serious complications:
 - Venous extravasation and 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. If you have allergy to contrast medium, please inform attending doctor to prescribe appropriate medication before the appointed examination.
4. If you are diabetic, please withdraw metformin in the morning on the day of examination. Please inform attending doctor for arrangement before examination.
5. If you have any renal diseases, please inform attending doctor for arrangement before examination.
6. Female who are or might be pregnant must inform to the staff.
7. Please bring all relevant imaging films and reports for comparison.
8. Please take two Dulcolax tabs in the evening on the night before the appointed examination time.
9. No food or drink four hours before procedure. (Except plain water)
10. Please change into a surgical gown after removing clothing including undergarments, dentures, and jewellery.
11. Please empty your bladder before the procedure.

Post-procedure Instructions

1. Please drink plenty of water.
2. You can resume normal activities or follow the doctor's instruction.
3. If you are diabetic, please withdraw metformin for following 48 hours.

Attached document: Information for Contrast Injection/ Ref: IL(MEI-01e)

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