

# Intravenous Pyelogram (IVP)

## Patient Information



## What is an IVP?

An Intravenous Pyelogram (IVP) is a specialised X-ray procedure that allows the examination of the urinary tract (kidneys, bladder, ureters and urethra) after the injection of intravenous (IV) contrast. The dye can make the X-ray images clearer and easier to interpret. The procedure is done to detect urinary tract diseases, infections, kidney stones and tumours.

## How do I prepare for the procedure?

- Take laxatives, after an early dinner, as prescribed by your doctor.
- Laxatives may cause diarrhoea. However, if you already have diarrhoea please let your doctor know.
- Take only the recommended diet on the day before the procedure. For dietary guidance, follow the diet sheet provided to you at the time of your appointment.
- Stop eating or drinking eight hours before the test.
- Inform your doctor and the radiology department if you have asthma, diabetes, cardiac problem or allergy to any drug.

## What will happen during the procedure?

- You will be asked to lie down on an X-ray table.
- An X-ray image will be taken before starting the procedure.
- A small portion of your arm will be cleaned with an antiseptic solution and the contrast material will be injected.
- Afterwards, a compression band will be tied around the belly which will help your doctor get a better view of the urinary structures.
- A series of X-ray images will be taken to find out the actual size of your kidneys and the urinary tract.
- You may be asked to hold your breath for a few seconds while the X-ray images are taken. You may also be required to change positions so that the radiologist can get all relevant images.

## What will happen after the procedure?

You can resume your daily activities immediately and go back to your normal diet after the procedure. However, you will need to increase your fluid intake over the following 24 hours.

Consult your doctor immediately if you experience any of the following:

- Fever and chills
- Redness, swelling, bleeding or any other drainage from the site where the IV contrast was injected
- Blood in urine
- Any signs of an allergic reaction such as itching, redness, difficulty in breathing, swelling or dizziness.

## Will the procedure hurt?

- You may feel slight pain when the needle is inserted into the vein in the arm. You may also feel a warm sensation when the contrast media is injected. However, the feeling will subside over time.
- The compression belt may cause slight discomfort. Ask the technician to readjust the belt if it is painful.

- The procedure may cause nausea or light-headedness for a little while following the test.

**Please note the following:**

- Bring your doctor's prescription and previous medical or radiology record on the day of the procedure.
- You must arrive 15 minutes prior to your appointment for registration and other formalities. In case of late arrival, your appointment may be delayed or rescheduled for any other day.
- Patients requiring urgent care may be given priority. This may lead to a slight delay in starting your procedure. Your cooperation in this regard is highly appreciated.
- If you are pregnant, inform the doctor before the procedure. They may need to postpone or cancel your procedure.
- Discuss any concerns you may have about the procedure with your physician.
- It is advisable to bring an attendant with you.
- If you have any queries, please contact us at 021-111-911-911.