

INTRAVENOUS PYELOGRAM (I.V.P.)

Purpose:

An IVP is performed to detect kidney stones, kidney, urethral, and bladder disease.

How long will this procedure take?

This procedure will take up to 1¼ hour.

Preparation:

1. The day before the examination, stay on a liquid or light diet to decrease solids in the colon.
2. Take 1½ oz. Fleets Phosphosoda or 1 oz. castor oil at 4 PM the day before your examination.
3. You may have water, coffee, tea, or clear fruit juices in the morning before your examination.
4. If you are having a Barium Enema on the same day, follow that preparation instead.

IMPORTANT NOTES!

1. If you have a history of a contrast reaction, please bring this to the attention of your physician immediately so that he may order pre-medication which will be taken one to two days prior to the IVP.
2. If you are diabetic and take Metformin Hydrochloride (Glucovance or Glucophage), the manufacturer recommends that it be stopped at the time of the contrast injection. It should not be restarted until after 48 hours. You must check with your physician to assure normal renal function BEFORE restarting the Metformin.
3. Although it is preferable that you have the required labs (BUN, Creatinine) a day or two prior to the exam, if it must be done on the same day, they should be drawn at least an hour before the scheduled exam time in order to allow time for results retrieval, patient consent, gowning, etc.

Procedure:

Prior to your examination you will be asked to read and sign an informed consent which explains the IVP study. You will also be asked very specific questions regarding previous contrast reactions, and any other allergies you may have, history of heart problems, high blood pressure, etc. It is very important that you answer these questions as accurately as possible. It is also important that any discomfort you may have experienced in the past with this or a similar examination, (such as a CT which involved a contrast injection) is brought to the attention of the technologist prior to the examination.

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Procedure (con't):

You will be asked to change into a hospital gown and remove any foreign objects such as jewelry, snaps, buttons, etc.

A radiologic technologist will position you on an x-ray table where a “scout” film will be done to assure that you’re in the correct position and that the bowel preparation has worked sufficiently. The radiologist will then inject a contrast material which allows your urinary system to be imaged on x-ray film. As the contrast is injected, you may feel a warm sensation or have a metallic taste in your mouth. This is normal and will only last a few minutes. If you feel anything out of the ordinary, inform the technologist immediately.

When an exposure is being taken, you will be asked to hold your breath. You will turn in different positions to demonstrate various portions of the kidneys, ureters, and bladder. A “post-voiding” film will be taken at the end of the examination to see how well the bladder empties.

All your films will be reviewed by the radiologist before you leave the department to assure that no additional films are necessary.

After the examination:

You may resume your normal meals and medications after the examination. The injected contrast material will have no effect on your normal activities, nor will you be able to see it in your urine.

The radiologist will study your films and dictate a report which will be sent to your physician within 24 hours.