



Naval Medical Center Portsmouth
Urology Clinic
757-953-2341/2342

INTRAVENOUS PYELOGRAM (IVP) INFORMATION SHEET

INDICATIONS: The Intravenous Pyelogram (IVP) gives your physician information about the anatomy and function of kidneys, ureters, and bladder as iodinated contrast dye is injected by vein is taken up by the kidneys and transits down the ureters into the bladder.

PATIENT PREPARATION: Patients scheduled for an IVP should report to the Urology Clinic approximately 30 minutes prior to the study to check in. Patients who are pregnant, or suspect they may be pregnant, should not, in general, undergo an IVP.

OLDER CHILDREN AND ADULTS:

1. Two Dulcolax laxative tablets at 1400 the afternoon before the examination.
2. Light evening meal the day prior to the examination.
3. *Nothing by mouth after midnight.

❖ Medications may be taken anytime with a small amount of water. **DO NOT TAKE METFORMIN (GLUCOPHAGE)** or any medication containing this substance such as **AVANDIA MET, METAGLIP, OR GLUCOVANCE**, and the day of the procedure or 48 hours after procedure is completed. All patients who are scheduled for an examination after 1200 may have small amounts of liquids up to 1000 the day of the examination.

TECHNIQUE: After checking into the Urology Clinic, you will be sent down to the Urology X-Ray suite. The Urology Technician will position you on the x-ray table and take an x-ray. Iodine contrast dye will be injected into a vein. A series of x-rays will be taken as the dye progresses from the kidneys down the ureters to the bladder. You will be asked to go to the bathroom and void. A final picture will be taken to assess how well you emptied your bladder.

RISKS/COMPLICATIONS/SIDE EFFECTS: Most patients have no difficulty at all with the contrast injection. Very few have the side effect of an overall warm sensation or a metallic taste in their mouth for a few minutes. Some will feel nauseated or have the urge to vomit. These sensations pass very rapidly. Approximately 5 of every 100 patients will have a mild allergy to the contrast and develop itchy skin or hives. This also passes quickly or can be easily treated with an injection of an antihistamine. Approximately 1 of every 40,000 may have a severe allergic reaction which causes difficulty with blood pressure and/or breathing. This extremely rare type of reaction requires heroic measures such as medication and possible cardiopulmonary resuscitation (CPR) to treat.



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WHEN TO NOTIFY YOUR UROLOGIST:

Notify your Urology Technician if:

- *you have an **ALLERGY TO IODINATED CONTRAST**
- *you had any reaction to IV contrast in the past
- *you have multiple myeloma
- *you have diabetes
- *you have asthma
- *you are pregnant or think you may be pregnant
- *you have sickle cell disease or any other blood diseases

A Urologist or the Urology Technician will be happy to answer any questions you may have.