

Intravenous Pyleogram (IVP)

To Schedule: (319) 861-7778

Questions about Procedure: (319) 398-6050

701 10th Street SE
Cedar Rapids, IA 52403-1292
319 398-6011

What is an IVP?

An intravenous pyleogram, or IVP, is an x-ray of your kidneys and urinary bladder. You will receive an injection of contrast medium into a vein in your arm just before the x-rays. A series of pictures is taken as the contrast medium moves through the urinary tract, revealing the outline of structures in the kidneys, ureters, and bladder. The procedure takes about one hour. A blood test may be required before your IVP (see note).

Preparation:

Day 1 – One day before the exam

1. From 12 noon of the day before your appointment, you need to follow a clear liquid diet. Clear liquids include broth, plain jello, clear fruit drinks, black coffee, and tea. Do not eat solid foods until after the exam.
2. As close to 4:00 pm as possible, take four Dulcolax tablets, one at a time, five minutes apart. During the 20 minute period the pills are being taken, you should drink two full glasses of water.
3. Supper will be limited to clear liquids.
4. You may experience some abdominal cramping and may have several bowel movements. Complete cleansing of the bowel is necessary to permit visualization of the kidneys.
5. For the remainder of the evening, clear liquids are permitted as desired.

Day 2 – Day of Exam

1. As close to 6:00 am as possible, insert one Dulcolax suppository rectally.
2. Drink clear liquids until the time of the exam unless you are scheduled to have a cystogram immediately following the IVP. If you are also having a cystogram, you may drink water as desired until 6:00 am and then do not eat or drink anything until both examinations are complete.

Special Notes:

1. A serum creatinine is usually required if you are over 50, diabetic, or have high blood pressure or known kidney disease. Check with your doctor's nurse. If you are to have this blood test done before the IVP, we recommend that you come on a weekday, at least one day before the IVP is scheduled. The blood test must be done within 30 days of the IVP. It may be done on the same day if you come at least one hour before your appointment time, but not before 7:00 am. Whenever you come to have the test done, register at Outpatient Registration (6:00 am to 5:00 pm Monday- Friday) before going to the Laboratory.

2. Please let your physician know if you have an allergy to contrast media. For patients with an allergy to contrast media, another type of exam maybe considered.

**PLEASE BRING THE FOLLOWING TO YOUR APPOINTMENT:
A PHOTO ID TO VERIFY YOUR IDENTITY
A LIST OF CURRENT MEDICATIONS YOU ARE TAKING**

Procedure:

1. The x-ray technologist will explain the procedure and answer any questions.
2. You will lie on the x-ray table while the technologist injects the contrast and takes a series of x-rays.

Follow-Up:

1. You will be free to return home after both the technologist and the radiologist have completed a preliminary check of the x-rays. You may eat and drink normally, unless your doctor has specifically directed otherwise.

Parking/Registration:

Park in the Mercy Medical Center 10th Street Parking Ramp, located at the corner of 10th Street and 8th Ave. SE. You will be pre-registered, so you can proceed to **Ground (G)** level and follow the signs to "Radiology (X-Ray)," also located on Ground (G) level.

Procedure Results (Who interprets the results):

A radiologist will review the images shortly after the exam is completed. A written report will be sent to your doctor. Your doctor will discuss the results with you. Please allow your physician time to review these results, usually 2 business days after the exam.

Your appointment date and time:

Procedure date: _____

Procedure time: _____ (Please arrive 15 minutes early)