

700 Children's Drive  
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nationwidechildrens.org

## IVP (Intravenous Pyelogram)

The purpose of an IVP - intravenous pyelogram (in-tra-VEE-nus PIE-lo-gram) is to look at the size and function of the kidneys and urinary tract (see page 2). This is done by taking X-ray pictures.

### HOW TO PREPARE FOR THE TEST

- Explain to your child what will happen during the test in a way that he or she will understand.
- Your child should wear a T-shirt and sweat pants for this test.
- An infant or child under 2 years of age should not have any food or water for 4 hours before the test is scheduled.
- A child 2 years of age and older should not have anything to eat or drink after 12:00 midnight if the test is scheduled for the morning. If the test is scheduled for after 12:00 noon, the child should not have anything to eat or drink for 6 hours before the test.
- **Be sure to tell the technologist if you think you may be pregnant.**

### HOW THE TEST IS DONE

- You may stay with your child during the test.
- Your child will lie on a long table with a large camera over it. The camera will not touch or hurt him.
- A nurse will put a small needle into a vein in your child's arm or foot. Your child will feel a little sting, but not for very long. A clear liquid called *contrast* will be put into the vein.
- Your child may get a warm feeling throughout the body and a "metal taste" in the mouth when the contrast is given.
- The contrast contains iodine. It flows through the blood vessels throughout the body. It then goes into the urinary system and makes the kidneys, ureters, and bladder show up on the X-ray film.

#### For Outpatient Use Only

Child's name \_\_\_\_\_

#### APPOINTMENT:

Date \_\_\_\_\_

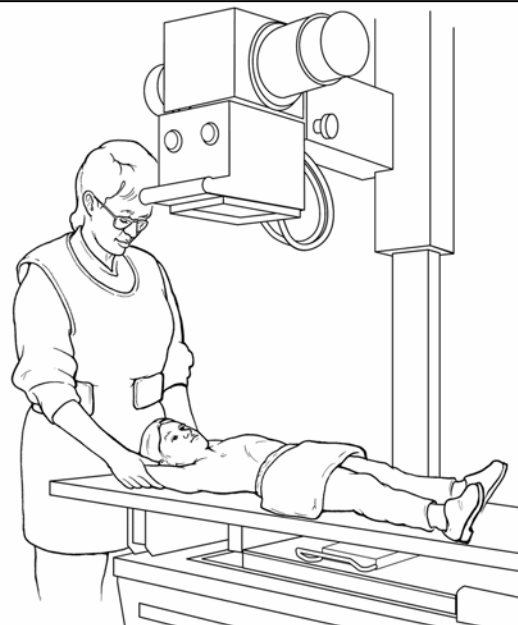
Procedure time \_\_\_\_\_

**Please arrive 10 minutes before the procedure time to register.**

Bring your child to:

- The Radiology Department Registration Desk, first floor of the main building of Children's Hospital.

**If you need to cancel your appointment or reschedule, call (614) 722-6200.**



**Picture 1** Having an IVP.

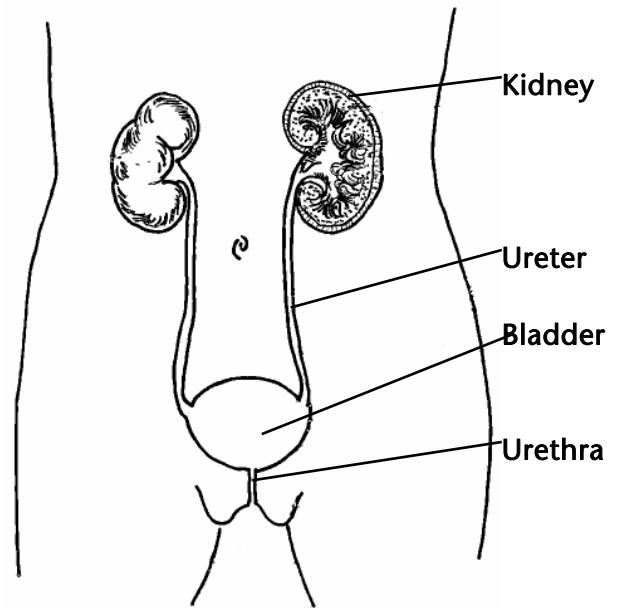
### HOW THE TEST IS DONE (continued)

- While the X-rays are being taken, your child will hear a beep from the machine. He should lie very still. The X-rays do not hurt.
- The X-rays are taken several times after the contrast is put into the vein. The amount of time the test takes depends on how fast the contrast goes through the body.
- For children on clean intermittent catheterization, the bladder will be catheterized at some point while the X-rays are being done.

### AFTER THE TEST

- Your child may eat his usual foods and return to normal play.
- When the X-ray report is ready (usually 24 to 48 hours after the test), your doctor will explain the test results to you.

If you have any questions about your child's test, please call the Department of Radiology at (614) 722-2350.



**Picture 2** The urinary system inside the body.