

IVP

Excretory urogram

What is an IVP or excretory urogram?

IVP stands for intravenous pyelogram. An IVP is a test that uses X-rays and a contrast agent to look at your child's kidneys, ureters and bladder. The contrast agent is put in your child's body by IV. The test X-rays show your child's basic anatomy and how their urinary system functions and drains. This test can also be called an excretory urogram.

How do I prepare my child for the test?

Make sure your child has had a serving of non-carbonated fluid (like water, Gatorade or Pedialyte) before you come for the test. Your child should be hydrated. Please follow these eating instructions prior to the test:

- Stop solid food and milk 3 hours prior to the test.
- Stop liquid 1 hour prior to the test.

Dress your child comfortably, in clothes that are easy to take off. Sweats are a good choice. Your child will be given a gown to change into for the test.

If your child has an allergy to radiographic contrast, we will give you more instructions for how to prepare for the test.

How do we check in for the appointment?

Arrive 30 minutes before your scheduled appointment. Being late can affect other appointments and can delay your appointment.

Check in at the 4th floor registration desk inside the Whale entrance. After you complete registration, you will be directed to the Radiology reception area.

Upon arrival, females 12 years and older will be required to provide a urine sample for pregnancy screening.

If you will be late or have questions about testing, please call Radiology at 206-987-2133.

What happens during an IVP?



A nurse will weigh your child and ask about allergies. This information helps us know how much contrast material to give during the test. Then the nurse will place an IV in your child's arm, hand or foot. Your child will only feel a little discomfort, like a mild pinch. Once the IV is in place, the Radiology Department will be told that you are ready. A technologist will come to the nursing station and bring you and your child to the Radiology Department.

The technologist will explain the test to both you and your child. The technologist will take an X-ray before the test. A doctor called a

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radiologist will look at the X-ray and your child's history. The radiologist will then come into the exam room and talk to you and your child, to confirm all information about your child's symptoms and allergy history. The doctor will inject the contrast agent through the IV tube that was already placed. Your child may feel a warm or a cool sensation during the injection. The contrast agent will highlight your child's kidneys and show how they drain liquid down the ureters into the bladder.

We will take many X-rays during the test. We may ask your child to change positions for some of the X-rays.

You can stay with your child during the test, unless you are pregnant or may be pregnant. Please make other arrangements for siblings. If you are or may be pregnant, please make sure there is someone else at the appointment who can be in the exam room with your child, if needed.

The IVP test can take from 30 minutes to more than 1 hour, depending on how your child's urinary system works.

What happens after the test?

There are no special instructions for your child to follow after the test.

The X-rays from your child's test are reviewed within 24 hours, and a report will be sent to the doctor who ordered the test.

TO LEARN MORE

- Radiology 206-987-2133
- Your Child's Healthcare Provider
- www.seattlechildrens.org

Seattle Children's will make this information available in alternate formats upon request. Please call the Family Resource Center at 206-987-2201.

This handout has been reviewed by clinical staff at Children's Hospital. However, your child's needs are unique. Before you act or rely upon this information, please talk with your child's healthcare provider.



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