

700 Children's Drive  
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nationwidechildrens.org

## ULTRASOUND SCAN

Ultrasound equipment uses sound waves to make a picture of the inside of different parts of the body. The picture can be seen on a TV screen. This picture is transferred to regular X-ray film for the doctor to view.

Different preparation is needed for this test depending on the part of the body being scanned.

If your child's test is not listed below or on the next page, there is **NO** preparation. The doctor or nurse will check the directions (below) that you will need to follow to prepare your child for the test.

### For Outpatient Use Only

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

APPOINTMENT: Date \_\_\_\_\_

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

Please bring your child to the ULTRASOUND Department located on the 1<sup>st</sup> floor in the main hospital next to the Radiology Department.

Please come to your appointment 10 minutes before procedure time to allow time to register.

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

Ultrasound	General Instructions	If your child is:	Age-related Instructions
<input type="checkbox"/> <b>ABDOMEN</b> (includes gallbladder, pancreas, spleen, liver, and kidney)	Your child should have no carbonated beverages (soda pop) 24 hours before the test. Give your child a <b>low fat meal</b> the evening before the test (no fried foods).	0 to 1 yrs. old  2 – 9 years old  10 yrs. and up	NO food or drink 4 hours before the test.  NO food or drink 6 hours before the test.  NO food or drink 8 hours before the test.
<input type="checkbox"/> <b>RENAL</b> – kidney and bladder	Your child may have a normal breakfast or lunch. He or she will need to arrive at the hospital with a comfortably full bladder. He should use the toilet before leaving home for the test. On the way to the hospital have your child drink the amount of liquids on this chart. He <b>should not urinate</b> after starting to drink the liquids.	If your child is not yet toilet-trained  3 to 5 years old  6 to 10 years  11 yrs. and up	Encourage him or her to drink fluids one hour before the test.  Drink 8 ounces (Juice box or glass of water)  Drink 16 ounces  Drink 32 ounces
<input type="checkbox"/> <b>PELVIS - uterus, ovaries, or appendix</b>	Your child may have a normal breakfast or lunch. Your child <b>MUST</b> have a full bladder for this test. If the child's bladder is not full upon arrival, we may have to reschedule or use a catheter (small tube) to fill the bladder.	0 to 2 years  3 to 5 years  6 to 10 years  11 to adult	Encourage you child to drink fluids one hour before the test.  Drink 8 ounces of liquid 1 hour before the test. Encourage your child not to use the toilet.  Drink 16 ounces of liquid 1 to 1 ½ hours before the test. Do not use the toilet.  Drink 32 ounces of liquid 1 ½ to 2 hours before the test. Do not use the toilet.

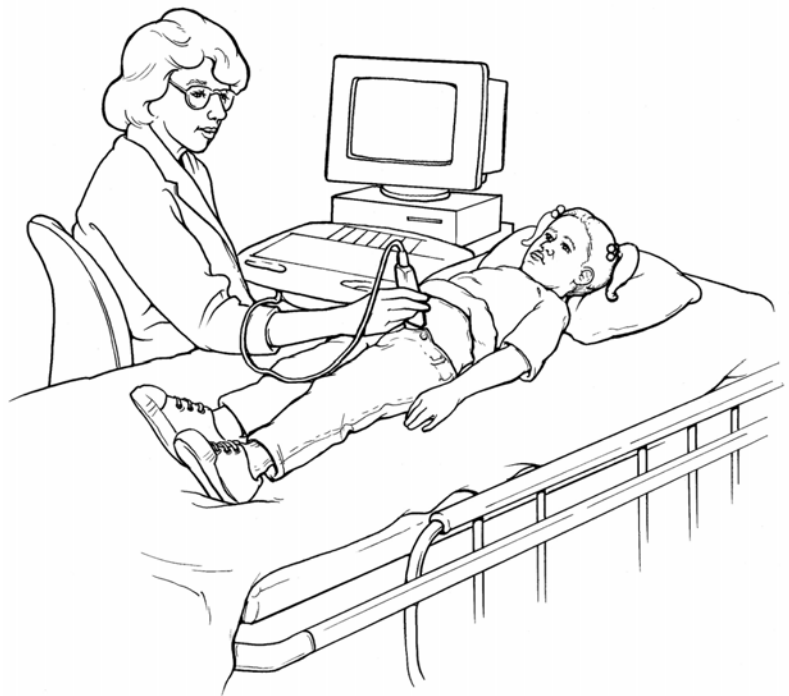
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Type of Ultrasound	General Instructions
<input type="checkbox"/> <b>HIP</b>	Please bring your child hungry and tired. Please bring a bottle. You will be able to feed your child during the test. This makes the test much easier for your child.
<input type="checkbox"/> <b>BRAIN</b> kidney and bladder	Please bring your child hungry and tired. Please bring a bottle. You will be able to feed your child during the test. This makes the test much easier for your child.
<input type="checkbox"/> <b>OTHER</b> - _____ No preparation is needed.	

- The ultrasound test takes about 30 to 60 minutes to complete.
- Two adults are allowed in the exam room with the child. All other children will have to wait in the reception area.
- A VCR is provided so your child may bring a favorite video to watch during the test. You may also want to bring a favorite toy or book to keep your child entertained.

**HOW THE TEST IS DONE**

- In the Ultrasound Room your child will see a machine with a small TV screen on it. A special camera is connected to the machine by a long cord. The machine uses sound waves to make a picture. Next to the machine is a hospital cot.
- Warm lotion will be put on your child’s skin over the part of the body being tested.
- The lights will be turned down so that you will be able to see the image on the TV. Your child must hold very still during the test.
- The technologist will move the camera gently across the skin to make pictures of the inside of the body. The camera will touch your child’s body, but it will not hurt. It might make him laugh if he is ticklish. You and your child can watch the pictures on the TV screen as they are being made.



**Picture 1** Having an ultrasound scan.

**AFTER THE TEST**

- The lubricant (gel) will be wiped off your child’s skin.
- It will take about 15 minutes to check all the pictures. A radiologist may also want to take some pictures. Then you may leave.
- After the results are completed, the report will be sent to your doctor. The technologist will not be able to give you the results. Your doctor will discuss the results of the test with you.
- If you have any questions, be sure to ask your doctor or technologist, or call 722-2376.