

What to Expect
When You Come for your
CEVUS
at Seattle Children's



A note about this book:

This book is for children of all ages. It explains a common patient experience of coming to a CEVUS. CEVUS stand for contrast-enhanced voiding urosonography. Because children have different reasons for coming for this procedure, some sections may not apply to your child. Some children can cope with a lot of information. Others become anxious with too much information. You know your child best. Choose what sections to share.

What you can do

We encourage you to be present and supportive of your child during the appointment. Ask your child and staff how they can help. Please feel free to bring your child's favorite comfort item and snacks.

For more information

For questions or to schedule a consult with a Child Life specialist (includes medical play, coping strategies and/or a tour), please contact:

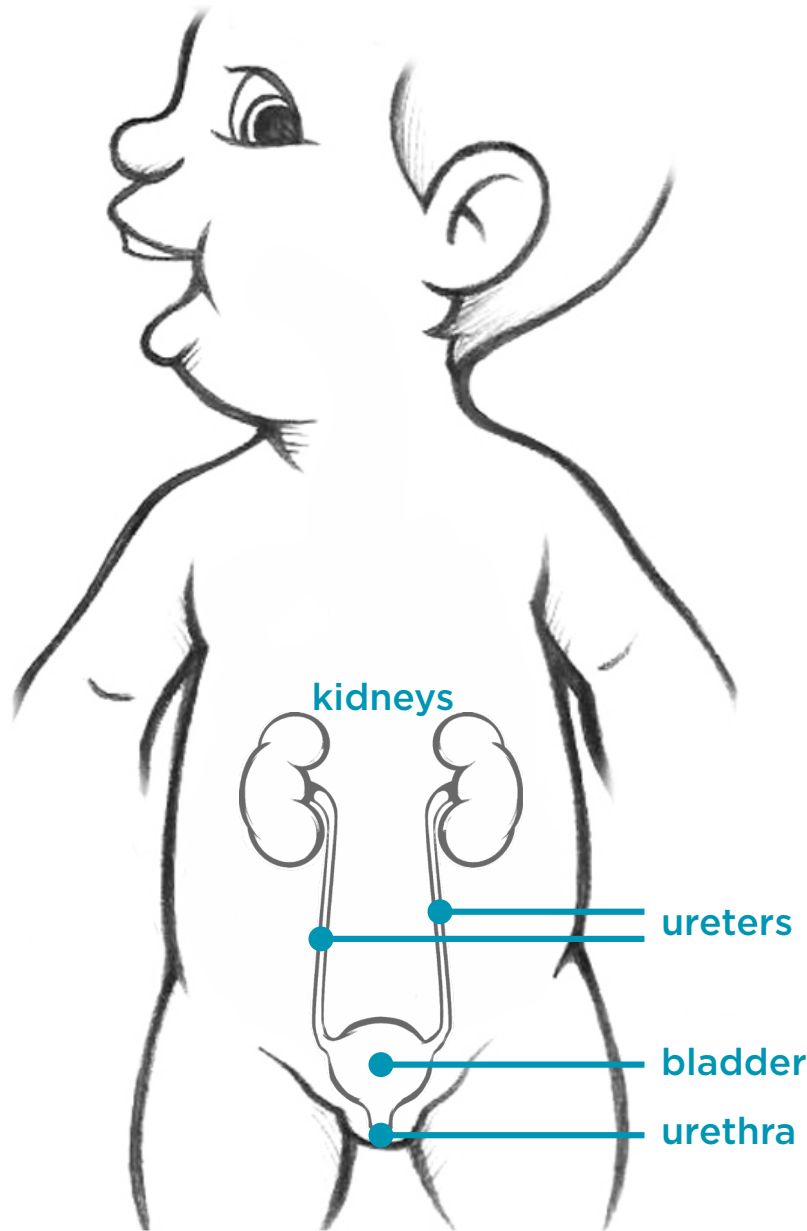
Seattle Children's Radiology Child Life Specialist
206-987-2366

You are coming to the hospital for a CEVUS (contrast-enhanced voiding urosonography). Many kids come to Children's for this same procedure.

You might have a lot of questions. Read on to learn what your day will be like.

Who do you think you will meet? What are they going to do?





During your CEVUS, the doctor will take pictures of the parts of your body that make and store pee to see how they are working.

The parts of your body that make and store pee are your kidneys, bladder, ureters and urethra.

A doctor looks at the pictures to see if all of the pee comes out of your bladder when you pee, and none of it stays inside your body or goes back up into your kidneys (this is called reflux).

When you come to Seattle Children's with your parent or caregiver, first you will stop at the entrance desk to check in.

Then you will go to the patient registration desk, and they will give you a bracelet that has your name and birthday on it.

Then you will go to a waiting room until it is your turn. Feel free to bring an activity to play with while you wait.



Many people will want to look at your bracelet. How many people do you think will ask to see it?



Some kids who come for a CEVUS get relaxing medicine called sedation. If you are getting sedation before your pictures, you will go to the Radiology Anesthesia area first.

The nurses there will weigh you and check your temperature and blood pressure. This is to make sure you are healthy for the medicine.

Once you take the medicine, you will be in the room until it starts working.

You might feel sleepy, silly, or maybe just like everything feels funny.



When it is your turn, a radiology technologist will call your name. The radiology technologist is the person who will do your procedure. You and your caregiver will walk to the ultrasound room. This is where you will get ready for the CEVUS.

The technologist will give you a hospital gown to wear during your test. You can change back into your regular clothes later to go home.





To see how your bladder works, the radiology technologist will place a small, soft, flexible tube where your pee comes out. This tube is called a catheter. It is about the same size as a spaghetti noodle.



To help the catheter stay in place, the technologist will tape it to the top of your leg. This tape will come off when the catheter slides out at the end of the test.

A Child Life specialist can show you what a catheter is like or help you play with a doll before the test.

When the technologist is ready to begin, you will be asked to do this:

Girls: Make frog legs or butterfly legs by touching the bottoms of your feet together.

Boys: Lie down with your legs straight.

Next, the technologist will clean the area where you go pee with a brown soap and then apply numbing jelly so that you won't feel the catheter as much. Then, the catheter will be gently placed.

The jelly is applied by squirting it through a syringe — it is not a shot!





During this time, your job will be to lie still and take slow, deep breaths. Some kids choose to blow bubbles, play on the iPad, read a book or play with their parents/caregiver.

Once the catheter is inside your bladder, a clear liquid called contrast will flow through the tube and fill your bladder. The contrast is inside a bottle that hangs from a pole near your bed.

The contrast helps the camera take a good picture of your bladder and the inside of your body. It makes it easier for the doctor to see the pictures.

The contrast will slowly go through the tube, filling up your bladder until it is full.

What will you do to help your body relax?

Your pictures will be taken using an ultrasound. An ultrasound is a way to look inside your body using a wand that is moved over your skin. The lights in the room will be turned down so the ultrasound pictures can be seen on the screen.

A gel is placed on the skin to make the wand slide easily over your skin. Sometimes the gel feels cold, sometimes it feels warm! Some kids say that the wand tickles!

When your bladder is full and the radiologist has all of the pictures they need, they will ask you to pee.

The table is made to pee on, and they have extra pads that help the pee stay on the bed. There is also a bedpan that you can use if you want.





While you are peeing, the picture wand will be placed where your pee comes out.

Once you start peeing, the technologist will remove the tape and the catheter will come out.

After you have all the contrast out of your body, you are done! You can get dressed again.

What will you do after you are finished with your CEVUS?

Free Interpreter Services

- In the hospital, ask your child's nurse.
- From outside the hospital, call the toll-free Family Interpreting Line, 1-866-583-1527. Tell the interpreter the name or extension you need.

Learn more about what to expect during a visit to Seattle Children's on our website:
www.seattlechildrens.org/photobooks



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www.seattlechildrens.org

Seattle Children's offers interpreter services for Deaf, hard of hearing or non-English speaking patients, family members and legal representatives free of charge. Seattle Children's will make this information available in alternate formats upon request. Call the Family Resource Center at 206-987-2201.

This handbook has been reviewed by clinical staff at Seattle Children's. 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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