Pediatric Ce-VUS

Guide for Caregivers

Lots of families have questions before their child's Ce-VUS exam. Below are some common questions:

What is it?	Ce-VUS stands for "contrast-enhanced voiding urosonography." It is a type of ultrasound that helps diagnose problems in your child's urinary tract. The urinary tract includes your kidneys, bladder, ureters, and urethra. This system creates pee and gets the pee out of your body.
What do you use during this exam?	We put a catheter (which is a small tube) into your child's urethra and fill their bladder with contrast (a type of liquid that helps us see what's happening inside their body). We then use ultrasound technology to take a look at how their urinary tract is working.
What happens during the exam?	A highly trained sonographer (the person who is the expert at using the ultrasound) will first clean the genital area using swabs, put the catheter in place, and then take ultrasound pictures while your child's bladder is being filled with the contrast liquid. Once their bladder is filled, they will pee out the contrast liquid and the sonographer will continue taking pictures of their bladder.
Will my child need anesthesia?	No – your child will be awake during this exam.
I'm worried my child won't cope well with this exam, what should I do?	Both locations have Certified Child Life Specialists to help your child cope with the exam. The **Main Hospital location** has additional coping support available. Please talk to your provider before your appointment is scheduled to see which location is best for your child.

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Where do I go?	If your appointment is at the **Main Hospital** (225 E. Chicago Avenue, Chicago, IL 60611): go to the **2nd floor to check-in** at the security desk. You will then go to the **4th floor** where you will check-in again for your appointment so we know you're here. An ultrasound technician will call you from the waiting room when it's your child's turn. If your appointment is in **Westchester** (2301 Enterprise Drive, Westchester, IL 60154): Check in for your appointment at the front desk so we know you're here. An ultrasound technician will call you from the waiting room when it's your child's turn.
What can I bring?	You can bring any of your child's comfort items. This can be a favorite stuffed animal, toy, or blanket. We will also have some play items in the room. If your child still uses a pacifier and/or diapers, please bring those items.
Who can be at the appointment?	You and another caregiver can be in the room during the entire exam.
How can I support my child during the exam?	During the exam you can be right by your child's side. You know them best! Feel free to put on music, sing, or play with your child during the exam. We have some play items in the exam room, if needed.
Can my child eat and drink on the day of the exam?	Yes.
Can my child use the bathroom as normal on the day of the exam?	Yes.
Is this a painful exam?	This exam shouldn't be painful, but parts of it may be uncomfortable for your child. When we place the catheter, your child may feel some pressure.

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What can we do to help my child through the exam?	There are some options to help with the discomfort – these options are based on your child's age. Ask your ultrasound technician about what is right for your child. • For younger infants we can put "sucrose" (a sugar/water mixture) on their pacifier to help them not focus on the discomfort of the exam. • For older children we can use a numbing cream called "lidocaine" for this exam. In addition, you can play any type of music, sounds, stories, etc. on your personal device to help keep your child relaxed. We also have sound and light machines, toys for kids of all ages, and other helpful coping tools that you can use. Please ask someone on the team for any of these items that may be helpful **before** the start of the exam.

Please let us know if there's anything we can do to support you and your child!

Main Hospital

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