

Renal scan

Renal scan

A renal scan shows us how well the kidneys are working. The scan may also find areas that are blocking the flow of urine.

Urinary system

Renal is another name for the kidneys. The kidneys remove waste products from the blood. These waste products pass as urine.

Urine flows out of the kidneys through the ureters and into the bladder where it is stored. The urethra is the tube that connects the bladder to the outside of the body. Urine passes through the urethra. We call this passing urine, urinating or voiding

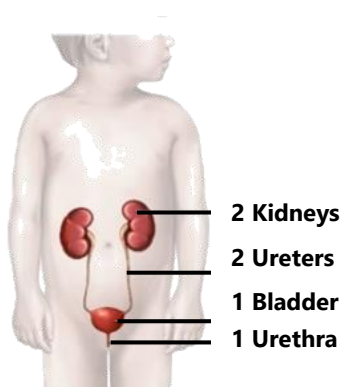


Diagram of the urinary system

How we do the renal scan

A member of our Radiology team will meet with you. We will ask about your child's medical history and about medicines and

allergies. We will tell you about the renal scan and answer your questions. Your child will put on a hospital gown and lie on a firm bed in a dimly lit room.

IV and urinary catheter

We place a small tube called an IV (intravenous) into a vein (usually in the hand or arm) and tape it in place. This allows us to give the medicines we need for the scan. Please ask us about our comfort menu. We have numbing medicines and other ways to help ease the discomfort and anxiety when starting an IV.

We gently place a small soft tube called a catheter into the urethra (the opening where the urine comes out). We then guide the catheter up into the bladder. It only takes a few minutes to place the catheter. Your child may feel a little uncomfortable. It is important to keep the bladder empty during the scan.

Radioactive material

We inject a small amount of radioactive material into the IV tubing. This helps us see the kidneys. The radiation dose is very low and does not cause a serious health risk.

Lasix™

Lasix is a diuretic that helps your kidneys remove extra fluid from the body. We may need to give Lasix during the scan to help with the diagnosis. We inject Lasix into the IV tubing.

Child life specialist

It is important for your child to lie still for one hour while we take the pictures. Your child can bring a favorite toy, a DVD to watch, or a blanket to snuggle with during the scan.

A child life specialist may be available to explain the procedure to your child using special words, toys and games developed for each age group.



Picture of a child having a renal scan

Please let us know if you or your family would like to visit with a child life specialist before the exam. You can call Child Life if you have any questions or concerns at 682-885-2677.

Special instructions

Please allow 4 hours for your visit.

Go to Patient Registration at your child's scheduled **arrival** time.

Your child can eat and drink before the procedure.

Please call us as soon as possible if you are unable to keep your child's appointment.

A caregiver may stay in the room during the procedure. Please do not bring other children. Your child will need all of your attention during the procedure.



For female patients 10 years and older, we need to complete a pregnancy questionnaire and may do a pregnancy test.

After the renal scan

Your child may eat and drink as usual and return to normal activities.

A Radiologist will read the exam and send the report to your child's doctor to review. Their office will share these results with you.

Radiology

For contacts and locations visit:

www.cookchildrens.org/services/radiology/contact-us/

or



These instructions are only general guidelines. Your health care provider may give you special instructions. If you have questions or concerns, please call your health care provider