



Patient Exam Prep Information

Renal Ultrasound

What is ultrasound?

Ultrasound produces pictures of the inside of the body using sound waves. Ultrasound imaging is also called ultrasound scanning or Sonography. It uses a small probe called a transducer and gel placed directly on the skin. High-frequency sound waves travel from the probe through the gel into the body. The probe collects the sounds that bounce back. A computer uses those sound waves to create an image. Ultrasound exams do not use radiation. Because images are captured in real-time, they can show the structure and movement of the body's internal organs. They can also show blood flowing through blood vessels.

What is a renal ultrasound?

A Renal ultrasound is a noninvasive exam that uses ultrasound waves to produce images of your kidneys. These images can help your doctor evaluate the location, size, and shape of your kidneys as well as blood flow to your kidneys.

How to prepare for a renal ultrasound?

Drink a minimum of 24 ounces of clear fluid at least one hour before your appointment. Do not empty your bladder prior to the procedure, you will be asked to empty your bladder during the exam.

For a video describing an ultrasound visit <https://youtu.be/5emUmWgfpl0>