

Renal Doppler Ultrasound



A Renal Doppler Ultrasound is a procedure that uses sound waves to "see" inside your body. This procedure is used to detect a mass, cyst, kidney stone, or other obstruction in the kidney arteries and veins

How to Prepare for Your Renal Doppler Ultrasound:

- **Before Your Exam:**
 - Do not eat or drink anything for 8 hours before your exam (NPO), as this may impact the accuracy of the study.
 - Water with any medication is allowed.

- **During Your Exam:**
 - The ultrasound technologist will explain your exam and answer any questions you may have.
 - Your procedure will be performed with you lying on the examination table on your back.
 - The technologist may ask you to turn on your side to get a better view of your kidneys.
 - The technologist will apply warm gel to your abdomen.
 - A transducer, a small microphone-like device, will be placed over various locations on your abdomen.
 - The technologist may ask you to hold your breath intermittently during the exam. During this specific exam, holding your breath is very important.
 - You will not feel any pain; however, you will feel mild pressure from the transducer.
 - Sound waves will bounce off the muscle, tissue, and organs in your body, and the blood moving in your new kidney. This creates "echoes." The echoes are reflected in the transducer.
 - A monitor shows images as the transducer converts the echoes to electronic signals. These images may be viewed immediately or photographed for further study.
 - Your exam could take approximately 30 minutes.

- **After Your Exam:**
 - There are no post-exam instructions.
 - A specialist will interpret your ultrasound study, and the results will be provided to your physician. Your physician will discuss these results with you during your next office visit.

If you have any questions or concerns about your procedure, contact our office at 702-877-1887.