

WHAT IS A RENAL ULTRASOUND?

A renal ultrasound produces images of the kidneys. A Doppler ultrasound study may be part of a renal ultrasound examination. Doppler ultrasound is a special ultrasound technique that evaluates blood flow through a blood vessel, including the body's major arteries and veins in the abdomen.

WHAT TO EXPECT

You will lie on the exam table face up. A clear water-based gel is applied to the area of the body being studied to help the transducer (ultrasound probe) make secure contact with the body and eliminate air pockets between the transducer and the skin that can block the sound waves from passing into your body. The ultrasound technologist then presses the transducer firmly against the skin in various locations, sweeping over the area of interest or angling the sound beam from a farther location to see an area of concern better. Images are captured on a monitor and later reviewed by the radiologist.

The scan takes approximately 30 minutes.

HOW TO PREPARE

Follow these guidelines:

- Adults will be asked to drink 24-36 ounces of water the day before the exam. Children are to drink 24 ounces of water.
- Depending on the part of your body getting the ultrasound, you may be asked to remove some or all of your clothes and change into a hospital gown

RESULTS

A radiologist will review your images and send a report to your doctor who ordered the test in 48 hours. You'll get a call from your doctor's office to discuss the results and next steps. To check your results in our secure, online patient portal, My UNC Chart, visit www.myuncchart.org.