

## **RENAL ARTERIAL ULTRASOUND**

**OVERVIEW:** The sonographer examines the right/left renal (kidney) parenchyma/echogenicity. The sonographer also examines the right and left renal arteries coming from the aorta, as well as the cortical/medulla arteries within each kidney.

**PREPARATION:** For this exam, the patient must not have anything to eat or drink after midnight; Or, 6 hours depending on the appointment time. The patient should take an antacid 30 minutes prior to the exam.

This test can rule out and diagnose a number of problems such as (not limited to):

- Benign or Malignant Hypertension
- Atherosclerosis of renal artery
- Abdominal bruit or weak pulse
- Renovascular hypertension (high blood pressure related to the kidneys)
- Vascular disorders of the kidney
- Unexplained renal insufficiency

The reason for the test will depend on your symptoms.

**THIS ULTRASOUND WILL TAKE ABOUT 45-60 MINUTES AND THE REPORT WILL BE BACK TO YOUR ORDERING PHYSICIAN WITHIN 24-48 HOURS.**