

UnityPoint Health - Finley Hospital Radiology Patient/Family Information  
**Nuclear Medicine Renal Scan with Ace Inhibitor**  
**(For Hypertention)**

**What is a Renal Exam?**

A Nuclear Medicine renal scan is a diagnostic scan used to detect or rule out kidney disease.

**Special Note**

Before the exam, please tell your doctor if you are or think you may be pregnant or are nursing.

**Preparation**

Please bring your medication list with you to your exam.

Depending on your physician's request, you may be instructed to not take some of your medications for a determined number of days before your exam.

You will also be asked to drink extra water. 1 hour before the exam time = 16 ounces of water

You may also be instructed not to eat for 4 hours before the exam time.

**What Happens During the Test?**

**Patient must be off Ace inhibitors for two days and diuretics the day of study.**

A Nuclear Medicine technologist will perform the exam.

1. Captopril renal scan is a two part study. The patient is instructed to hydrate prior to the test. Upon arrival, an IV is placed into the arm into which an IV radioactive tracer is injected. Images are acquired for 30 minutes. After imaging is complete, you will be allowed to get up and drink another glass of water, empty your bladder, and then get on the table again. A nurse injects Vasotec through the IV over 5 minutes. After a 10 minute wait, a radioactive tracer is injected again. The kidneys are then imaged for 30 minutes. At about 5 – 8 minutes post tracer injection, Lasix is given through the IV. During the Captopril study multiple blood pressures will be taken. After the images are completed, you will be allowed to leave.

**When Will I Know the Results?**

The radiologist will review and interpret the scan shortly after the exam is completed. A written report will be sent to your doctor. Your doctor will discuss these results with you.

Please allow your physician the time needed to review these results.

Name: \_\_\_\_\_

Exam Date/Time: \_\_\_\_\_