



Captopril Renogram (Kidney Scan)

Patient: _____ Appointment Date: _____

Appointment Time: _____ am/pm

Location: Nuclear Medicine Department 1st floor at Mankato Clinic
1230 East Main Street Mankato, MN 56001
Please enter the Mankato Clinic front door (marked #50)

Please check in at the Nuclear Medicine Department.

If you are unable to keep your appointment or have questions, please call 507-389-8519.

What is a/an Captopril Renogram (Kidney Scan):

This test is an imaging procedure that is used to diagnose renovascular hypertension (high blood pressure) resulting from narrowing of the arteries that carry blood to the kidney(s). This study is utilized when a health care provider suspects that problems in the kidney(s) may be causing a patient's high blood pressure.

How do I prepare for the test:

- Before scheduling your test, please tell your provider if you are:
 - Pregnant or think you may be pregnant or breastfeeding.
 - Your provider should instruct you if you should stop taking any blood pressure medications and/or ACE inhibitors 48 hours before the test. Please ask your provider if you have questions regarding your medication.
- To provide the best service and ensure your safety, young unsupervised children should not accompany parents to their imaging appointments. Safety practices limit the number of people in the testing room and young children are not to be left unsupervised while in the waiting room or lobby. This will also ensure you can relax during the test which will result in better image outcomes.
- We recommend that you contact your insurance company prior to your appointment to understand what your coverage is for this test.
- Day of test:
 - Drink plenty of fluids to be well hydrated for the test.
 - Use the restroom before the test.

What will happen during the test:

There are 3 parts to this test: a scan, a waiting period, and another scan. There is a significant amount of time that you will be sitting in the waiting room. We suggest bringing a book, tablet or a quiet activity that you can do in the downtime between images.

- **Part 1:** A technologist will take your blood pressure.
 - A technologist will start an intravenous (IV) line in your arm or hand and you will receive a radioactive material through the IV.
 - You will lie on your back on the imaging table while a special camera takes images of your kidneys for 30 minutes. You must lie still during the test.
- **Part 2:** You will be given a blood pressure medication called Captopril. Your blood pressure will be monitored for up to 60 minutes.
- **Part 3:** You will receive a second injection of radioactive material through the IV.
 - You will lie on the table for another 30 minute scan of your kidneys. You must lie still during the test.
- Total test time can be up to 2 hours

Instructions for after your test:

- Your provider will share the results of your test with you at your follow-up appointment. If you do not have a follow-up appointment, your provider may contact you by letter. If not, you may contact your provider's office five to seven business days after your test to obtain results.
- The technologist will remove the IV.
- You may return to your normal activities immediately.