

Regional Medical Center
709 W Main Street, Suite 100
Manchester, IA 52057
800/982-1959 or 563/927-2855

Unitypoint.org/cardiologyclinic

Appointment:

Date: _____

Time: _____

Nuclear Medicine Renal Scan

What is a Nuclear Medicine Renal Scan?

A Nuclear Medicine renal scan is a diagnostic exam used to evaluate kidney function and kidney anatomy. It is commonly ordered to determine if renal vascular disease is the cause of hypertension. It is also used to determine the functional status of each kidney in patients with obstruction. Anatomic imaging may be useful in following patients with severe kidney disease.

Special Note

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

Preparation

Do not eat solid food 4 hours prior to your test.

Unless your physician directs you otherwise:

- Drink 16 oz. of water 2 hours before your test.
- Drink an additional 16 oz. of water 1 hour before your test.

Medications:

A nuclear medicine technologist will contact you with instructions on holding medications classified as a diuretic or ACE inhibitor for the test.

Nuclear Medicine 563/ 927-2855

It is important that you understand your testing procedure. We encourage you to ask any questions of your doctor, nurse or Nuclear Medicine personnel.

What Happens During the Test

A Nuclear Medicine technologist will perform the exam. There are three different types of renal exams that may be ordered by your physician. The type of exam being performed is determined by your medical necessity.

- 1) You will be given an injection in a vein in your arm and images will be done immediately after the injection. The images take approximately 30-40 minutes. When imaging is completed, you will be allowed to leave.
(or)
- 2) You will be given an injection in a vein in your arm and asked to return 4 hours later for images that take approximately 30 minutes. When imaging is completed, you will be allowed to leave.
(or)
- 3) Occasionally two scans are done on the same day. One exam is a baseline study and another exam is done after an ACE-inhibitor (a pill) is given to determine if there is a narrowing of the kidney blood vessel. This will take 2 – 2 ½ hours.



UnityPoint Health

Cedar Rapids

CARDIOLOGY CLINIC

Nuclear Medicine Renal Scan

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.

Important Billing Information

If you are unable to keep your testing appointment, you must contact UnityPoint Health-Cardiology Clinic 24 hours prior to your test time. Scheduled testing appointments that are missed or cancelled without the 24 hour advance notice may be subject to charges for pharmaceuticals or supplies specifically ordered for your test.