

Renal Scan with ACE Inhibition

Your physician has requested that you have a renal scan. This test is a simple, noninvasive way to evaluate if hypertension (high blood pressure) is caused by a kidney problem. The renal scan is a two-part study. A baseline scan is performed first, and then Vasotec (a blood pressure medication) is given intravenously followed by another scan. There are no dietary restrictions either before or after the examination, however, it is extremely important that you stop your blood pressure medications 48 hours prior to the exam. **CHECK WITH YOUR PHYSICIAN PRIOR TO STOPPING ANY MEDICATIONS.** It is also important that you are well hydrated prior to your study and to ensure this, an IV will be started in your arm so fluid may be given. The test requires injection of a very small amount of the radioactive element called technetium through the IV. The radioactivity associated with the renal scan is negligible, there are no ill effects from it.

Requirements for the study:

1. Report to Nuclear Medicine Clinic.
2. The technologist will start an IV and give you intravenous fluids.
3. After adequate hydration the technologists will position you on a scanning table.
4. The radioactive tracer will be injected in the IV.
5. Lie quietly for 20-30 minutes while your kidneys are imaged.
6. Next, blood pressure monitoring will be performed and you will be given a blood pressure medication intravenously.
7. Images will be performed of your kidneys again for 20-30 minutes.
8. Total estimated time for this test is 2 to 2.5 hours.

YOUR APPOINTMENT IS ON _____ AT _____ HOURS

DACH NUCLEAR MEDICINE DEPARTMENT — (254) 288-8290/8291

Medical Records NOT needed.

*To avoid unnecessary radioactive material exposure to your children, please **DO NOT BRING THEM TO THE CLINIC** unless they have a scheduled appointment.