



NUCLEAR MEDICINE DEPARTMENT

Study **Dynamic Renal Scan (Tc99m-Mag3 or Tc99m-DTPA)**

This test is a simple, non-invasive way to evaluate how well your kidneys function and if there is any obstruction. There are no dietary restrictions either before or after the examination.

Procedure

It is extremely important that you are well hydrated prior to your study. We will require you to drink 2 - 3 cups of water unless your primary physician has advised you to restrict your fluid intake.

The test requires an injection of radiopharmaceutical in an arm vein. This injection consists of a very small amount of the radioactive material called Technetium. The radioactivity associated with the renal scan is negligible, and there are no side effects from it.

You have to wait for about 15-30 minutes while the radio pharmacist prepares your injection. The technologist will instruct you to drink 2 - 3 cups of water. You will be requested to empty your bladder before the technologist positions you straight on a scanning table. You will receive an injection into an arm vein, after which you have to lie quietly for 30 minutes while your kidneys are imaged. Lasix will be injected before or during the procedure as decided by the Nuclear Physician.

Then you will be instructed to empty your bladder again and you will be positioned straight on a scanning table for an image with the bladder empty, for about 1 minute. The images will be reviewed by nuclear medicine physician.

Be sure to bring your requisition form with you on your appointment day.

There may be some waiting required as there are multiple studies being performed.

Be assured that our friendly staff members are working hard to serve you promptly.

If you will be unable to attend your appointment or get late then please do inform us in advance as radioactive injections are expensive and can't be used for other patients.