

## **DMSA Renal Scintigraphy (SPECT)**

Department of the test: Nuclear Medicine (NM)

Purpose of the test: To determine normal functioning renal tissue and to evaluate pyelonephritis, renal scar or tumor.

Notes before the test:

1. You will have some radiation in this test.
2. Please don't bring pregnant women or children with you.  
We don't want to expose them to unnecessary radiation.
3. A sedative may be necessary for young pediatric patients. Please keep the young pediatric patient from sleeping before taking pictures.
4. To increase the excretion of radiotracers, fluid intake and voiding are recommended on examination day.

Procedure of the test:

1. Please check in first at our NM service counter.
2. You will have an intravenous line (IV) set in your hand or foot.
3. Our NM physician will inject a small amount of radiotracers through IV line.
4. You will have a break for about 3 hours.
5. You will be asked to lie down on the imaging bed. It takes about one hour to acquire pictures of your kidneys. Please don't move while acquiring images.

Total duration of the test: About one hour.

Adverse drug effect of the test: Very rare