

Direct radionuclide cystography

Department of the test: Nuclear Medicine (NM)

Purpose of the test: to detect/exclude urinary reflux from urinary bladder to ureter(s).

Notes before the test:

1. You will have some radiation in this test.
2. Catheterization is necessary. Diaper is necessary for young pediatric patients.
3. Please don't bring pregnant woman or children with you. We don't want to expose them to unnecessary radiation.

Procedure of the test:

1. Please check in first at NM service counter.
2. You will be asked to lie down on the imaging bed.
3. NM physician will infuse a dose of radioactive tracer through the catheter.
4. Some saline (warmed to room temperature) will be infused into the bladder.
5. You will be asked to void after NM staff remove the catheter if the bladder is filled or you need to void.
6. Pictures are taken continuously after the infusion of a radioactive tracer through the catheter until voiding complete.

Total duration of the test: About one hour.

Adverse drug effect of the test: Very rare.

Complication: Tear of urinary bladder is rarely happened. Surgical repair is necessary if it occurs.