

Tc-RBC Scan

Department of the test: Nuclear Medicine (NM)

Purpose of the test

To differentiate hemangioma from other tumors in the liver

Notes before the test:

1. You will have some radiation in this test.
2. Preparation before your test is not required.
3. Please don't bring pregnant women or children with you.
We don't want to expose them to unnecessary radiation.

On the day of the test

1. Please check in first at our NM service counter.
2. You will have a blood-labeling agent (stannous ion) injected into your arm veins by our NM physician first.
3. After a 20-minute break, a blood sample will be taken for labeling with radioactive pertechnetate ion.
4. After a 60-minute break, the technologist will ask you to lie down on the bed and the camera will be positioned above your abdomen.
5. You will have another bolus of radioactive blood labeling agent (RBC) injected into your arm veins.
6. The scan requires a flow study for about 20-30 minutes and a further 30 minutes of SPECT study for about one to two hours after injection.

Total duration of the test: About two hours.

Adverse drug effect of the test: Very rare.