

Brain scan (SPECT)

Department of the test: Nuclear Medicine (NM)

Purpose of the test:

To detect blood-brain barrier disruptions that may be caused by infection, trauma, brain metastasis or stroke.

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.

On the day of the test:

1. Please check in first at our NM service counter.
2. Our NM physician will inject radiotracers into your vein.
3. Wait about one hour before beginning imaging.
4. You will be asked to lie down on the imaging bed. It takes about 40 minutes for pictures of your brain. Please don't move while acquiring images.

Total duration of the test: About 1 to 1.5 hours.

Adverse drug effect of the test: Very rare.