

Cerebral blood flow image (SPECT)

Department of the test: Nuclear Medicine (NM)

Purpose of the test:

To evaluate regional cerebral blood flow and pathologic brain status including epilepsy, stroke, dementia.

Notes before the test:

1. You will have some radiation in this test.
2. Please don't bring pregnant woman 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 NM service counter.
2. We will leave an intravenous (IV) line at your hand.
3. You will be asked to stay in a quite, dim room for about 30 minutes.
4. NM physician will inject radiotracers from IV line.
5. Wait about one hour before beginning imaging.
6. You will be asked to lie down on the imaging bed. It takes about 30 to 60 minutes for pictures of your brain. Please don't move while acquiring images.

Total duration of the test: About 3 hours.

Adverse drug effect of the test: Very rare.