

Brain SPECT (Brain Perfusion Scintigraphy)



PREPARATION:

- There is no prior preparation, however patients who cannot remain immobile for 30 to 60 minutes will not be able to perform this exam. In this case, talk to the referring physician about possible sedation.
- This test is not recommended for pregnant and breastfeeding women.

HOW IS THE EXAM PERFORMED?

After filling out the registration form at the reception, the patient will undergo a brief clinical interview to check their data and preparation, after which they will be sent to a bed resting room with low light and sound stimulus, where he must remain lying down with a vein previously punctured and maintained with saline solution.

After 15 minutes of rest, a small amount of radioactive material will be injected into the saline solution. Approximately 15 minutes after the administration of the radioactive material, the serum will be withdrawn and the patient will be instructed to wait at least 1 hour in the waiting room. After this period, the patient will be directed to the exam room, where they will be positioned on the device's gurney and must remain lying down for about 40 minutes. During this period, the patient must remain immobile, without moving their head. Images from various angles will be acquired.

At the end of the processing and analysis of the images, the patient will be discharged without any restrictions.

Note: this test may be replaced by brain PET/CT (see specific preparation).