

**Appointment  
Date:**

**Time:**

**Patient Preparation:**

Nil , However if you have previous CT or MRI images of your head / brain done recently, please bring these to your appointment.

**Time For Examination:**

Lumbar Puncture:	30 min
4 Hour Pictures:	15 min
6 Hour Pictures:	15 min
24 Hour Pictures:	15 min

**Please Bring:**

Any related previous imaging including Nuclear Medicine Studies, X-Rays, Ultrasounds, CT and MRI scans.

**Locations:**

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**Undercover parking is  
available.**

## NUCLEAR MEDICINE CSF FLOW STUDY

Your doctor has asked that you have a Nuclear Medicine CSF (Cerebro Spinal Fluid) Flow Study. If you have had previous imaging of the head / brain like a CT scan or a MRI scan done recently it is important that you bring these with you to your scheduled appointment. This study is done in two parts.

The first part of the test is usually performed in the X-Ray department under fluoroscopy guidance. This is where the specialist radiologist will insert a lumbar puncture needle into the lower back in between your lumbar vertebra. This needle allows us to take a sample of CSF, measure CSF pressure, and also to administer a small amount of radioactive tracer. This tracer will allow the gamma camera to track the flow of the CSF.

Once the radio tracer has been administered you will be asked to lay on a scanning table. Some initial pictures will be taken of the lumbar puncture site as well as of your skull.

At 4 and 6 hours after the administration of the radio tracer more pictures will be taken. It is also necessary to do a series of pictures 24 hours after the administration of the radio tracer. You will be given an exact time for the next days appointment. The pictures are painless.

It is also important the after your lumbar puncture you remain laying down for approximately 2 hours after the procedure. As you will remain in the department, it is a good time for a rest, or to catch up on some reading.

This study is not suitable for pregnant women