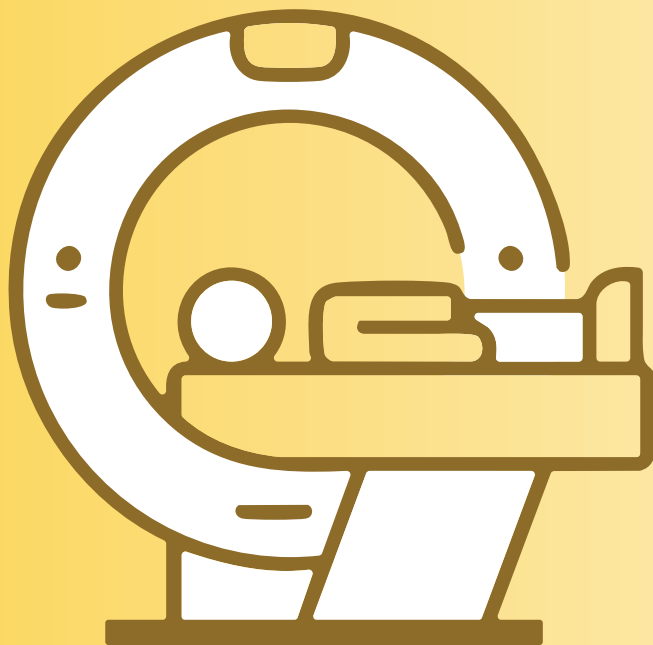




BONE SCAN

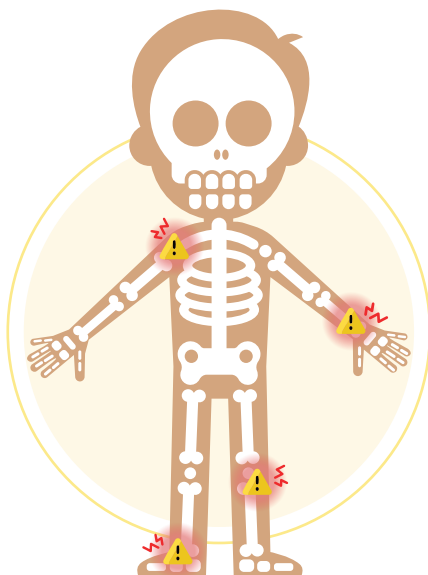
PATIENT EDUCATION



Bone Scan

What is Bone Scan?

A bone scan is a test that **uses a small amount of radioactive substance to look for disease in the bones**. The radioactive material is injected into a vein and accumulates in areas with high bone turnover activity. A gamma camera then takes pictures of the skeleton, and the affected bone shows up as dark spots.



Advantages of Bone Scan

A bone scan is a special imaging test that helps doctors look at your entire skeleton. It can detect small fractures or disease like arthritis, cancer or bone mets—even before they show up on regular X-rays.



Risk and Limitation

The scan uses a very small amount of a radioactive substance called tracer, which gives off a type of energy similar to X-rays. The amount of radiation is very low and is safe for most people.

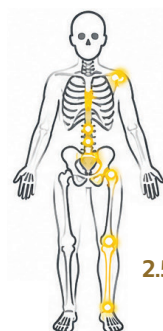
How is Bone Scan Done?

1 Injection of Tracer



First, you will have the injection of tracer into your vein.

The time between the injection and the scan depends on the scan indication. Most of the time, the scan is taken **2.5 to 3 hours** after injection to give the tracer enough time to be absorbed into your bone. In some cases, the images are taken immediately after tracer injection.



Wait
2.5 - 3 hrs



You are encouraged to drink plenty of water while you wait for the scan.



Before the scan, you will be asked to empty your bladder.

The Scanning Procedure

2

For the scan, you need to lie still on a scanning table while a gamma camera moves over your body. The scan can take up to half an hour and this procedure is painless. To get clearer pictures of certain bones, SPECT imaging is performed where the camera moves around your body to take pictures.



No side effect is associated with the tracer for bone scan





Preparation for the Scan

No special preparation is needed.

You will need to **remove any jewellery or belt** before the scan.



When Will You Get the Reports?

The report will be ready few hours after your scan.



Pregnancy and Lactation

If you are pregnant or suspect you might be pregnant, please inform our staff before the procedure.

For breastfeeding mothers, it is recommended to **stop breastfeeding for 24 hours** after scan.

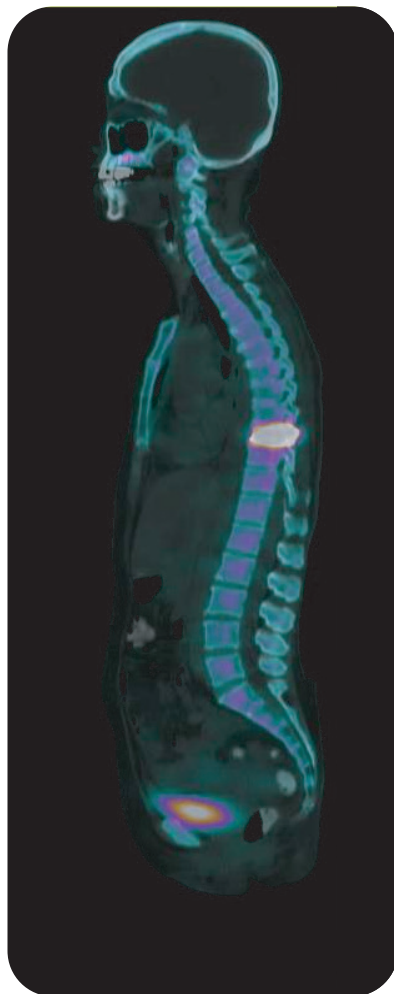
During this time, you should express and discard your breast milk. You may resume breastfeeding **after 24 hours**.



Planar View for A Bone Scan



Picture Shows Uptake in The Thoracic Vertebrae



For more information, kindly contact us at:

☎ +603-7494 1017

📠 +603-7491 1483

✉ smc@sunway.com.my

The Nuclear Medicine Centre is located at:
Basement, Tower C

Operation Hours

Mondays-Fridays 8.30am - 5.30pm

Saturdays 8.30am - 12.30pm

Closed on Sundays and Public Holidays