

Please inform a staff member if you:

- Are pregnant or a nursing mother
- Are claustrophobic
- Require the results sent by a specific time or method to your doctor

Additional Information

Remember to remain still while you are being imaged, as movement may blur the images.

The amount of radiation you receive during the test is similar to many types of x-ray and CT scans.

Adverse side effects to the radioactive tracer are rare. If you do experience any discomfort or feel differently after the injection or during the test, please inform the technologist or doctor.

There will be no restrictions to your daily routine after the bone scan.

APPOINTMENT DATE: _____

TIME: _____

**Please contact us if you
are unable to attend
the test or if you have
any questions.**

IMPORTANT

1. Bring **all** medications with you.
2. We suggest you wear comfortable clothes and shoes.
3. If there is a **language** barrier- it is best if you bring someone to **interpret** for the patient.

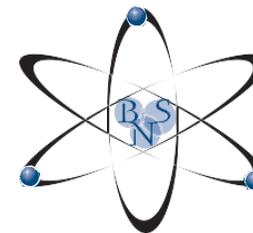
**** 48 HOUR CANCELLATION NOTICE IS REQUIRED** if you cannot keep your appointment- **SPECIAL INJECTIONS ARE ORDERED FOR YOUR TEST** – if you do not provide cancellation notice **YOU WILL BE CHARGED FOR THE COST OF THE PRE-ORDERED MEDICATIONS.**

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Brampton Nuclear Services



**Thyroid
Uptake/scan**

Patient Information

Thyroid UPTAKE/SCAN

A nuclear medicine thyroid uptake/scan is a type of nuclear medicine study that is used to evaluate thyroid structure and activity within the thyroid.

A thyroid uptake/scan shows the structure, size, and location of your thyroid and the function of various portions of your gland. It also detects lumps and bumps in the thyroid gland.

This procedure involves two visits to our facility on two separate days.

Patient Preparation

If you are on thyroid medications or preparations that contain iodine, you will be asked to stop taking these medications.

Depending on the type of medication you are taking, we will make sure you have discontinued taking it for the appropriate amount of time before the thyroid scan.

Before a thyroid scan, blood tests are usually done to measure the amount of thyroid hormones (TSH, T3, and T4) in your blood.

Test Duration

- 30 minutes PART 1
- 45 minutes (approximate) PART 2

What does a Thyroid Scan involve?

Day 1

You will be given a capsule to swallow containing a radiopharmaceutical called Iodine-123.

You will be given a time to return 24 hours later. These tests are usually performed in the afternoon, so please plan accordingly.

Day 2

The total time you should allow for the second part of this test is on average 45 minutes.

Thyroid Scan:

You will lie down on a moveable examination table with your head tipped backward and neck extended. The gamma camera will then take a series of images, capturing images of the thyroid gland from three different angles.

Thyroid Uptake:

You will sit in a chair facing a stationary probe positioned over the thyroid gland in the neck. The probe takes images and are then reviewed by the Nuclear Physician.

A Nuclear Medicine Physician will interpret the images and send a report to your referring doctor that same day.

What does a Thyroid Uptake/Scan investigate?

- neck masses
- hypothyroidism
- hyperthyroidism
- ectopic thyroid
- thyroid malignancy
- thyroglossal duct cyst
- benign diffuse goiter
- thyroiditis