

# Thyroid scintigraphy

# Purpose of the study

The study aims to investigate the function of the thyroid gland.

## Preparations

- The study requires discontinuation of thyroid medication.
- Your treating physician will provide instructions for this.
- Certain medications and food items can interfere with the study and should be avoided. (Do not consume seafood, seaweed, and red cabbage for three days before the study. lodine-containing cough medicines and iodine ointments can interfere with the imaging for up to two weeks.)
- If you suspect you may be pregnant or are breastfeeding, please inform the attending nurse. Certain precautions must be followed in such cases.
- Patients in poor condition require assistance.

### Study protocol

Typically, a radioactive tracer is administered as an injection into a vein in the arm, and the substance is allowed to accumulate in the thyroid gland for 20 minutes. Afterward, the imaging begins.

The imaging is performed in a lying position and takes approximately 10 minutes.

No undressing is required, and you may wear your own clothes.

#### **Duration of the study**

Reserve approximately one hour for the study.

## After the study

A physician will provide a statement on the study, which will be directed to the clinic or department that made the referral. The referring unit will take care of any further actions.

#### Notice

You will be administered a small amount of radioactive material that radiates within you, therefore you should keep a certain distance to children and pregnant women for the next 24 hours. After 24 hours the radioactive material has exited your body and you are no longer radiating.

Please do not wear any perfume when coming to the department as it may cause severe symptoms to patients with asthma or allergy!

# **Contact information**

Department of nuclear medicine and PET Satasairaala, Building A, floor 0 Phone number 02 627 7361 from Monday to Friday between 7.00–14.30

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