

Scintigraphy is an imaging technique used to evaluate the metabolic processes in the tissues and lesions of the human body. A small amount of radiolabelled substance involved in metabolism will be injected into the patient's body to obtain an image. In this case the substance is 99m technetium pertechnetate, which accumulates in the ectopic gastric mucosa lining the Meckel's diverticulum.

During the same investigation, computer tomography (CT) is performed, if required, to visualise the location of the Meckel's diverticulum.

The indication for the procedure is the visualisation of the diverticulum.

Inform medical staff about conditions that need special attention:

- claustrophobia (fear of small or closed spaces);
- pregnancy; breastfeeding: you will receive guidance when to resume breastfeeding;
- you are unable to lie still.

Preparation for the procedure

You must not eat or drink anything for at least 4 hours before the investigation.

The procedure

The duration of the procedure, including preparation, is about 1-1.5 hours. Before the procedure, a nurse will talk to you, introduce a venous cannula and inject the tracer. Before the injection you are asked to lie down on your back on the examination table. The investigation will be recorded over the course of 60 minutes. You will be asked to stay motionless during the investigation to obtain a high-quality result.

After the study:

- follow your normal diet and drink plenty of fluids to foster removal of excessive tracer from the body;
- breastfeeding should usually be discontinued for 24 hours; removed breast milk should be discarded. Detailed instructions will be given to you by the personnel in the department;
- on the study day try to avoid close (less than 1 metre) and long lasting (over quarter an hour) contact with children and pregnant women;
- study results will be sent to referring physician within a week. If you have a doctor's appointment on the same day or the following day, please inform the study personnel.

North Estonia Medical Centre

J. Sütiste tee 19
13419 Tallinn

www.regionaalhaigla.ee
info@regionaalhaigla.ee

This information leaflet has been compiled by the Department of Nuclear Medicine of North Estonia Medical Centre (2018).