

DYNAMIC RENAL SCINTIGRAPHY

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 will be injected into the patient to obtain an image. In the present case, it is a technetium-99m-labelled substance that is rapidly excreted by the kidneys.

The test is used to assess the function of the kidneys and the urinary tract.

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 test:

- eat and drink before the test;
- drink a few glasses of water half an hour before the test.

The procedure

The total duration of the test is about 1 hour. Before the test, a nurse will speak to you, insert an intravenous cannula, position you on an examination table and inject a radioactive tracer. The recording will start immediately and last up to 30 minutes. At the 20th minute of the test, you will be given a diuretic to assess renal function more precisely.

If necessary, additional recordings will be carried out. During the test, you will be asked to lie still on the examination table to ensure 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.

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