

Dear patient,

You are to have a **nuclear medical examination**. This examination provides information on the localisation, progression and activity of a disease and it makes available different information from that provided by an X-ray examination, MRT or CT.

Depending on the reason for your doctor's referral, a small quantity of a radioactive substance will be injected into one of your veins. For examinations of the lymphatic system, these will be injected under the skin. After a waiting period, in which the substance is distributed in your body, you will be seated or laid down under a highly sensitive camera (a so-called **gamma camera**). This camera is able to register the low levels of radiation that your body emits and to convert them into readable images. The length of the imaging depends on the organ being examined.

Depending on the type of examination, various substances/tracers are used, which can cause an allergy in very rare cases. There are extremely few side effects.

**An allergy to an X-ray contrast medium does not present a problem for the nuclear medical examination!**

The radiation exposure depends on the type of examination. It is generally lower than for an X-ray examination. Neither you nor your environment will be harmed by the radiation. As a result of the physical properties of the radiation, the main part of the initial activity will have subsided after a short period of time (physical half-life: 6 hours).

In this respect, you can remain in the institute in the breaks in-between the examinations without any concerns. The nuclear medical examination is not radiotherapy, but only a diagnostic examination!

**I consent to the proposed examination being carried out.** My further questions have been answered satisfactorily in a personal consultation with a doctor.

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Date



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Patient's signature

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Doctor's signature