

CT

PATIENT INFORMATION SHEET for the COMPUTED TOMOGRAPHY (CT) SCAN



englisch

Dear patient!

Your physician has referred you for undergoing a computed tomography (CT) examination. For your information, kindly read the text below and answer the questions that follow. This document has been designed to provide basic information. If you have any other questions, please do not hesitate to ask the medical technical staff or the examining physician.

What is a computed tomography scan?

A computed tomography (CT) scan is a special type of X-ray examination used to create cross-sectional images of the body. This allows the collection of important information about the position of the focuses of a disease which is often crucial for the further treatment.

What is the procedure like?

The examination takes approximately 10 to 20 minutes. In the CT room you will be resting on a special table top which will slowly move through the opening of the CT device during the examination. It is very important that you remain calm during the examination, avoid movements and strictly follow the breathing commands given to you. You will be monitored by specialists throughout the entire procedure.

Why is contrast medium being administered?

Depending on the examination, it may be necessary to administer a contrast medium injection or infusion into your arm. This may be necessary to illustrate certain organs and anatomical structures of the body and to help recognise pathological alterations. The relevancy of a number of examinations can be enhanced with contrast medium.

Are complications expected?

Similar to any other injection, tenderness, a haematoma and rarely an infection may occur at the injection site. One of the known reactions to contrast medium includes a sensation of warmth during the injection or bitter taste in the mouth. Intolerability-induced reactions can also occur after the administration of the contrast medium: a minor drop in blood pressure and associated minor complaints as well as nausea or tenderness have been reported in rare cases. Serious adverse reactions such as dyspnoea, sudden drop in blood pressure, arrhythmia or seizures are very rare.

In rare cases, the contrast medium exits the injection site in the arm during the infusion of the contrast medium into the vein. This causes painful swelling which may last for several days and requires treatment in some cases. If you feel pain and swelling of the arm during the infusion of the contrast medium, please immediately notify the physician during the examination.

Scientific studies¹ indicate that contrast medium is well tolerated by 97% of patients. The incidence of serious adverse reactions is reported to be 0.04 %. Similar to almost any medically indicated diagnostic procedure, a life-threatening complication is possible, albeit highly unlikely.

Therefore, the risk associated with the examination is very low compared to the achieved benefits. However, if any adverse reactions arise, medical care will be available immediately.

To be able to evaluate your potentially increased risk for adverse reactions to contrast medium, we ask that you kindly answer the questions provided overleaf by checking the appropriate answer.

If you are uncertain about how to answer any of the questions provided overleaf, please seek clarification from the medical technical staff or the physician.

¹ KATAYAMA study, report investigating the safety of contrast media based on 300,000 cases (Radiology 1990, 175, p. 621-628)

1. Height: **Weight:**

2. For women: Are you pregnant? No Yes
 Are you currently breastfeeding? No Yes

CT

3. Have you ever undergone any of the following examinations?

- Kidney X-rays (i.v. urography) No Yes
- Computed tomography scan (CT) No Yes
- Depiction of the leg veins (phlebography) No Yes
- Blood vessel X-rays (angiography/cardangiography) No Yes

4. Did you experience any adverse reactions after the administration fo contrast medium?

If yes, which ones?

- Nausea / vomiting / gagging No Yes
- Asthma attack / dyspnoea No Yes
- Skin rash No Yes
- Seizures, unconsciousness No Yes
- Chills No Yes

5. Have you been diagnosed with any of the following diseases?

- asthma? No Yes
- allergies requiring treatment? No Yes
- of the heart? No Yes
- of the kidneys / adrenal gland? No Yes
- of the thyroid? No Yes
- diabetes? No Yes

If yes, what kinds of drugs you are taking?

- Morbus Kahler (multiple myeloma)? No Yes
- HIV / Hepatitis No Yes

6. Are you fitted with a pace maker?

(only relevant for patients undergoing chest CT's) No Yes
 Make:.....

By signing below, I confirm that I have read and understand the text of this form and that I have answered the questions concerning my person to the best of my knowledge. I consent to the conduct of the proposed examination. My other questions were adequately answered during a personal conversation.



 Patient's and / or legal guardian's signature

 Physician's name and signature

 Date / time

 Med. tech. employee's name and signature

Please hand this form to the assistant prior to the examination.

Physician's remarks about the briefing:

Patient's ID:

If the patient refuses to undergo the examination, s/he was informed about the potentially resulting negative impact.