

Computed Tomography (CT)

Important Information about Computed Tomography (CT)

Computed tomography (abbreviation: CT) is a modern imaging technique that makes it possible to take a detailed look into the human body. An X-ray tube circles the patient at a certain distance and simultaneously emits a thin X-ray beam. Opposite the tube are one or more detector rows, depending on whether it is a single-slice CT scanner or a multi-slice CT scanner. This enables the scanner to capture the various layers of organs from almost a thousand directions. During the examination, the patients usually lie on their back, and occasionally on their stomach, on a narrow bed that is slowly moved into the circular opening (gantry) of the device. The gantry is relatively wide, with a diameter of about 70cm.

If you suffer from claustrophobia in confined spaces, please let us know before the examination. We will be happy to give you a sedative in this case. You can always talk over the intercom with the doctor or the assistant, should any problems arise during the examination.

Preparing for the examination

Examinations of the head (skull and brain) and the intervertebral discs and parts of the skeleton do not require any special preparation. Patients whose abdomen and pelvis are to be scanned are given 1-2 litres of contrast agent solution to drink in order to demarcate the gastrointestinal tract in the image. This type of contrast agent does not usually contain iodine, but rather consists of a barium compound. You do not need to have an empty stomach for most examinations; we recommend eating light food.

The examination that has been scheduled for you may require the intravenous administration of an iodinated contrast agent. Although contrast agents are generally well tolerated, in cases of hypersensitivity (allergy), you may experience some nausea, itching, rash or other such reactions, which tend to quickly subside.

Hypersensitive reactions of individual organs or the cardiovascular system are rare. Severe, life-threatening reactions are extremely rare. If you are given a sedative, you must not drive a vehicle, operate machinery, or carry out any dangerous activities for 12 to 24 hours, as your reactivity will be significantly reduced during that period.

For the smooth running of the investigation, we request that you answer the questions printed on the next page as accurately as possible.

If you have any further questions about the investigation, we will of course be happy to answer them. You can find further information in our patient portal at www.radiologie.de.

Non-binding questionnaire, created under Best Practice point of view and from relevant experience. No liability for correctness and completeness. The present questionnaire serves patient education in the framework of diagnostic measures and in no way replaces the personal interview carried out with the patient before the diagnostic treatment and the individual therapeutic consultation. All patient details are voluntary.

Surname:
Date/Time:

First Name:
Height:

Date of Birth:
Weight:

Anamnesis (medical history) for Computed Tomography (CT)

To ensure that the investigation runs smoothly, we request that you still answer a few questions.

1. Are you aware of any allergies (e.g. hay fever, drug or food allergies – especially to iodine) you may have? yes no
2. Have you ever had any X-ray examinations that used contrast agent (e.g. kidney or gall bladder examination, computed tomography, angiography)? yes no
3. If yes, did any incompatibilities or intolerances arise? yes no
4. Do you have an overactive thyroid or so-called “hot nodules”? yes no
5. Have you been diagnosed with diabetes? yes no
6. If yes, what medications do you take?
7. Do you suffer from impaired renal function? yes no
8. For women: are you pregnant? Might you be pregnant? yes no
9. Do you consent to being administered contrast agent, if needed? yes no

Please note that you should drink as much as possible after the examination (e.g. mineral water or tea) to speed up your body's elimination of the contrast agent.

I have read the information sheet and answered the questions about my medical history to the best of my knowledge. My questions have been answered completely and in an understandable manner and I have been given a copy of the completed questionnaire. I consent to undergo the CT scan.

Patient/custodian(s)*/supervisor

Date, signature

(For minors: the signature of the parent/guardian)

Doctor:

Date, signature

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*In principle, both custodians should sign here. If the signature of only one of the custodians is present, then the signatory ensures that he/she is acting in agreement with the other custodian or that he/she has sole custody of the child.