

# Computer Tomography (CT)

## Important Information on Computer Tomography (CT)

Computer tomography (abbreviation CT) is a modern imaging method, enabling a detailed look into the human body. An X-ray tube circles around the patient at a definite distance while simultaneously emitting a thin bundle of X-rays. Opposite the tubes there are one or more detector series, depending on whether the instrument is a single-line CT instrument or a multiple-line CT instrument. This allows images to be taken of organs of the body in every layer and from almost one thousand directions.

During the examination, patients usually lie on their back, less commonly on their stomach, on a narrow bed which slowly moves into the ring-shaped opening (gantry) of the instrument. The gantry is relatively wide at around 70 cm diameter.

If you suffer from claustrophobia in enclosed spaces, please tell us before the examination. In this case, we can give you a sedative.

During the examination, you can talk to the doctor or assistant via an intercom system at any time, if you experience problems.

### Preparation for the examination

Examinations of the head (skull and brain) as well as the intervertebral disks and skeleton parts do not require any special preparation. For examinations of the stomach and pelvis, 1-2 liters of contrast medium solution are usually given to drink, so as to be able to define the image in the gastrointestinal tract. This type of contrast medium does not normally contain iodine, instead comprising a barium compound. You do not need to come with an empty stomach for most examinations, a little nourishment being recommended.

The examination planned for you might mean it is necessary to administer a contrast medium containing iodine intravenously. Contrast media are generally well tolerated; in the case of hypersensitivity (allergy), however, nausea, itching, skin rash and similar can occur, which usually disappear quickly.

Hypersensitivity reactions by individual organs or your circulation are rare. Serious, life-threatening reactions are extremely rare.

To ensure the examination progresses smoothly, we kindly request you answer some questions which are given on the following page, as accurately as possible.

If you have any further questions, we shall be pleased to answer these as well.

You can find more information in the patient portal [www.radiologie.de](http://www.radiologie.de).

Non-binding sample, compiled in consideration of best practice aspects and on the basis of relevant experience. No liability for correctness and completeness. The present sample serves for patient clarification in the context of diagnostic measures and is on no account a substitute for the personal consultation with the patient and the individual therapeutic discussion proceeding a diagnostic measure. All patient data is voluntary.



Name: \_\_\_\_\_ First name: \_\_\_\_\_ Date of birth: \_\_\_\_\_

## Anamnesis (medical history) for computer tomography (CT)

To ensure the examination progresses smoothly, we kindly request you answer the following questions:

1. Do you suffer from an allergy (e.g. hay fever, medicine or food allergy, especially iodine)? Yes  No
2. Have you already undergone X-ray examinations with contrast media (e.g. kidney or gall examination, computer tomography, angiography)? Yes  No
3. If yes, did incompatibilities occur during this? Yes  No
4. Do you suffer from an overactive thyroid or so-called „hot nodes“? Yes  No
5. Do you suffer from diabetes? Yes  No
6. If yes, what medicines do you take?  
\_\_\_\_\_  
\_\_\_\_\_

7. Do you suffer from a restricted kidney function? Yes  No
8. For women - are you pregnant? Yes  No
9. Do you agree to an administration of contrast medium? Yes  No

Please note that you should drink as much as possible after the examination (e.g. mineral water or tea) to make the passage of contrast medium out of your body faster.

Date

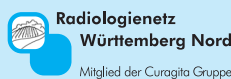
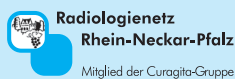
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Signature

\_\_\_\_\_

(If a minor, signature of parent or guardian)

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