

ERETENIA NURSING HOME

36100 VICENZA, ITALY – VIALE ERETENIO, 12 – TEL. +39 (0)444/994511 – FAX +39 (0)444/543644
IMAGING DIAGNOSTICS

INFORMATION NOTES ABOUT THE PERFORMANCE OF THE CT EXAMINATION



Dear Patient, Your doctor submitted a request for a CT examination for you. We would like to provide you with some information about the performance of this examination and its possible complications which, despite all precautions, might take place.

CT is an investigation performed by means of Computerised Equipment, based on the use of Ionising Radiation issued by a Radiogenic Tube which will rotate around the patient lying on a sliding bed; this bed will proceed inside the machine, depending on the body district to examine.

The examination may be performed with or without intravenous administration of the iodine contrast agent, depending on the clinical issue. Sometimes, depending on the disease to study, taking the contrast agent by mouth may be necessary.

The Iodine Contrast Agent will be injected by means of a cannula needle with an automatic injector. The quantity changes depending on the method, diagnostic investigation, district to examine and the patient's body weight.

If a contrast agent is used, it is necessary to have been fasting for at least 6 hours. Routine drugs can be taken regularly, with some water.

It is advisable to hydrate your body considerably (at least 1.5 l of water) the day before and the day after the examination.

Pregnancy is an absolute contraindication to the examination.

For breast-feeding women, it is advisable, as a precaution, to stop breast feeding for the 24 hours following the administration of the contrast agent.

After the examination, the patient does not have to follow a precise regime or precise prescriptions, and may re-start his/her normal activities immediately.

On the day of the examination, the patient must go to the Radiology Service reception (Nursing Home Hall) with all his/her clinical documentation about the pathology in question, including the images of previous radiological examinations (X-ray, CT, MRI, bone scans and specialists' letters).

Patients will be told the number of the waiting room where they will have to wait until they are called to undergo the examination.

A Technician will invite the patient to follow him/her to the CT Room, where he/she will have to undress (except for underwear). After wearing a coat, the patient will be placed on a sliding bed.

The examination does not normally last for more than 30 minutes.

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Imaging diagnostic service

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REFERRAL FOR AN X-RAY EXAMINATION WITH ORGAN-IODINE CONTRAST AGENT I.V.

ORIGIN <ul style="list-style-type: none"><input type="radio"/> Hospitalised<input type="radio"/> Department<input type="radio"/> Outpatient<input type="radio"/> Other	GENERAL PRACTITIONER: _____
USER'S DATA Surname _____ First name _____ Date of birth _____ Telephone number	DISTRICT TO EXAMINE _____ REQUESTED EXAMINATION _____ <ul style="list-style-type: none"><input type="radio"/> CT<input type="radio"/> UROGRAPHY<input type="radio"/> OTHER _____

CLINICAL SUSPICIONS _____

CLINICAL HISTORY ELEMENTS _____

ANY PREVIOUS EXAMINATIONS _____

INFORMED CONSENT TO PROCEDURES WITH ORGAN-IODINE CONTRAST AGENT

The Iodine-based Contrast Agent will be injected with a cannula needle or by infusion (drip) or by means of an automatic injector. The quantity changes depending on the method, diagnostic investigation, body district to examine and the patient's body weight.

If a contrast agent is used, it is necessary to have been fasting for at least 6 hours. Routine drugs can be taken regularly, with some water.

It is advisable to hydrate your body considerably (at least 1.5 l of water) the day before and the day after the examination.

During the intravenous infusion of the contrast agent, you may feel heat spreading all over your body, generally short-lasting. For anatomic reasons, vein fragility, etc., a blood vessel may even break, resulting in leakage in the injection area; in this case, a local therapy may be applied.

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During and after the administration of the Contrast Agent, undesired effects may take place. Depending on their severity, these reactions may be:

- **Slight:** nausea, vomit, pain in the injection site, hives, wheals
- **Moderate:** dyspnea, hypotension-hypertension, bradycardia-tachycardia, collapse, vasovagal syncope
- **Serious:** pulmonary or glottis oedema, anaphylactic shock, severe bronchospasm, cardiorespiratory block, serious arrhythmias, acute kidney failure.

In these rare cases our service has suitable drugs and equipment to take care of the patient and, if necessary, the reanimation operators are readily available.

Late reactions (from 1 hour to 7 days post-injection) are most frequently skin rashes, influenza-like syndromes, gastrointestinal disorders. In this case, it is advisable to seek medical advice.

CLINICAL HISTORY EVALUATION (reserved to the general practitioner)

- Liver failure (bilirubinemia < 2.5 mg %) report the value _____
- Azotemia (< 50 mg %) report the value _____
- Severe kidney failure (bilirubinemia < 1.5 mg %) report the value _____
- Cardiovascular failure
- Diabetes
- Asthma
- Proven allergic risk to the organ-iodine contrast agent (if yes, comply with pre-treatment scheme)
- Waldenstrom's paraprotein
- Multiple myeloma
- Serious myocardial pain

General Practitioner's signature

Vicenza, on _____

I, the undersigned, Mr./Ms. _____ born on _____
in _____ hereby declare having been thoroughly informed about the goals, performance and risks relative to the examination with organ-iodine contrast agent by injection and
authorise/do not authorise the performance of the examination required by my General Practitioner.

Patient's full signature

Radiologist's signature
