COMPUTED TOMOGRAPHY

What is computed tomography (CT)?
A CT scanner is a device that uses X-rays to get layered and 3D images of the human body, which give a detailed and accurate overview of the anatomy of the studied area.

Preparation for the examination

- Dress as comfortably as possible, and if possible, remove all accessories.
- Before abdominal or pelvic region examinations you should drink 1 L of water. If necessary, you will be given a contrast agent that is diluted with water prior to the examination.
- On the day of the examination you can eat normally.
- If you are using Metformin/Metforal, inform the imaging staff.

What will happen during the course of the examination?

- You will be asked to remove unsuitable clothing and accessories.
- During the examination you will lie on the study table and be taken back and forth through a ring. It is important to remain motionless during the examination, because the quality of the examination depends on it. If necessary, the device will give you instructions for breathing.
- During the examination a radiographer will monitor you through a window.
- Depending on the type of examination it may be necessary to inject a contrast agent; for this a venous catheter will be inserted. At the time of administration of the contrast agent, you may experience a warm feeling and a metallic taste in the mouth, which will pass within a few seconds.
- The examination will last for 5-30 minutes. If you need to drink the contrast agent, the examination time will be extended 1 h.

After the examination

- Following the examination with a contrast agent you must drink 1.5-2 l of non-alcoholic fluids to excrete the contrast agent from your body faster.

Contraindications

- Pregnancy (except in life-threatening situations).
- For technical reasons it is not possible to carry out the examination in patients whose body weight exceeds 220 kg.

Contrast enhanced examination contraindications

- Allergy to iodine
- Renal impairment
- Abnormality of certain blood tests.

Results of the examination

The results will be transmitted in electronic form or on paper to your treating doctor. If you can't come to the examination at the agreed time, then please inform the Department of Radiology by phone on 44 73 561

Prepared by: Radiology department, 2016