

## Computed Tomography (CT) of the Small Intestine or CT enterography

Please arrive for the examination **one hour before the booked time due to preparations**. The examination lasts 10-20 min.

If you are **hypersensitive/allergic to iodine or iodine-containing contrast agents**, please inform the doctor and the staff performing the examination.

X-ray radiation is dangerous for a developing organism; **pregnant** women (or those suspecting pregnancy) must inform the referring doctor and the staff performing the examination.

### Preparing for the examination

**Successful examination requires good bowel preparation.** Purchase Fortrans from the pharmacy (powdered oral solution in sachets) and use it according to the instructions provided in the package.

On the day before the examination, you may eat low-fat and low-fibre meals, such as bread, jelly, potatoes, lean chicken and fish. Avoid meat, vegetables, fruits, porridge, whole grain bread, butter and milk.

### On the day of the examination

- **Do not eat anything four hours before the examination**
- You can drink water and take your daily medication with a small amount of water
- Wear something light and comfortable that is easy to remove

### Examination

Before the examination, you will be given 1.5 litres of liquid to drink in order to expand the intestinal lumen and obtain high-quality results. Drink the solution at a calm pace within the specified time; it may cause diarrhoea.

While drinking, it is recommended to move around slightly to help the liquid progress through the intestines.

A computed tomography (CT) scanner is an X-ray machine connected to a computer that produces layered and three-dimensional images of the human body.

- During the examination, it is important to lie still, as movement can affect the quality of the images obtained. The table moves back and forth during the examination.
- Sometimes you may be asked to hold your breath for a few seconds during the examination.
- The staff will monitor you throughout the examination through a window and via audio system.
- An intravenous catheter will be placed in your arm for the injection of a contrast agent containing iodine to enhance the visibility of organ structures and possible pathological changes. During the injection of the contrast agent, you may experience a sensation of warmth and a metallic taste in your mouth, which will disappear within a few seconds.

### After the examination

After the contrast-enhanced examination, it is recommended to drink plenty of fluids on the same day (approximately 1.5-2 litres of water) to help eliminate the contrast agent from the body.

The contrast agent has no effect on reaction time or alertness.

Late reactions to the contrast agent (such as low blood pressure, increased heart rate, difficulty breathing, anxiety, confusion or bluish discolouration of the lips) occur in rare cases (<1: 1000). In such cases, immediately seek medical attention and inform them of the injected contrast agent.

### Examination results

You will receive the results of the examination from your doctor. If you have not arranged a follow-up appointment or been given a specific time for a phone call, please contact the referring department.