

## MRI of the small intestine for the child

An MRI examination provides precise anatomical images.

Imaging takes place in a tunnel-like device that is open from both ends.

Please familiarise with the MRI safety questionnaire in advance and **bring the filled in form with you.**

**Due to the preparations required, please arrive one hour before the appointment booked for you.**

Please reserve 3 hours for your visit. The examination takes 30–60 minutes. Patients who need urgent examinations may be examined before your child.

Please see the arrival instructions or appointment letter for contact information, if you have any questions about the examination.

Your child may have a support person in the examination room if it is safe for them. Please see the MRI safety questionnaire.

### Before the examination

The child must stop taking any iron tablet medication at least five days before the examination.

### On the day preceding the examination

- **The child can eat:** low-fat, low-fibre food: white bread, berry sauce, potatoes, and lean fish and chicken.
- **The child cannot eat:** meat, vegetables, fruit, porridge, whole-grain bread or butter and cannot drink milk.

### On the day of the examination

- The child must not eat.
- In the morning the child must drink 1-2 glasses of water.
- Any prescription medication a child may take.
- You should remove all jewellery and leave them at home.
- **If your child is using a transdermal patch,** schedule its replacement for the examination day. Remove the old patch for the duration of the scan. Attach the new patch after the scan.
- **If your child has a sensor that monitors interstitial fluid glucose,** you must remove it before the scan. Bring a new sensor with you.

50 minutes before the examination the child starts to drink liquid that fills the small intestine and an intravenous cannula will be placed in the child's arm or hand.

### **During the examination**

Radiographer helps your child to get examination position as comfortable as possible.

The success of the examination requires staying still.

Your child will be given earplugs and headphones because the examination causes a relatively loud noise. Breathing instructions can be given through headphones.

Breath holds last about 10-20 seconds at a time. It is good to practice holding breath in advance.

A bowel-relaxing medicine is injected into your child's vein at the beginning the examination.

A radiologist will decide if your child will be given a contrast agent injection.

The contrast agent will improve tissue visibility in the images.

### **After the examination**

Transient diarrhea may occur after the examination.

You will receive the results of the examination from the doctor who treats your child.

If you do not know how to find out the results, please contact the outpatient clinic or ward that referred your child to this examination.

### **Other things to note**

You will not be charged for the examination separately.

Cancel the appointment if you cannot come.

### **Further information**

Watch video of examinations:

[www.youtube.com](http://www.youtube.com) >> Tutkimukset  
minuutissa: Magneettitutkimus.