Patient instructions for the MRI study

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| Kuvaus: | Preparation instructions for MRI study patients |

**WELCOME TO THE MAGNETIC RESONANCE IMAGING EXAMINATION!**

**Please arrive to the examination department in time: adults should come 15 minutes and children and adolescents 30 minutes before the appointment.**

**The following passage contains important questions related to the MRI examination. Please answer the safety questionnaire below and bring the filled in form with you to the examination.**

Name

Social security number Weight Height

Factors preventing or hindering the MRI examination:

(please **circle** the options concerning you)

* Do you have any metallic fragments in your body caused by an accident?

(for example metal fragments in the eye) Yes/No

* Have you worked in metal industry or have you done metal work in your free time?

Yes/No

**If you answered YES to either the questions above, please come to the examination department half an hour before the booked appointment time.**

* Do you have any prostheses or middle ear prostheses? Yes/No
* Do you have a pacemaker? Yes/No

**If you answered yes, please contact the referring unit.**

* Are you pregnant? Yes/No
* Are there any clips or metallic objects in your body due to a surgery? Yes/No

(Year\_\_\_\_\_\_\_\_?):

* Are you allergic to any medication? Yes/No

Which medication?

* Do you have renal hypofunction? Yes/No

**Please note!** Intrauterine device, sterilization clips, dental braces or dental implants do not prevent the MRI study.

Date Signature

**An MRI study** is a medical means of imaging, which may be used for examining most parts of the body. MRI is based on a strong magnetic field and radio waves, and therefore no ionizing radiation is used during the examination. It enables precise and reliable examination of illnesses and symptoms of the brain, heart, back, musculoskeletal system, blood vessels, pelvis, abdomen and breasts. Some MRI exams may require the use of intravenous MRI contrast medium. The contrast medium, injected into a vein, improves the definition of tissues.

Because of the **strong magnetic field** of the MRI device you should leave all metallic items (such as watches, eye glasses, removable dental prosthetics, jewellery and mobile phones) into the dressing room before entering the scan room. Moreover, cards with magnetic tape should be left outside the scan room because the magnetic tape will be damaged in the vicinity of the magnetic field. You should also come without strong makeup or hair spray since they may contain metallic particles.

**The MRI device** is a two-meter-long tunnel which is open from both ends. The diameter of the air-conditioned, well-lit tunnel is 60 or 70 centimeters.

Depending on the examination **the MRI** takes 15-45 minutes. During the study you will lie on your back in the tunnel. It is important to stay still during the examination because the movement causes unclear images. You will be given hearing protectors because the examination causes loud noise. It also is possible to listen to music during the examination so you can bring your own CD with you. The radiographers will see and hear you at all times. You will also have an alarm button which allows you to stop the examination if necessary. You may have a support person (a friend or a relative) in the examination room with you. The same safety instructions will also apply to the support person as to you. When the examination is ready, the radiographers will help you out of the tunnel and they will tell you where to get the results of the examination.

**Please reserve more time than the announced examination duration because the start of the study may be delayed if there are emergency patients.**

**Should you have any questions concerning the examination or should the examination time be unsuitable for you, please contact the staff of the MRI department.**

**Contact information**

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