



Enlightenment MRI

Praxis für Radiologie

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FIRST NAME: _____ SURENAME: _____ Date of birth: _____

What is MRI (magnetic resonance tomography)?

MRI or magnetic resonance imaging is a modern examination method that produces images to represent the human body. They do not work with X-rays, but with magnetic fields and radiowaves.

The examination is gentle and painless.

Before the examination

Studies in patients with cardiac pacemakers, implanted defibrillators or cochlear implants are often not possible, or only under strict conditions, since the magnetic field can influence these medical devices. In the case of artificial heart valves, aneurysm clips or spirals, we need the manufacturer's information on the MRT capability (manufacturer's certificate, Internet). The spiral for pregnancy control must be checked after the examination.

The following are unaffected:

- | | | |
|--|---------------------|-----------------|
| - Endoprostheses - | Dental prostheses - | Dental implants |
| - Tooth braces - | Vascular stents - | Bypass clips |
| - devices that can be stored in the cabin (e.g., hearing aids) | | |
| - Piercings you can take out | | |

In the cabin, please undress as instructed. It is important that you store all metal objects (belt buckles, bras, jewelry, piercings, hearing aids, tooth or hairpins). Also mobile phones and bank cards or other objects with magnetic strips must remain in the cabin, since these can be damaged.

They are collected for inspection from the cabin. By blocking the cabin unauthorized persons are denied access to their belongings and valuables.

During the examination

At the beginning of your MRI examination, you will be stored on a padded couch in such a way that you are comfortable and optimal for the examination. The best results are achieved when you are calm and relaxed. Gladly you can close your eyes.

The test bed travels into the short tunnel, open at both ends. Fresh air is supplied during the entire time and you are connected by a counter-intercom system with the medical staff in hearing and speech contact. In addition, continuous camera monitoring provides visual contact with you. During the examination, you can make a call at any time.

The measurement usually takes 15-30 minutes. The device generates various knocking noises. You may get from us ear plugs and a headphone with which the noise is good.

If you are prone to very great nervousness or anxiety, or if you are very sensitive, please inform us in time. There is the possibility to administer a soothing agent. In this case, however, you may not actively participate in road traffic, operate machinery or carry out dangerous work until 12 hours after administration, as your reaction time will be significantly reduced during this time. You should be picked up by a companion.

For certain questions the use of a contrast agent is necessary. This is injected, if necessary, in a small amount of 7.5-20 ml, usually via an arm vein. The contrast agent is well tolerated and only in very rare cases can allergic reactions occur.

Risks and complications

The magnetic field and the radio waves of the device do not burden the organism according to current knowledge. The MRI examination itself is painless.

If you follow the instructions of the health care professional, you will be able to do so no serious risks or undesirable side effects. In isolated cases, headaches or hearing problems can occur, but they can be heard by themselves. Metallic ingredients in tattoos or makeup can cause skin irritation. Any possible overheating or light burns are prevented by storage by our personnel. Therefore, and also to achieve the best possible results, it is important that you do not change your position independently during the investigation.

Contrast agent

In very rare cases, in patients with severe renal disease or liver transplantation, nephrogenic systemic fibrosis (FSI) can occur in very rare cases, which is associated with a difficult to treat connective tissue disease of the skin Mobility to the joint stiffness. Organs can also be harmed during the course of the FSI. Therefore, we use contrast media of the lowest risk category, which are safe and well-tolerated as well as proven for many years.

At the injection site, bruises, puncture pain and small local skin infections can develop.

In order to identify potential risks from the MRI examination or a contrast medication, we ask you to answer the following questions carefully.

Height: _____

Weight: _____

Do you wear a heart pacemaker / defibrillator? oYes oNo

If Yes, the investigation is not possible at first. Please inform us directly and do not enter the MRT!

Do you suffer of Kidney disease? oYes oNo

Do you suffer from claustrophobia? (Fear in tight spaces) oYes oNo

You have been diagnosed with Glaucoma ? oYes oNo

Are allergies, asthmatic disorders, drug intolerance or other hypersensitivity known ? oYes oNo

There were contrast agent reactions in previous studies ? oYes oNo

Do you have metal, foreign bodies or other medical aids in or on the body or in the skin? (E.g., clips, metal splinters, stents, artificial joints, pumping systems, tattoos, piercings, copper or hormone spirals, event recorders, cochlear implants) oYes oNo

If yes, which? _____

Have a Tumor Disease? oYes oNo

Is an infection known to you ? (Hepatitis,HIV) oYes oNo

Did you have any Operations ? oYes oNo

If so, which body region ? _____

Can you be pregnant?

Yes No

Are you Breastfeeding?

Yes No

Thank you for your cooperation!
If you have any questions please contact us

I read and understood the enlightenment arc. I am sufficiently informed, I have thought about my decision well and do not need any further consideration. I consent to the examination provided by the physician and agree to a possible contrast .

Dresden, Date

Signature Patient resp. Representative

Data protection

I agree that my treating physicians can obtain findings from other providers and report to my treating physicians.

You may revoke this declaration of consent at any time. We will, of course, treat your personal data confidentially and comply with applicable data protection regulations.

Dresden, Date

Signature Patient resp. Representative

Notes on the Enlightenment

Signature Doctor