

## MRT-information sheet and consent form



Last name, first name:  
Date of birth:  
Body weight:  
Body height:

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### What is a MRT?

The MRT which is also called Magnetic Resonance Tomography is a modern cross-sectional procedure with which three dimensional cross-sectional images of the interior human body can be created to diagnose abnormal changes. The procedure is completely painless and harmless, since no X- rays are generated during the MRT. The MRT produces a strong magnetic field as well as electro-magnetic waves. The probed part will be seen as cuts on the computer.

### What do you have to take care of?

Please read this carefully and answer all the questions as far as you can. If you have any questions feel free to ask the doctor or our healthcare professionals.

Leave all your metallic items like glasses, watch, jewelry, money and phone (turned off) etc. in the cabin. Metal on your clothing (like buttons, belt, bra wires etc.) have to be left in the cabin as well.

You are not allowed to wear any piercings, removable dental prosthesis, dental braces and acupuncture needles during the check- up.

→ It is dangerous to have any metal parts in the region under examination. The possibility that the pictures will not be useful and that you can get hurt is high.

### Process

You will lie down on a comfortable table that slides into the opening of the tube.

At certain times during the scan you will hear loud tapping noises. That is why you will be given earplugs or headphones to wear.

It is very important to keep as still as possible during that process, so try to breathe calmly. Otherwise the pictures could not be useful anymore and you would have to repeat the process all over again.

There is an emergency button for you which you should press in case you really need to stop the scan immediately.

→ If you have fear of enclosed spaces (claustrophobia) you should inform us before the procedure.

### Length of the check- up

The MRT can last about 12 to 20min.

The real length depends on the organs and on the questioning. Please understand that even though we plan the appointments accurate, we cannot prevent waiting time. Sometimes there are emergencies with higher importance.

### Is there a need for contrast material?

In some cases a contrast material may be injected through an intravenous line into a vein in your arm. The contrast material enhances the appearance of certain details. Usually it is well- tolerated and will be completely excreted by your kidney in about 24h.

### When are you not allowed to get a MRT?

→ If you have a cardiac pacemaker, defibrillators, implanted drug infusion device, artificial heart valves, aneurysm clips or any metallic implants and prosthesis like stents.

→ Please give us accurate information's, otherwise there could be the risk of death!  
You cannot get a MRT when you are pregnant.

### Which risks does the MRT check- up have?

The MRT is known for being low- risk. But in rare cases there could be complications like:

- Skin irritation, hyperthermia because of metal- containing artificial colours in make up or tattoos
- Headache or ringing in the ears (tinnitus)
- The contrast material could cause discomfort and an allergic skin irritation with indisposition

In really rare cases there could be severe allergic reactions which could cause a life- threatening state of shock. In really rare cases nephrogenic systemic fibrosis, as wells as not treatable connective tissue disease of the skin could be caused. This can cause partially mobility up to ankyloses. At risk are mostly patients with a serious kidney- or liver disease.

**After the check-up**

You will get a CD with all the pictures of the check- up for your doctor right after the procedure. The result will be send per fax to your doctor within a few days.

If you have been sedated you should get someone to pick you up. Your responsiveness will be strong limited. That is why your will not be allowed to be active in road traffic yourself. You also will not be allowed to work at dangerous machines or locations.

**Questions from the doctor:**

**Did you ever have a MRT?** yes  no  If yes, did you have any problems?

**Do you have a cardiac pacemaker, defibrillator or an artificial heart valve?** yes  no

**Do you have any metal in your body (clips, stents, spiral, splinter, piercings, tattoos etc.)?**

yes  no  If yes, which? : \_\_\_\_\_

**Do you have any allergies?** yes  no

If yes, which? : \_\_\_\_\_

**Are you pregnant?** yes  no

**Do you have fear of enclosed spaces (claustrophobia)?** yes  no

**Did you ever have an operation?** yes  no

If yes, when and what? : \_\_\_\_\_

**Do you have a kidney disease?** yes  no

**Are you/ have you been a cancer patient?** yes  no

**My questions to the doctor:**

\_\_\_\_\_

**Patient agreement to investigation (consent form)**

I confirm that I read and filled out the information sheet carefully. I understand the procedure and the possible complications.

I do not have any more questions. I agree to the check- up.

I agree to the use of contrast material, if needed: yes  no

Berlin,  
\_\_\_\_\_  
(Date)

Signature:  
\_\_\_\_\_  
(patient/ parents/ guardian)

Note from doctor:

Signature Doctor: \_\_\_\_\_