

PREPARATION HEART MRI

Dear patient,

We will perform a MRI of your heart. The Cardio-MRI is a new examination method. It especially allows looking at the heart function and blood circulation. Depending on the question, contrast media and medication could be necessary. The examination in the MRI takes about 45-60 minutes.

The MRI scanner is located in a special shielded room. For the examination the patient will be placed into a lightened tube which is open toward the bed-head and the foot end. The scanner produces a loud noise, therefore the patient is wearing headphones during the examination. Through an interphone which is integrated in the headphones and an electric bell, the patient can stay in touch with the examiner during the whole process.

Contrast Medium

For the evaluation of the perfusion of the myocardial muscle we will give you some contrast medium intravenously. Very rarely patients are intolerant to contrast medium. For this extremely uncommon reaction we always have alexipharmic readily available. During the whole examination you will be medically

Stress Test

By doing a stress test we can observe changes of the perfusion in your myocardial muscle. In many cases cardiac circulatory disorder emerge only under exposure. For that purpose we will inject you a drug which stimulates physical strain such as bicycling or running up the stairs. During the examination the heart rhythm and blood pressure will be supervised. The drug administration only takes a few minutes.

Adenosine

This drug will be injected intravenously. Adenosine expands the coronary blood vessels. As it also expands other blood vessels in your body it can cause facial rash, sensation of heat etc. The effect of Adenosine stops after a few seconds so that the side effects disappear immediately after the stoppage of the drug. If you suffer from cardiac arrhythmia, asthma or chronic bronchitis- please let us know before the examination!

Preparation

You mustn't take any of the following substances 24hours before the examination: Coffee, Tea, Coke, Chocolate, Energy-Drinks and the drugs Theophylline (agent Theophyllin-Ethylendiamin-hydrate) or Persantine (agent Dipyridamole).

If you have any questions left, don't hesitate to ask us!

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Please take this sheet signed with you on the examination day

Kind regards

Your RIS-Practice-Team

I have read this information- sheet carefully and have followed the instructions for the preparation.

Date :.....

Signature :.....