**Magnetic Resonance Imaging**

MRI is a scan procedure based on the body's magnetic properties. The examination does not use X-rays. The examination is painless and lasts for about 30-90 minutes. During the examination, contrast material may be applied intravenously into the arm vein.

During the scan, you will be transferred onto the examination table into a tube-like imaging device that is lit and ventilated. A rather loud tapping sound is heard from the imaging device during the imaging and therefore you will be given headphones. Depending on the location examined it is usually possible for you to listen to the radio during the examination or, alternatively, you can bring your own CD to listen to. The radiographers will be able to see, hear, and talk with you throughout the entire examination.

If necessary, an accompanying person may be present in the room.

Fill in the attached preliminary information form and bring it with you for the examination visit.

For **patients with a pacemaker**, the magnetic compatibility of the pacemaker must be ascertained by the transmitting unit beforehand before each MRI visit.

**Preparation**

* For scans of the stomach, pelvic area or full-body scans, you must abstain from eating for four hours before the scan.
* For prostate scans, the rectum should be as empty as possible before the scans.
* Adults should not eat for eight hours before small intestine scans.
* Children should not eat for four hours before small intestine scans.
* For a full body scan without anaesthesia, children should not eat for two to three hours beforehand. You should not eat for four to six hours before an entire body scan under anaesthesia.
* You can drink a small amount of water and take your medications.
* For other MRI scans (head, neck, chest and lumbar spine, joints) there is no need to abstain from eating.
* For head and neck area MRI scans, intense eye make-up interferes with the examination.
* Glucose sensors should be removed before an MRI scan is initiated. For non-urgent examinations, the MRI can be scheduled in conjunction with a change of sensor. In appointment matters you can contact the MRI secretary.
* Metal objects such as jewellery, piercings, magnetic eyelashes and watches must be removed before the scan. The changing room has a locker for valuable items.