

## **This instruction is intended for our patients who are in a care relationship**

The Wellbeing Services County of South West Finland

Turku University Hospital

## **MK MRI guided biopsy, procedure under general anesthetic**

These instructions are intended for printing. The instructions contain section to be filled in.

### **How to prepare for the exam?**

The procedure/treatment will be done under general anesthetic, under the supervision of the anaesthetics team. You will have been given a hospital admission booking and the preparation for your procedure/treatment will be done in accordance with the instructions given by the hospital ward. Jewelry and all body piercings must be removed and it is best to leave them at home.

### **How is the study carried out?**

The scan is done in a well-lit and air-conditioned MRI scanner, which is open at both ends. The examination position is designed to be as comfortable as possible. The MRI device can be quite loud during scanning; therefore you will have headphones or earplugs during the scan.

Prior to the procedure/treatment, the Anaesthetist will put you under general anaesthetic and will monitor your health continuously during the scan. The biopsy or other procedure will be done by a Radiologist, assisted by the Radiographers. The progress of the procedure will be monitored with fast MRI image series throughout the procedure. After the procedure/treatment you will be transferred to the recovery ward to recover from the anaesthetic and from there you will go back to the ward to be discharged.

### **What about after the study?**

Depending on the procedure/treatment that you had, the doctor will give you all necessary follow-up instructions. The referring unit (the unit from which the scan was requested) will receive the results of the procedure.

## Other considerations

**You must not enter the MRI imaging room with objects containing metal or electronic devices.** These objects in the imaging room can pose a risk to life. Before entering the imaging room, your pockets must be emptied.

**It is essential to follow these instructions for safety reasons.** The instructions apply to everyone in the room, including staff and attendants.

There is good ventilation in the MRI imaging room, so you should choose long-sleeved and long-legged clothing. You may also be given hospital clothes at the scanning place.

The overall procedure time varies but may take several hours, depending on the procedure/treatment. The MRI unit also scans emergency patients, which can lead to changes in the schedule. Please allow plenty of time for your procedure.

The MRI study has no known side effects. However, certain things require attention when planning the scan. Please inform the MRI unit if you have a pacemaker, inner ear prosthesis, medication pump, surgical clips, metallic shards or fragments in your body.

Contraceptive coils and sterilization clips are generally not an obstacle to the MRI examination. Glucose measuring sensors and medication patches must be removed before the scan.

Please fill in the enclosed information form and bring it with you to the scan. The prerequisite information form is filled out at each examination and is reviewed with the staff before the imaging.

## MRI Procedure Prerequisite Form

Name: \_\_\_\_\_ ID Number/DOB: \_\_\_\_\_

Height (cm): \_\_\_\_\_ Weight (kg): \_\_\_\_\_

**Yes** **No**

**Have you had any surgical operations?**

\_\_\_\_\_

If yes, please specify \_\_\_\_\_

**Do you have any of the following in your body?**

**Yes** **No**

Cardiac pacemaker or cables

\_\_\_\_\_

Artificial heart valves

\_\_\_\_\_

Nerve stimulator and/or associated cables

\_\_\_\_\_

Middle ear prosthesis or inner ear implants

\_\_\_\_\_

Shunts

\_\_\_\_\_

Stents/coils/aneurysm clips

\_\_\_\_\_

Metal fragments (e.g. from welding, fragmentation weapons)

\_\_\_\_\_

Infusion port and/or medication pumps

\_\_\_\_\_

Artificial joints / orthopaedic screws

\_\_\_\_\_

Hearing aids or dental prostheses

\_\_\_\_\_

Tattoos / body piercings

\_\_\_\_\_

Glucose measuring sensors / medication patches

\_\_\_\_\_

Do you have any allergies to contrast or anaesthetics?

\_\_\_\_\_

Do you have reduced kidney function?

\_\_\_\_\_

Are you pregnant?

\_\_\_\_\_

Have you been sterilized?

\_\_\_\_\_