

MK MRI guided biopsy, procedure

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

How to prepare for the exam?

- If the biopsy is from a surface organ such as muscle, there is no need for special preparations.
- If you have been diagnosed with an allergy to local anesthetics, contact the outpatient clinic
- 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. During the MRI scan, you will have an alarm button and a two-way intercom to communicate with the staff. In order to have a successful scan you must keep absolutely still. 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. Breathing instructions may be given through the headphones during the scan. You might be asked to hold your breath for about 10 – 20 seconds. It is possible to listen to music during most scans. You can bring your own CD.

The biopsy sample/procedure will be done by the Radiologist, assisted by the Radiographers. The biopsy progress will be assessed with a series of fast MRI images during the procedure.

During the scan you may be given an injection of intravenous MRI contrast agent that does not contain Iodine. Before the scan you will get an intravenous canula for this purpose. The contrast media will be eliminated from your body through the kidneys and urine.

What about after the study?

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

Other considerations

The overall procedure time varies but may take 1-3 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 must be removed before the scan. Please mention to your nurse if you are wearing any medication patches.

Please fill in the enclosed information form and bring it with you to the scan.

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

Hearing aids

Shunts

Stents/coils/aneurysm clips

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

Infusion port and/or medication pumps

Artificial joints / orthopaedic screws

Dental prostheses

Tattoos / body piercings

Do you have any allergies to contrast or anaesthetics?

Do you have reduced kidney function?

Are you pregnant?

Have you been sterilized?
