

## INFORMATION FOR PATIENTS undergoing diagnostic tests (X-ray, MRI, CT scan)

**In the interest of health and welfare of patients referred for diagnostic tests performed in CMC, please pay attention to the following information and comply with the following rules:**

### I. Rules for X-ray tests:

- X-ray imaging of the lumbar spine, sacroiliac joints and abdomen must be performed after prior preparation.  
Information on rules of X-ray imaging is available at the reception.
- **Pregnant women should inform the staff performing the test about pregnancy.** Due to the child's health X-rays are performed on mother only in life-threatening situations.
- X-ray imaging of women should be carried out by the 10th day of the menstrual cycle from the first day of bleeding due to the fact that the chance of pregnancy in this period is lower.
- The patient is requested to bring **previous X-ray tests results** if applicable.
- **Children and adolescents under 16 years of age** must report with the legal guardian or authorized person for the X-ray imaging.
- **Children** who are scheduled for X-ray imaging, should report with their Child's Health Book for recording the information on radiation exposure.

### II. Rules for MRI and CT scan

1. The absolute contraindication to MRI are following implants:

- cardiac pacemaker,
- hearing aid within the inner or middle ear,
- ferromagnetic vascular clips,
- infusion pump
- metallic foreign body in the eye.

2. In the case of implanted metal objects (vascular clips, prosthesis, screws, wires, plates ...) it is necessary to present a document / certificate containing the information from which alloy an implant is made of, or a certificate of allowing testing in the magnetic field issued by the manufacturer. If possible, it is advisable to present X-ray showing the implant.

3. In the case of other metal objects (shrapnel, bullets ...) it is necessary to present X-ray showing the position of this object.

4. A scan would require staying still for approx. 60 minutes and may cause claustrophobic reaction in people sensitive to space restrictions.

5. In the case of the planned CT and MRI with intravenous or intraarticular contrast agent - the patient must have a current result of creatinine (eGFR) level and the current X-ray, optionally CT or MRI of the area. We can never exclude necessity of intravenous contrast agent administration during MRI and CT. The decision is taken by radiologist during testing - so it is recommended to have a current result of creatinine (eGFR) in the blood.

6. It is not recommended to perform MRI on pregnant women, especially in the first trimester.

7. In the case of women, it is necessary to specify the date of last menstrual period.

8. During the test, the patient can not carry metal objects - you should avoid wearing clothing equipped with hooks, buckles, zippers, metal buttons. All electronic or magnetic items / cards / and ones containing metal must be left in the dressing room for the test - please keep this in mind when planning your visit.

9. In case of any doubts or questions regarding the above information, please ask your referring doctor for an explanation.