



## INFORMATION ABOUT X-RAY EXAMINATION

**How to get an X-ray examination?** At the expense of the national health insurance fund we only perform X-ray examination if you have a medical referral. The protection and rights of your personal data during healthcare are guaranteed by law (Act XLVII. of 1997 on the Protection of Health and Related Personal Data). This guarantees that your health and personal information will be kept confidential. If you voluntarily apply to an organizational unit of the Clinical Center, your consent to data management will be deemed to have been given, so you must provide credible proof of your personal data at the time of admission.

**In which age group X-ray examination can be used?** In appropriate case X-ray examination can be used in any age group.

**Does X-ray examination have any risk?** During X-ray examination an X-ray beam is used. Ionizing radiation has a tissue damaging effect, which has no lower limit, and based on statistical probability (in small percentage) it can trigger tumor formation. This is why we work with the lowest possible radiation dose, therefore there is only a minimal chance of developing radiation related damage. An informed consent is needed before the X-ray examination is performed. The body parts which are not examined will be protected from the radiation with a lead tile or coat during the examination. Due to the tissue damaging effect of the X-ray, please report the fact of pregnancy or lactation to the examination performing assistant. In the first trimester of pregnancy and in young children, alternative examination methods must be considered.

**How to prepare for X-ray examination?** Conventional X-ray examinations does not require any preparation, eating/drinking is allowed, and you can take your daily medicine.

**How is the X-ray examination performed?** You must expose the examined bodypart to a sufficient degree. You have to take off your clothing, shoes, jewelry, etc. The assistant then, in consultation with the patient (eg. right or left side, whether there is an implanted metal device/prosthetics, its length, etc.) will make the recordings based on the request on the examination form. From the limbs usually bidirectional or multidirectional, and from the chest monodirectional or bidirectional pictures are taken, depending on the purpose of the examination to accurately determine the pathological condition. Depending on the requested recordings, the test is performed in different positions, which is set by the assistant. You must stay still in the set position without moving during the test. Movement can make the recording invaluable! Please follow the assistant's instructions. If the radiologist consider it necessary, additional recordings will be taken.

**How long does it take?** It mostly depends on the number of taken pictures, but for each picture it usually takes a few minutes.

**When do you get your find?** The evaluation of the X-ray images starts shortly after the finished examination. If you come from a clinical ward or ambulance your treating clinician will get your find, so you don't have to wait for it. If you still want to get your hands on it, or in case you come with a referral from a general practitioner or external referral you can get your results at the reception of the Department of Medical Imaging. You have to wait for it (around 30-60 minutes, depends on the reading physicians and patient traffic). Here you also got the option of writing the test to a CD. Finding can be picked up at the reception by the patient or his/her representative.

If you have any further question, contact the investigation assistant with confidence!

Thank you for your cooperation!

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head of department