

TREATMENT WITH ²²³Ra-DICHLORIDE (XOFIGO)

In the comprehensive treatment of prostate cancer, when the disease is causing pain and has spread to the bones but not to other internal organs, ²²³Ra-dichloride (Xofigo) is used in specific cases. ²²³Ra-dichloride builds up in the tissue around the tumours and causes the destruction of tumour cells.

During treatment, the patient will stay in the hospital for 1–2 days, where he or she can use a private room with a toilet, sink and shower, as well as a TV, cable and non-cable Internet, telephone, refrigerator, microwave and hair dryer.

Xofigo is indicated for the treatment of advanced prostate cancer with bone metastases.

Possible side effects:

- decrease in platelet and blood cell counts;
- diarrhoea;
- nausea;
- vomiting.

Preparation for treatment

During the pre-treatment consultation, you will be informed about the details of the treatment procedure, the course of treatment, the expected benefits and the possible side effects. Also, you will be given individual pre- and post-treatment guidance.

After treatment, avoid conceiving a child for at least six months.

Bone fractures or spinal compression will be stabilised before treatment.

At the planning stage, blood tests will be performed to assess the haematopoietic function and the condition of the kidneys, and a scintigraphy of the whole body will be performed.

Tell your doctor if you are taking calcium, phosphate or vitamin D or if you have had chemotherapy. If necessary, discontinue taking these substances. Also, inform your doctor about long-term inflammation of the intestine, as it may worsen during treatment.

Administration of treatment

Treatment is usually administered six times at 4-week intervals.

On the day of treatment, the details of the procedure, the course of treatment and radiation safety requirements will be explained again, and your medical history and blood samples will be collected. You must sign a consent form before proceeding with the procedure.

You are not allowed to eat **4 hours** before and **1 hour** after the procedure.

It is advisable to drink plenty of fluids (2–3 litres) prior to and following administration of the medicinal product to protect the kidneys and to allow the unbound medicinal product to be cleared faster from the body. Treatment is administered by slow intravenous injection over 1 minute.

After the procedure:

- drink plenty of fluids so that the unbound medicinal product may be cleared faster from the body, and empty your bladder often to reduce the radiation burden on the bladder;
- frequent hand washing and careful personal hygiene are recommended;
- use effective contraception for at least six months to avoid conceiving a child;
- after treatment, you will receive medical follow-up and you will be asked to rate your pain on a visual analogue scale.

For further explanations, please call 617 1221 or 617 1216 or 617 1085.

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