Radium 223 Dichloride Injection (Xofigo®)

Xofigo® is an intravenous (IV) injection of the radioactive material radium 223. This injection treats prostate cancer that is resistant to hormone therapy. Treatment is given to patients whose cancer has spread to the bones but not to other parts of the body. As result, patients have bone-related symptoms.

The medical term for this is metastatic castration-resistant prostate cancer (mCRPC).

How it is Given
You will receive treatment in clinic. Xofigo® is placed into a vein through 6 infusions. Each infusion is scheduled 4 weeks apart. All infusion visits lasts about 60 minutes. Xofigo® is fused for over 1 minute.

Side Effects
The most common side effects of Xofigo® include:

- Nausea
- Diarrhea
- Vomiting
- Swelling of the arms or legs (peripheral edema)
- Low blood cell counts

During Treatment
You will have a blood test before each injection. The test advises if the treatment can be done. Report to your doctor any signs of:

- Low blood counts (shortness of breath or tiredness)
- Bleeding (bruising)
- Infection (fever)
- Dehydration
- Urinary or kidney problems

Make sure your radiation doctor knows if you are doing:

- Chemotherapy
- External beam radiation therapy

Inform your doctor if you have other medical issues.

Precautions
This is a radioactive treatment. The excess radiation comes out mostly in your feces and urine. It can also be present in vomit or blood.

There are no limits to contact with others after receiving Xofigo®.

Personal Hygiene
Bathroom hygiene is important for at least 1 week after the last treatment. Use your own bathroom if possible while doing treatment. Sit to urinate and use toilet paper afterwards. Close the lid and flush 2 times after using the toilet. Wash hands with soap and water after using the bathroom.

Caregivers should wear gloves to clean up bodily waste and/or fluids right away.

Pregnancy
People who are pregnant or can be should not be exposed to Xofigo®. Exposure might harm an unborn baby. Use gloves to avoid contact with the patient's bodily fluids.

Use condoms when sexually active. If needed, your partner should use birth control during your treatment and for at least 6 months after.

When to Call
Call the clinic if you develop:

- A fever of 100.4°F or higher, or chills
- Signs of allergic reaction
- Shortness of breath
- Increased bleeding or bruising
- Uncontrolled nausea or vomiting
- Unable to urinate
- Sore throat or mouth ulcers
- Other concerning symptoms

Who to Call
Radiation Oncology Clinic
(608) 263-8500

Your health care team may have given you this information as part of your care. If so, please use it and call if you have any questions. If this information was not given to you as part of your care, please check with your doctor. This is not medical advice. This is not to be used for diagnosis or treatment of any medical condition. Because each person's health needs are different, you should talk with your doctor or others on your health care team when using this information. If you have an emergency, please call 911.Copyright © 6/2025. University of Wisconsin Hospitals and Clinics Authority. All rights reserved. Produced by the Department of Nursing. HF# 7538