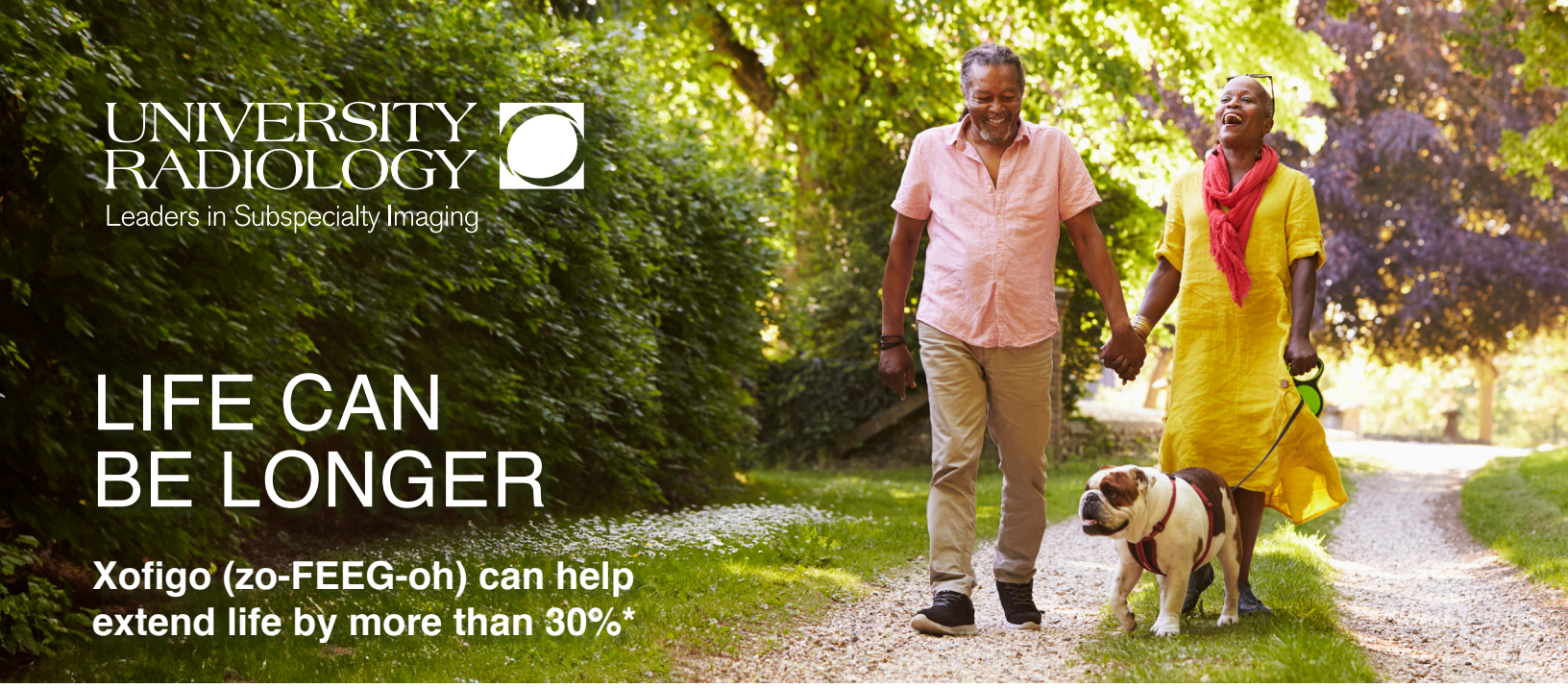
UNIVERSITY RADIOLOGY
Leaders in Subspecialty Imaging



LIFE CAN BE LONGER

Xofigo (zo-FEEG-oh) can help extend life by more than 30%*

Xofigo® is Now Offered in Our Nutley Office

Xofigo® (radium Ra-223 dichloride) is an alpha-particle–emitting radiopharmaceutical used to treat prostate cancer with osseous metastases.

Mechanism of action: Radium-223 is a calcium mimetic that preferentially localizes to areas of increased bone turnover, including osteoblastic activity associated with bone metastases. Incorporated into the bone matrix, radium-223 undergoes alpha decay, delivering high-energy radiation over a very short tissue range.

Localized cytotoxic effect: The short path length of alpha particles—several cell diameters—produces highly localized, high-linear-energy-transfer radiation and double-stranded DNA breaks, while limiting exposure to surrounding normal tissue.

Tissue exposure and toxicity: Normal bone and bone marrow are also exposed. Myelosuppression, including thrombocytopenia, anemia, and neutropenia, is an important potential toxicity. Gastrointestinal adverse effects, including diarrhea, nausea, and vomiting, may also occur.

Indication

Xofigo is indicated for patients with **castration-resistant prostate cancer (CRPC), symptomatic bone metastases, and no known visceral metastatic disease**. It is administered intravenously and provides a survival benefit in appropriately selected patients with bone-predominant disease.

In the pivotal ALSYMPCA trial, median overall survival was **14.9 months with radium-223 versus 11.3 months with placebo**, an approximately 3.6-month improvement.

Clinical consideration: Radium-223 is a bone-targeted alpha therapy distinct from androgen-signaling therapies and external-beam radiation. Patient selection, marrow reserve, metastatic burden, prior therapies, and concomitant systemic treatment should be considered when determining appropriate use.

- We provide transportation to and from appointments
- We provide benefits investigation to determine coverage
- Can assist non-insured and minimally insured with the Bayer US Patient Assistance Foundation https://www.patientassistance.bayer.us/en/resources

Schedule by phone: 973-922-8181 • Office hours: 7:00am - 3:30pm Monday-Friday

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