



LDR BRACHYTHERAPY WITH PALLADIUM-103

Precision Targeted
Prostate Cancer Treatment

WHAT IS LDR BRACHYTHERAPY WITH PALLADIUM-103?

Brachytherapy (bray*kee*teh*ruh*pee) involves the insertion of tiny radioactive seeds, each about the size of a sesame seed, directly into the prostate gland. The seeds are LDR (Low Dose Rate) and contain a radioactive isotope called Palladium-103. Once implanted in the prostate, the seeds emit a continuous low radiation dose over several weeks, gradually destroying cancer cells while minimizing damage to nearby healthy tissue. Eventually, the seeds stop delivering radiation. They remain in the prostate for life.

When done with intraoperative real-time adaptive planning, LDR Brachytherapy can deliver millimeter-level precision to sculpt the radiation dose to your specific anatomy and “dose-escalate” to areas of concern while minimizing radiation to surrounding tissues.

PROCEDURE AND RECOVERY

LDR Brachytherapy with Palladium-103 is a one-time outpatient procedure. No overnight stay is needed. The procedure typically takes between 30 and 60 minutes. The vast majority of men return to their normal lives the day after the procedure with minimal to no pain or discomfort.

LOWER RATE OF SIDE EFFECTS

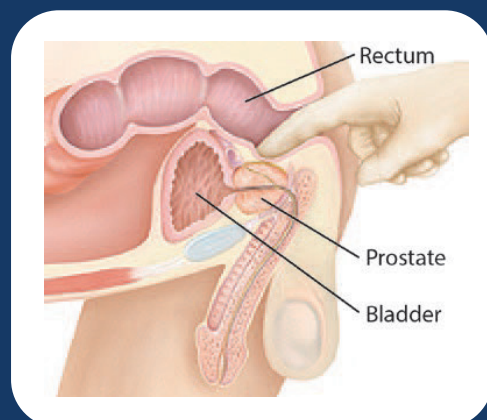
Compared to many other conventional treatments for prostate cancer, modern, intraoperatively planned LDR brachytherapy has lower rates of sexual, urinary, and gastrointestinal side effects.

AM I A CANDIDATE?

LDR Brachytherapy with Palladium-103 is ideal for men with early-stage prostate cancer that is less likely to spread beyond the prostate. It may also be combined with other treatments for men with intermediate or high-risk prostate cancers or those who have a greater chance of their cancer spreading beyond the prostate.

THE PROSTATE

The prostate is a gland in the male reproductive system, about the size of a walnut. It is located below the bladder, in front of the rectum, and surrounding the urethra. One in eight men will be diagnosed with prostate cancer in their lifetime, but the earlier is it detected, the more options for treatment and the higher the chance of survival.



COMPREHENSIVE PROSTATE CANCER CARE CLOSE TO HOME

A multi-disciplinary team delivering the latest and most advanced treatment options.

In collaboration with Western Radiation Oncology, Michigan Institute of Urology provides a team of three skilled physicians specializing in urology and radiation oncology for prostate cancer patients. The team is committed to offering the latest and most advanced treatment options. Their patient-centered approach means treatment is tailored to each patient's individual needs.



Steven Kurtzman, M.D. | *Director of Prostate Brachytherapy*

Dr. Kurtzman is a board-certified radiation oncologist in practice since 1996. Dr. Kurtzman is nationally renowned for his real-time prostate brachytherapy expertise. He has taught the brachytherapy technique to physicians across the U.S. for two decades and has served on medical advisory boards for multiple companies regarding brachytherapy.



Ankit Agarwal, M.D. | *Director of Radiation Therapy*

Dr. Agarwal is a radiation oncologist specializing in innovative prostate cancer treatments. He has treated over 1,000 men using intraoperatively planned prostate brachytherapy. A prolific researcher, he is dedicated to advancing cancer treatment, serving in leadership roles with the American Medical Association and the American Society for Radiation Oncology.



John Shumway, M.D. | *Radiation Oncologist*

Dr. Shumway is a skilled and accomplished radiation oncologist. He uses multiple modalities, including SRS, SBRT, image-guided and adaptive radiotherapy, brachytherapy, and gel spacer placement. He has authored numerous articles published in highly regarded oncology journals and presented at multiple national meetings.

WHERE CAN I GET LDR BRACHYTHERAPY WITH PALLADIUM-103?

The treatment is now available at our Town Center Ambulatory Surgery Center.

The surgery center provides more convenience, easier access and parking, and more personalized care than most hospital settings. Surgery centers are typically a lower-cost option than getting the same procedure in a hospital.



Town Center ASC, PLLC
130 Town Center | Suite 130
Troy, MI 48084



**Get Driving Directions
to Town Center ASC:**

248.680.9101
MichiganUrology.com

ASK YOUR UROLOGIST IF LDR BRACHYTHERAPY WITH PALLADIUM-103 IS RIGHT FOR YOU.