



TheraSeed[®] Pd-103

Remember the name.
Forget the cancer.

Compare Prostate Cancer Treatments

TheraSeed[®] Treatment Advantages

COMPARED TO SURGERY	THERASEED[®] TREATMENT (Brachytherapy with Pd-103)²	SURGERY (Radical Prostatectomy)
Incontinence	Less than 1% ^{1,5}	As high as 10% ⁴
Impotence	Approximately 10-15% ^{1,7}	Up to 79.6% ⁵
Length of procedure	Approximately 45 minutes	1-4 hours
Hospitalization	Rarely	3-5 days
Resume routine activities	Within days	Approximately 8 weeks
COMPARED TO IODINE SEEDS (Brachytherapy with I-125)	THERASEED[®] TREATMENT (Brachytherapy with Pd-103)²	IODINE SEEDS (Brachytherapy with I-125)²
Three-year probability of freedom from long-term complications	Approximately 100% ³	Approximately 82% ³
Works 2-3 times faster for better control of rapidly dividing cells	Yes	No
Duration of common side effects	2-3 weeks	60-90 days
COMPARED TO CRYOSURGERY	THERASEED[®] TREATMENT (Brachytherapy with Pd-103)²	CRYOSURGERY
Independent studies spanning 12 years prove effectiveness	Yes	No
Impotence	Approximately 10-15% ^{1,7}	Vast majority ⁸
Hospitalization	Rarely	1-2 night stay
COMPARED TO EBRT/IMRT	THERASEED[®] TREATMENT (Brachytherapy with Pd-103)²	EBRT/IMRT
Length of treatment	Approximately 45 minutes	5 days a week for 6-8 weeks
Independent studies spanning 12 years prove effectiveness	Yes	For EBRT only; no 12-year studies for IMRT

[1] Sharkey J, Cantor A, Solc Z, Huff W, Chovnick SD, Behar RJ, Perez R, Otheguy J, Rabinowitz R. Brachytherapy versus radical prostatectomy in patients with clinically localized prostate cancer. *Current Urology Reports*. 2002;3:250-257.

[2] The most commonly reported side effects of prostate brachytherapy are short-term urinary or obstructive symptoms within the first few weeks after the implant procedure.

[3] Peschel RE, Chen Z, Roberts K, Nath R. Long-term complications with prostate implants: iodine-125 vs. palladium-103. *Radiation Oncology Investigations*. 1999;7(5):278-288.

[4] Peschel RE, Colberg JW. Surgery, brachytherapy, and external-beam radiotherapy for early prostate cancer. *Lancet Oncology*. 2003;4:233-41.

[5] Potosky, AL, Legler J, Albertsen PC, Stanford JL, Gilliland FD, Hamilton AS, Eley JW, Stephenson RA, Harlan LC. Health outcomes after prostatectomy or radiotherapy for prostate cancer: results from the prostate cancer outcomes study. *Journal of the National Cancer Institute*. 2000;92(19):1582-1592.