

# PROSTATE CANCER TREATMENT PLAN

## BRACHYTHERAPY

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### CT SCAN (Planning CT Scan)

- Create a dry run radiation plan
- Plan used to order number & strength of seeds
- Requires pre-op testing within 30 days
- Requires clean-out prep similar to colonoscopy

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### BRACHYTHERAPY (Radioactive Seed Implant)

- 45 minutes
- Outpatient with sedation
- Urinary catheter overnight
- Radiation safety precautions
- Iodine seeds
- Takes place at Summit Brachytherapy ASC:  
St. Agnes Hospital Campus, Angelos Pavilion, 2nd  
floor, 3407 Wilkens Ave, Baltimore, MD 21229
- Rectal Spacer  Yes  No

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4 Weeks Later

### CT SCAN (Follow-up CT Scan)

- 4 weeks later a CT scan is done to check seed placement and create a plan to calculate dose received by the prostate

#### SEED IMPLANT COMMON SHORT TERM SIDE EFFECTS INCLUDE:

- Blood in the urine and semen
- Bothersome urination symptoms (such as slow flow, frequency, urgency, and burning)
- Change of bowel habits (such as frequent, loose, or urgent)
- Minimal tiredness

*\*This is not a comprehensive list and other possible risks of treatment will be reviewed by your physician*

#### AFTER SEED IMPLANT POSSIBLE LONG TERM SIDE EFFECTS INCLUDE:

- Bothersome urination symptoms
- Incontinence (inability to control urination or bowel habits)
- Rectal bleeding or even fistula (radiation proctitis)
- Sexual problems (impotency, inability to ejaculate)
- Secondary cancers (remote risk; could occur in the bladder or rectum)

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**Brachytherapy** - (also called a seed implant) is a treatment using radioactive seeds placed directly inside of the prostate gland during a 45 minute outpatient procedure. This treatment is sometimes used alone for low risk patients or combined with five weeks of IG-IMRT for patients with higher risk prostate cancers. Most often, a permanent radioactive seed is used and this is referred to as LDR, or low dose rate brachytherapy. Some centers also use temporary HDR, or high dose rate brachytherapy, which requires either hospitalization or up to two separate procedures.



