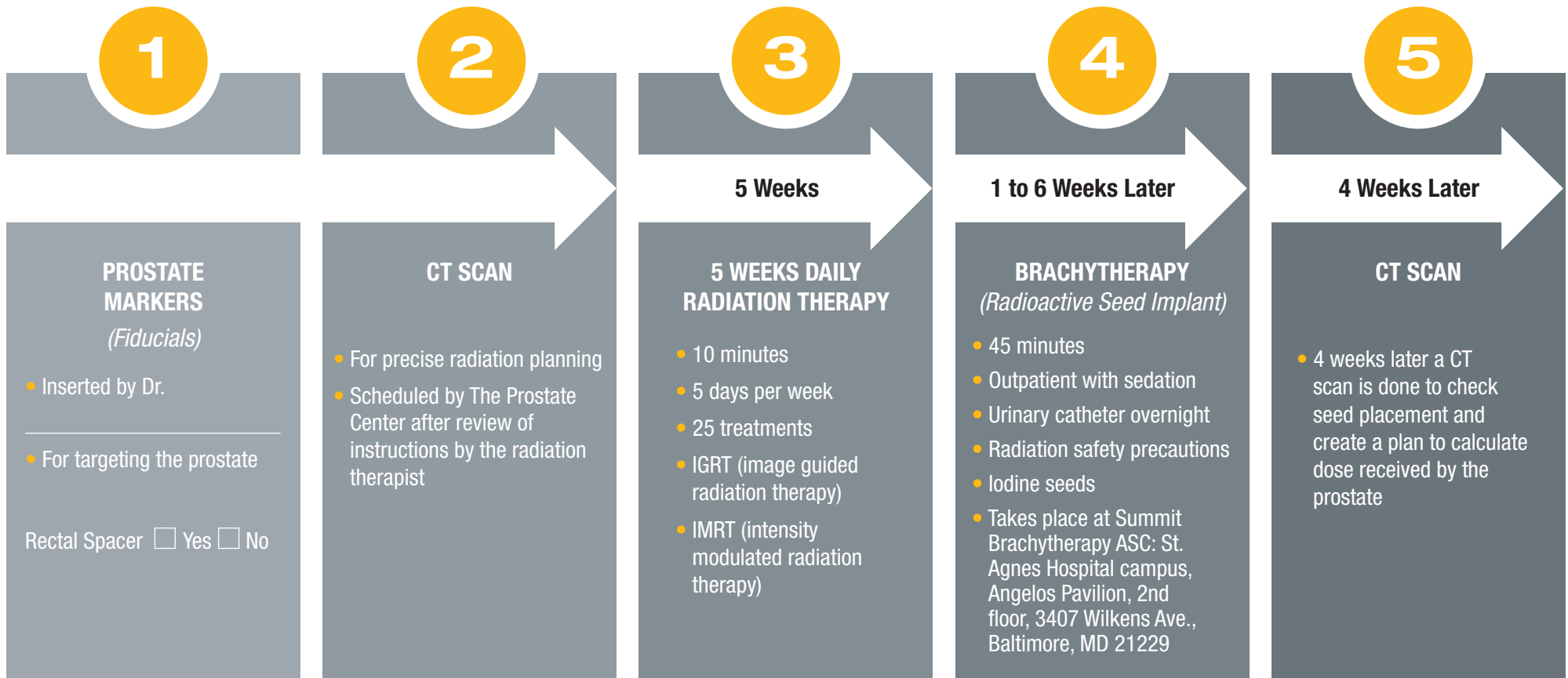


PROSTATE CANCER TREATMENT PLAN

External Beam Radiation Therapy (EBRT) and Brachytherapy



DURING THE COURSE OF RADIATION THERAPY & SEED IMPLANT COMMON SHORT TERM SIDE EFFECTS INCLUDE:

- Bothersome urination symptoms (such as slow flow, frequency, urgency, and burning)
- Change of bowel habits (such as frequent, loose, or urgent)
- Tiredness

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

AFTER RADIATION THERAPY & 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)

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

Chesapeake
UROLOGY

CHESAPEAKE UROLOGY
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EBRT (External Beam Radiation Therapy) for prostate cancer uses high-energy beams generated by a machine called a linear accelerator that pinpoints the beams to your prostate gland with techniques called IGRT (image guided radiation) & IMRT (intensity modulated radiation).

EBRT for prostate cancer kills cancer cells by destroying the genetic material that controls how cells grow and divide. Healthy cells in the beam's path also are affected by external beam radiation therapy which can result in side effects.

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.

