

## 5 Fraction Arm

		Dosimetry Parameters for 5 fraction arm and with all delivery devices except CyberKnife **	Dosimetry Parameters for 5 fraction arm and treatment with CyberKnife
Organ	Volume	Dose (Gy)	Dose (Gy)
Prostate (PTV)	Maximum point dose (0.03cc)	$\leq 38.78$ Gy 107% of prescription dose *	$<43.5$ Gy 120% of prescription dose *
	Minimum dose received by 95% of PTV	$\geq 36.25$ Gy 100% of prescription dose	Same
	Minimum dose received by PTV	$\geq 34.4$ Gy 95% of prescription dose	Same
Rectum	Maximum point dose (0.03cc)	$\leq 38.06$ Gy 105% of the prescription dose	Same
	Less than 3 cc	$< 34.4$ Gy 95% of prescription dose	Same
	90% rectum	$\leq 32.625$ Gy 90% of prescription dose	Same
	80% rectum	$\leq 29$ Gy 80% of prescription dose	Same
	50% rectum	$\leq 18.125$ Gy 50% of prescription dose	Same
Bladder	Maximum point dose (0.03cc)	$\leq 38.06$ Gy 105% of prescription dose	Same
	90% Bladder	$\leq 32.625$ Gy 90% of prescription dose	Same
	50% Bladder	$\leq 18.125$ Gy 50% of prescription dose	Same
Penile bulb (recommended)	Maximum point dose	No more than 100% of prescription dose	Same
	Less than 3 cc	20 Gy 54% of prescription dose	Same
Femoral heads	Less than 10 cc cumulative (both sides)	20 Gy 54% of prescription dose	Same
Skin (recommended)	Maximum point dose	30 Gy 81% of prescription dose	Same
Urethra dose		$\leq 38.78$ Gy * 107% of prescription dose	Same

\*Visualization of the urethra would be required to confirm urethral dose is  $\leq 38.78$  Gy – 107% of prescription dose where the max point dose (0.03cc) within the PTV exceeds 38.78 Gy – 107% of prescription dose

\*\* For protons these dose constraints need to be interpreted as Gy (RBE). See Section 6.1.4.