

Table S1. Planning objectives and dose constraints for organs-at-risk (OARs).

Structure	Low- and intermediate-risk	High-risk
Planning objectives		
<i>PTV</i>	V38.8 Gy < 0.03cc	V42 Gy < 0.03cc
	V36.25 Gy > 95%	V40 Gy > 95%
OAR dose constraints		
<i>Rectum</i>	V38.1 Gy < 0.03cc	V41.6 Gy < 0.03cc
	V34.4 Gy < 3cc	V38 Gy < 3cc
	V32.6 Gy < 10%	V36 Gy < 10%
	V29 Gy < 20%	V32 Gy < 20%
	V18.1 Gy < 50%	V20 Gy < 50%
<i>Bladder</i>	V38.1 Gy < 0.03cc	V41.6 Gy < 1cc
	V32.6 Gy < 10%	V37 Gy < 5cc
	V18.1 Gy < 50%	V36 Gy < 10%
		V20 Gy < 50%
<i>Femoral Head</i>		V18.1 Gy < 60%
	V20 Gy < 10cc	V20 Gy < 10cc
<i>Penile Bulb</i>	Dmax < 30 Gy	Dmax < 30 Gy
	V20 Gy < 3cc	D2% < 28.5 Gy
		V20 Gy < 3cc
	Dmax < 36.25 Gy	Dmax < 40 Gy
		Dmean < 16 Gy

Dmax/Dmean = maximum/mean dose; PTV = planning target volume.