

Supplemental Table 1: MRI simulation scanning parameters for prostate group including current sequences used for anatomic segmentation (black) and additional sequences needed for s-CT generation (blue)

Sequence	Acquisition Time (min)	BW (Hz/Px)	TE (ms)	TR (ms)	FA (°)	Resolution (mm x mm x mm)	ST (mm)	FOV (mm)
AX T2 SPACE 3D	6.45	558	132	1600	170	1.0 x 1.0 x 1.0	1	450
T2 AX BLADE 2D	5.17	446	78	6450	150	0.8 x 0.8 x 3.0	3	240
DIXON 3D	2.15	1010	2.39	6.27	15	2.0 x 2.0 x 2.0	2	448