

Quantum Imaging and Therapeutic Associates

Rectal Cancer – 3.0 Tesla

Indications	Rectal cancer, initial staging or restaging
Coil	Flex L, torso
Position	Supine
FOV	32 cm (Ax T1 pelvis), 20 cm (all others)
Comments / Special	3T only. Axes should be oriented to the rectum.

<u>Sequence</u>	<u>TR</u>	<u>TE</u>	<u>TI</u>	<u>Flip</u>	<u>ST/sp</u>	<u>Matrix</u>
Sag T2	>3000	100		90	3/0.3	224 x 320
Ax T2	>3000	100		90	3/0.3	224 x 320
Cor T2	>3000	100		90	3/0.3	224 x 320
Ax T1 (pelvis)	500-700	10-20		90	5/1	224 x 320
Ax T1 FS SPGR	200	1.5		15	3/0	192 x 320
Ax T1 FS SPGR gad	200	1.5		15	3/0	192 x 320
Sag T1 FS SPGR gad	200	1.5		15	3/0	192 x 320
Cor T1 FS SPGR gad	200	1.5		15	3/0	192 x 320
Ax DWI b0, b400, b800 (optional)	3500	80		90	3/0.3	128 x 128