

 University Health™	POLICY #: Rad Proc 14. 15. 17
SUBJECT: : RECTAL CANCER	Effective: 10/1/2013 Revised: 2/2015: 10/2017
APPROVED BY Eduardo Gonzalez-Toledo, MD PhD	Page 1 of 2

ORIENTATION: FEET FIRST/SUPINE

COIL: HD BODYLOWER

PLANE	3 PLN LOC	CALIBRATION	SAG T2	SAG T2 CUBE	AX T2 FS (TO RECTUM)	AX T2 (TO RECTUM)	AX T1 (TO RECTUM)	COR T2 (TO RECTUM)	COR T2 FS (TO RECTUM)
SEQ	SPIN ECHO	Gradi Echo	FSE-XL	T2 CUBE	FSE- XL	FSE XL	FSE- XL	FSE- XL	FSE- XL
MODE	2D	2d	2D	3D	2D	2D	2D	2D	2D
IMAGING OPTIONS	SEQ/FAST/SS	Faast/Calib	FC/NPW/EDR/FAST	EDR/FAST/Z512/Z2/FR	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST/TRF
TE	80 ms+		102.0 ms +		102 ms+	102 ms+	MIN FULL	102 ms+	102 ms+
TR	MIN		9934. ms +	2000	5350. ms+	4967 ms+	467	4967. ms+	5350 ms+
TI									
FLIP ANGLE									
ETL			21	55	21	20	3	21	21
BW	83.33		22.73	31.25	22.73	20.83	22.73	22.73	22.73
FOV	44	48	22	26	22	22	18	22	22
SLICE THICKNESS	8	6	4	2	4	4	5	4	4
SLICE SPACING	10	0	0	44 LOCS/SL	0	0	1	0	0
Frequency	320		256	256	256	256	256	256	256
Phase	192		192	256	192	192	192	192	192
NEX			2	1	2	2	2	2	2
PHASE FOV	1			1					
FREQ DIR	UNSWAP	A/P	S/I	S/I	S/I	R/L	R/L	S/I	S/I
FLOW COMP DIR			FREQ		FREQ	FREQ	FREQ	FREQ	FREQ
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	ON	OFF	ON	ON	ON	ON	ON

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NOTES:

SAG T2: The SAG T2 is used to provide an overview of the pelvis. It will be utilized to plan the obl ax and obl cor series.

SAG T2 CUBE: Depending on pt body habitus, the fov/number of locs may have to be adjusted to prevent wrap artifact. Include axial and coronal reconstructions, per Dr. Sangster. Name these reconstructions before saving them.