

**PROTOCOL: MR PELVIS WWO-MALE-PROSTATE (3T PREFERRED)**

**CLINICAL INDICATIONS/ HISTORY:** PROSTATE CA-STAGING (NOT TO BE USED FOR TREATMENT PLANNING UNLESS ADDITIONAL SCANS ARE ADDED)

SCAN ORDER	PLANE	IMAGE CONTRAST / WEIGHTING	MODE	PULSE SEQ	COVERAGE	TR RANGE	TE RANGE	TI	FLIP ANGLE	THICKNESS / GAP (mm)	FOV (cm)	Max Pixel (mm) Fr x Ph	PHASE AXIS	SEND TO PACS	Max scan time (target)
1	AX	T2	2D	FSE/ PROPELLER/ BLADE	PROSTATE AND SEMINAL VESICLES	>3000	120	-	>130	3/1	18-20	.9X.9	RL	FULL SERIES	6:00
2	SAG	T2	2D	FSE/ PROPELLER/ BLADE	PROSTATE AND SEMINAL VESICLES	>3000	120	-	>130	3/1	18-20	.9X.9	SI	FULL SERIES	6:00
3	COR	T2	2D	FSE/ PROPELLER/ BLADE	PROSTATE AND SEMINAL VESICLES	>3000	120	-	>130	3/3	18-20	.9X.9	RL	FULL SERIES	6:00
4	AX	T1	2D	FSE	PROSTATE AND SEMINAL VESICLES	<790	MIN	-	>130	3/1	18-20	.9X.9	RL	FULL SERIES	5:00
5	AX	T1	3D	FSPGR/ VIBE	WHOLE BONY PELVIS	MIN	MIN	-	8-15	3-4/OVLP	36	1X1.5	PA	FULL SERIES	<18s
6	AX	STIR	2D	FSE	WHOLE BONY PELVIS	>3000	60-80	140-150	>130	5/1.5	36-40	1X1.25	RL	FULL SERIES	4:00
7	AX	DWI B50/800 (*+1400C)	2D	EPI/FOCUS/ RESOLVE	PROSTATE AND SEMINAL VESICLES	>5000	MIN	-	180	4/0 (3/0 PREFERRED)	18-20	1.5X2.75	AP	FULL SERIES+ADC	4:00
*IF YOUR SCANNER CAN GENERATE A CALCULATED (AKA SYNTHETIC) B-VALUE OF 1400, IT IS NOT NECESSARY TO SCAN SERIES 8.															
8	AX	DWI B1400	2D	EPI/FOCUS/ RESOLVE	PROSTATE AND SEMINAL VESICLES	>5000	MIN	-	180	4/0 (3/0 PREFERRED)	18-22	1.75X3.0	AP	FULL SERIES+ADC	6:00
9+C	AX	T1 MULTIPHASE	3D	VIBE/LAVA/TWISTVIBE/ DISCO	PROSTATE AND SEMINAL VESICLES	MIN	MIN	-	8-15	4-5/OVLP	20-24	1.5X1.75	PA	FULL SERIES+ COLOR MAPS	MULTI TO 2:00
10+C	AX	T1 FS	3D	LAVA/VIBE/FLEX/ DIXON	ENTIRE PELVIS	MIN	MIN	-	8-15	3-4/OVLP	36	1X1.75	PA	WATER	<18s