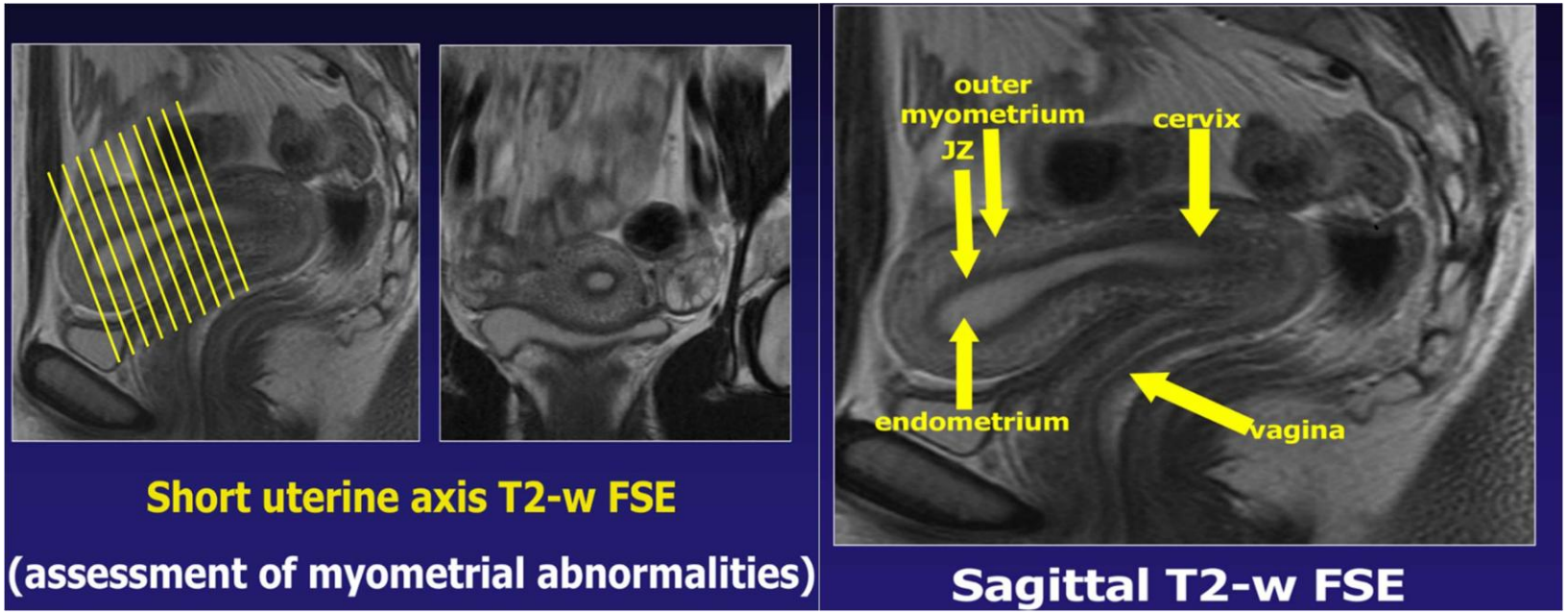
MRI FEMALE PELVIS

SELECT RADIOLOGY SOLUTIONS
A Division of Radiology Imaging Associates

Approval: E. Alvarez, MD rev:1 1/2026

Sequence	Pulse Sequence	FAT SAT	FOV	Slice Thick (mm)	Gap (mm)	Matrix		Scan Direction	NOTES
						Phase	Freq		
3 plane loc									
COR T2	HASTE	NONE	36	6	1.2	256	320	A-P	
AX T1 IN/OUT PHASE	3D VIBE	DIXON	38	3	0	195	320	H-F	*-TE 1.29 / 2.52* *-Send In / Opposed phase to PACS*
AX T2 FULL PELVIS Breath hold	TSE	WEAK	38	5	1.5	182	320	H-F	*-Cover full pelvis*
SAG T2	TSE	NONE	23	3	1	256	320	R-L	*-sagittal to uterus* *-Use anterior sat band to prevent abdominal wall motion across image*
AX T2	TSE	NONE	23	3	1	256	320	H-F	*-obl to uterus* *-Use oversampling or sat bands to eliminate wrap*
CONTRAST									
AX 3D T1 PRE	VIBE	YES	36	3	0	218	320	H-F	
SAG 3D T1 PRE 1	VIBE	YES	23	3.5	0	215	384	R-L	*-obl to uterus* *-Use sat bands over anterior abdominal wall to reduce phase motion*

SAG 3D T1 POST 1	VIBE	YES	23	3.5	0	215	384	R-L	*-obl to uterus* *-Use sat bands over anterior abdominal wall to reduce phase motion*
SAG 3D T1 POST 2	VIBE	YES	23	3.5	0	215	384	R-L	*-Copy Pre*
SAG 3D T1 POST 3	VIBE	YES	23	3.5	0	215	384	H-F	*-Copy Pre*
AX DIFF	DIFF	STRONG	38	5	1.5	134	134		*-USE OVERSAMPLING AND SAT BANDS TO ELIMINATE PHASE WRAP/MOTION* *-B50* *-B500* **NOTE: If non contrast exam is done, add the DIFF and ADC to the non contrast exam*
AX ADC MAPPING	*CREATE ADC FROM DIFF*								
AX 3D T1 POST	VIBE	YES	36	3	0	218	320	H-F	*-Copy pre*
POST PROCESSING									
SUBTRACTIONS	*SUBTRACT POST FROM PRE AX 3D T1 SERIES and SAG 3D T1 SERIES. COMBINE SUBTRACTED SEREIS INTO ONE SERIES AND SEND TO PACS*								


Short uterine axis T2-w FSE
(assessment of myometrial abnormalities)
outer myometrium
JZ
cervix
endometrium
vagina
Sagittal T2-w FSE