NW
IMAGING FORUMS, INC.

ENDOMETRIAL CANCER 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Patient should empty bladder before scanning • MD to check for Axial and Coronal Oblique angulations (true to endometrial lining)
Common Indications	Gynecologic malignancies, characterization of pelvic mass
Position	Supine; head or feet first
Coil	Body Array (anterior); Spine Array (posterior)
Landmark	Center of coil; below belly button; adjust after LOC using ISO mode imaging

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose	Injection Rate	Dose Timing Method and Scan Delay
Gadopiclenol (VUEWAY)	0.05 mmol/kg	2 mL/sec	Refer to postcontrast timing delay below
Saline Flush	20 mL	2 mL/sec	—
Comments	• Report agent administered and dose • Use minimal dose for patients with a GFR <30 mL/sec		

IMAGING PARAMETERS

Scan Description	3 PLANE HASTE SCOUT	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI	AXIAL T2 Fat Sat Large FOV	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 25 sec 60 sec 180 sec	AXIAL VIBE Post Large FOV 180 sec
Sequence Name	h	tse	tse	tse	epse	tse	fl	fl	fl	fl	fl
Dimension	2D	2D	2D	2D	—	2D	3D	3D	3D	3D	3D
Acceleration Mode	GRAPPA	GRAPPA	GRAPPA	GRAPPA	GRAPPA	GRAPPA	CAIPIRINHA	CAIPIRINHA	GRAPPA	GRAPPA	CAIPIRINHA
Acceleration Factor PE	2	2	2	2	2	2	2	2	2	2	2

SCAN PARAMETERS

Scan Description	3 PLANE HASTE SCOUT	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI	AXIAL T2 Fat Sat Large FOV	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 25 sec 60 sec 180 sec	AXIAL VIBE Post Large FOV 180 sec
TR	1000.0 ms	4410.0 ms	4410.0 ms	4700.0 ms	6800.0 ms	2840.0 ms	6.8 ms	4.2 ms	4.7 ms	4.7 ms	4.2 ms
TE	121 ms	99 ms	99 ms	99 ms	87 ms	86 ms	1: 2.39 ms 2: 4.77 ms	1.81 ms	2.36 ms	2.36 ms	1.81 ms
Flip Angle	105 deg	160 deg	160 deg	160 deg	—	160 deg	10 deg	10 deg	10 deg	10 deg	10 deg
Turbo Factor	256	23	23	25	—	29	—	—	—	—	—
Bandwidth	698 Hz/Px	300 Hz/Px	300 Hz/Px	300 Hz/Px	1148 Hz/Px	260 Hz/Px	510 Hz/Px	540 Hz/Px	450 Hz/Px	450 Hz/Px	540 Hz/Px
Fat-Water Contrast	Standard	Standard	Standard	Standard	SPAIR	SPAIR	Dixon	Fast Fat Saturation	Fast Fat Saturation	Fast Fat Saturation	Fast Fat Saturation
Fat Saturation	—	—	—	—	Strong	Strong	—	—	—	—	—
Gradient Mode	Fast	Normal	Normal	Normal	Fast	Fast	Fast	Fast	Fast	Fast	Fast
RF Pulse Type	Normal	Normal	Normal	Normal	Low SAR	Fast	Fast	Fast	Fast	Fast	Fast

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Supported by an educational grant from Bracco Diagnostics Inc.

MR Gadopiclenol (VUEWAY®) Protocol for Siemens MRI Scanners
Body MR Imaging

IMAGING FORUMS, INC.

ACQUISITION PARAMETERS

Scan Description	3 PLANE HASTE SCOUT	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI	AXIAL T2 Fat Sat Large FOV	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 25 sec 60 sec 180 sec	AXIAL VIBE Post Large FOV 180 sec
Asymmetric Echo	—	—	—	—	—	—	Strong	Off	Off	Off	Off
Base Resolution	256	320	320	320	128	320	288	256	288	288	256
Phase Resolution	100%	70%	70%	80%	100%	70%	65%	70%	70%	70%	70%
Slice Resolution	—	—	—	—	—	—	61%	50%	61%	61%	50%
Averages	1	3	2	2	1, 3, 4	1	1	1	1	1	1
Concatenations	1	2	2	2	1	4	1	1	1	1	1
b-value	—	—	—	—	0 s/mm2 50 s/mm2 400 s/mm2 800 s/mm2	—	—	—	—	—	—
FoV Read	380 mm	220 mm	200 mm	180 mm	260 mm	380 mm	425 mm	380 mm	265 mm	265 mm	380 mm
FoV Phase	100%	100%	113%	109%	88%	81%	89%	91%	100%	100%	91%
Phase Encoding Dir.	R >> L	A >> P	R >> L	R >> L	A >> P	A >> P	A >> P	A >> P	A >> P	A >> P	A >> P
Phase Oversampling	50%	10%	100%	100%	10%	0%	25%	30%	20%	20%	30%
Slice Oversampling	—	—	—	—	—	—	27%	33%	0%	0%	33%
Phase Partial Fourier	5/8	Off	Off	Off	6/8	Off	6/8	Off	6/8	6/8	Off
Slice Partial Fourier	—	—	—	—	—	—	6/8	6/8	6/8	6/8	6/8
Flow Compensation	None	None	None	None	—	None	—	—	—	—	—

SCANNING RANGE

Scan Description	3 PLANE HASTE SCOUT	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI	AXIAL T2 Fat Sat Large FOV	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 25 sec 60 sec 180 sec	AXIAL VIBE Post Large FOV 180 sec
Elliptical Filter	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
Normalize	Prescan	Prescan	Prescan	Prescan	Off	Prescan	Prescan	Prescan	Prescan	Prescan	Prescan
Raw Filter	Off	Off	Off	Off	On	Off	Off	Off	Off	Off	Off
Distortion Correction	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D
Slice Thickness	6.0 mm	3.0 mm	4.0 mm	3.0 mm	7.0 mm	6.0 mm	3.0 mm	3.0 mm	3.0 mm	3.0 mm	3.0 mm
Distance Factor	150%	20%	0%	20%	0%	20%	20%	20%	20%	20%	20%
Slices	Slices 13	Slices 40	Slices 40	Slices 40	Slices 32	Slices 37	Slices per Slab 88	Slices per Slab 72	Slices per Slab 72	Slices per Slab 72	Slices per Slab 72
Time of Acquisition	34 sec	2:49 min	3:24 min	3:57 min	3:19 min	1:21 min	16 sec	12 sec	20 sec	20 sec	12 sec

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