NW
IMAGING FORUMS, INC.

PELVIS ENDOMETRIAL CANCER 3T

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 LOCALIZER	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI 50 400 800	AXIAL T2 Fat Sat Large FOV	AXIAL 3D In-Out-of-Phase	AXIAL VIBE Pre Pelvis Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 30 sec 60 sec 180 sec	AXIAL VIBE Post Pelvis Large FOV	SAGITTAL Resolve DIFF b50 800
Sequence Name	h	tse	tse	tse	epse	tse	fl	fl	fl	fl	fl	resolve
Dimension	2D	2D	2D	2D	—	2D	3D	3D	3D	3D	3D	2D
Acceleration mode	GRAPPA	GRAPPA	GRAPPA	GRAPPA	GRAPPA	GRAPPA	CAIPIRINHA	CAIPIRINHA	CAIPIRINHA	CAIPIRINHA	CAIPIRINHA	GRAPPA
Acceleration Factor PE	2	2	2	2	2	2	2	2	2	2	2	2
Acceleration Factor 3D	—	—	—	—	—	—	2	2	2	2	2	—

SCAN PARAMETERS

Scan Description	3 PLANE HASTE LOCALIZER	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI 50 400 800	AXIAL T2 Fat Sat Large FOV	AXIAL 3D In-Out-of-Phase	AXIAL VIBE Pre Pelvis Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 30 sec 60 sec 180 sec	AXIAL VIBE Post Pelvis Large FOV	SAGITTAL Resolve DIFF b50 800
TR	1000 ms	4950 ms	4830 ms	5240 ms	5500 ms	2630 ms	4.2 ms	3.3 ms	4.1 ms	4.1 ms	3.3 ms	5180.0 ms
TE	118 ms	102 ms	112 ms	102 ms	62 ms	82 ms	1: 1.29 ms 2: 2.51 ms	1.6 ms	2.01 ms	2.01 ms	1.6 ms	43 ms
Flip Angle	105 deg	160 deg	160 deg	160 deg	—	120 deg	9 deg	10 deg	10 deg	10 deg	10 deg	180 deg
Turbo Factor	256	23	23	25	—	19	—	—	—	—	—	—
Bandwidth	698 Hz/Px	252 Hz/Px	252 Hz/Px	252 Hz/Px	1736 Hz/Px	195 Hz/Px	1040 Hz/Px	650 Hz/Px	460 Hz/Px	460 Hz/Px	650 Hz/Px	801 Hz/Px
Fat-Water Contrast	Standard	Standard	Standard	Standard	SPAIR	SPAIR	Standard	Fast Fat Saturation	Fast Fat Saturation	Fast Fat Saturation	Fast Fat Saturation	SPAIR
Fat Saturation	—	—	—	—	Strong	Strong	—	—	—	—	—	Strong
Gradient Mode	Fast	Normal	Normal	Normal	Performance	Normal	Fast	Fast	Fast	Fast	Fast	Fast
RF Pulse Type	Normal	Low SAR	Low SAR	Low SAR	Normal	Normal	Fast	Fast	Fast	Fast	Fast	Normal
Asymmetric Echo	—	—	—	—	—	—	Off	Off	Off	Off	Off	—

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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 LOCALIZER	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI 50 400 800	AXIAL T2 Fat Sat Large FOV	AXIAL 3D In-Out-of-Phase	AXIAL VIBE Pre Pelvis Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 30 sec 60 sec 180 sec	AXIAL VIBE Post Pelvis Large FOV	SAGITTAL Resolve DIFF b50 800
Base Resolution	256	320	320	320	192	256	320	320	320	320	320	120
Phase Resolution	100%	83%	86%	80%	80%	69%	75%	75%	75%	75%	75%	100%
Slice Resolution	—	—	—	—	—	—	57%	61%	65%	65%	61%	—
Averages	1	2	2	3	2, 4, 4	1	1	1	1	1	1	1, 2
Concatenations	1	2	2	2	1	4	1	1	1	1	1	1
b-value >=	—	—	—	—	0 s/mm2 50 s/mm2 400 s/mm2 800 s/mm2	—	—	—	—	—	—	0 s/mm2 50 s/mm2 800 s/mm2
FoV Read	360 mm	220 mm	200 mm	180 mm	260 mm	350 mm	380 mm	380 mm	300 mm	300 mm	380 mm	240 mm
FoV Phase	100%	100%	100%	100%	88%	75%	81%	81%	100%	100%	81%	80%
Phase Encoding Dir.	R >> L	H >> F	R >> L	F >> H	A >> P	A >> P	A >> P	A >> P	A >> P	A >> P	A >> P	A >> P
Slice Oversampling	—	—	—	—	—	—	36%	27%	20%	20%	27%	—
Phase Partial Fourier	4/8	Off	Off	Off	7/8	Allowed	Off	Off	Off	Off	Off	Off
Slice Partial Fourier	—	—	—	—	—	—	7/8	6/8	6/8	6/8	6/8	—
Flow Compensation	None	None	None	None	—	None	—	—	—	—	—	—

SCANNING RANGE

Scan Description	3 PLANE HASTE LOCALIZER	SAGITTAL T2	AXIAL T2 OBLIQUE	CORONAL T2 OBLIQUE	AXIAL DWI 50 400 800	AXIAL T2 Fat Sat Large FOV	AXIAL 3D In-Out-of-Phase	AXIAL VIBE Pre Pelvis Large FOV	SAGITTAL VIBE Pre	SAGITTAL VIBE Post 30 sec 60 sec 180 sec	AXIAL VIBE Post Pelvis Large FOV	SAGITTAL Resolve DIFF b50 800
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	Off
Distortion Correction	2D	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	5.0 mm	6.0 mm	3.0 mm	3.0 mm	3.0 mm	3.0 mm	3.0 mm	5.0 mm
Distance Factor	175%	20%	0%	20%	0%	20%	20%	20%	20%	20%	20%	0%
Slices	13 Slices	40 Slices	40 Slices	40 Slices	32 Slices	40 Slices	88 Slices per Slab	88 Slices per Slab	80 Slices per Slab	80 Slices per Slab	88 Slices per Slab	32 Slices
Time of Acquisition	35 sec	3:49 min	4:03 min	5:26 min	3:09 min	1:26 min	19 sec	13 sec	17 sec	17 sec	13 sec	4:57 min

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