NW
IMAGING FORUMS, INC.

GENERIC PELVIS SCREENING 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	Patient should empty bladder before scanning
Common Indications	Metastases, pain, mass suspected
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 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	AXIAL T2 Fat Sat	CORONAL T2	AXIAL DWI	AXIAL 3D IN OUT CAIPI	AXIAL T1 VIBE Pre CAIPI	AXIAL T1 VIBE Post CAIPI 25 sec 60 sec 180 sec	CORONAL VIBE Post Fat Sat CAIPI 180 sec
Sequence Name	h	tse	tse	tse	tse	epse	fl	fl	fl	fl
Dimension	2D	2D	2D	2D	2D	—	3D	3D	3D	3D
Acceleration Mode	GRAPPA	GRAPPA	GRAPPA	GRAPPA	GRAPPA	GRAPPA	CAIPIRINHA	CAIPIRINHA	CAIPIRINHA	CAIPIRINHA
Acceleration Factor PE	2	2	2	2	2	2	2	2	2	2

SCAN PARAMETERS

Scan Description	3 PLANE HASTE SCOUT	SAGITTAL T2	AXIAL T2	AXIAL T2 Fat Sat	CORONAL T2	AXIAL DWI	AXIAL 3D IN OUT CAIPI	AXIAL T1 VIBE Pre CAIPI	AXIAL T1 VIBE Post CAIPI 25 sec 60 sec 180 sec	CORONAL VIBE Post Fat Sat CAIPI 180 sec
TR	1000.0 ms	8720.0 ms	7790.0 ms	6620.0 ms	6120.0 ms	8400.0 ms	6.8 ms	4.3 ms	4.3 ms	4.9 ms
TE	93 ms	104 ms	101 ms	101 ms	113 ms	85 ms	1: 2.39 ms 2: 4.77 ms	2.15 ms	2.15 ms	2.41 ms
Flip Angle	105 deg	160 deg	160 deg	160 deg	160 deg	—	10 deg	10 deg	10 deg	10 deg
Turbo Factor	256	23	23	23	25	—	—	—	—	—
Bandwidth	698 Hz/Px	199 Hz/Px	200 Hz/Px	200 Hz/Px	199 Hz/Px	1144 Hz/Px	510 Hz/Px	400 Hz/Px	400 Hz/Px	350 Hz/Px
Fat-Water Contrast	Standard	Standard	Standard	SPAIR	Standard	SPAIR	Dixon	Fast Fat Saturation	Fast Fat Saturation	Fast Fat Saturation
Fat Saturation	—	—	—	Strong	—	Strong	—	—	—	—
Gradient Mode	Fast	Normal	Normal	Normal	Normal	Fast	Fast	Fast	Fast	Fast
RF Pulse Type	Normal	Low SAR	Low SAR	Low SAR	Low SAR	Low SAR	Fast	Fast	Fast	Fast
Asymmetric Echo	—	—	—	—	—	—	Strong	Off	Off	Off

Disclaimer: The MR Protocols information is provided by independent physicians and technologists and is not intended to provide definitive or complete medical instructional or treatment information. Products referenced herein should be used consistently with their package inserts, and any devices referenced herein should be used consistently with the operation instructions provided by their respective manufactures. Northwest Imaging Forums, Inc. and Bracco Diagnostics Inc. do not offer medical advice and shall not be responsible for any person's reliance on this protocol.

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	AXIAL T2 Fat Sat	CORONAL T2	AXIAL DWI	AXIAL 3D IN OUT CAIPI	AXIAL T1 VIBE Pre CAIPI	AXIAL T1 VIBE Post CAIPI 25 sec 60 sec 180 sec	CORONAL VIBE Post Fat Sat CAIPI 180 sec
Base Resolution	256	256	320	320	256	112	288	288	288	320
Phase Resolution	100%	83%	80%	80%	70%	100%	60%	70%	70%	60%
Slice Resolution	—	—	—	—	—	—	61%	50%	50%	50%
Averages	1	2	1	1	1	3, 3, 4	1	1	1	1
Concatenations	1	1	2	3	3	1	1	1	1	1
b-value	—	—	—	—	—	0 s/mm2 50 s/mm2 400 s/mm2 800 s/mm2	—	—	—	—
FoV Read	380 mm	200 mm	350 mm	350 mm	300 mm	380 mm	380 mm	380 mm	380 mm	380 mm
FoV Phase	100%	100%	100%	100%	116%	100%	92%	92%	92%	100%
Phase Encoding Dir.	R >> L	A >> P	A >> P	A >> P	R >> L	A >> P	A >> P	A >> P	A >> P	R >> L
Phase Oversampling	50%	43%	100%	30%	100%	10%	0%	0%	0%	60%
Slice Oversampling	—	—	—	—	—	—	30%	49%	49%	33%
Phase Partial Fourier	5/8	Off	Off	Off	Off	6/8	6/8	Off	Off	Off
Slice Partial Fourier	—	—	—	—	—	—	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	AXIAL T2 Fat Sat	CORONAL T2	AXIAL DWI	AXIAL 3D IN OUT CAIPI	AXIAL T1 VIBE Pre CAIPI	AXIAL T1 VIBE Post CAIPI 25 sec 60 sec 180 sec	CORONAL VIBE Post Fat Sat CAIPI 180 sec
Elliptical Filter	Off	Off	Off	Off	Off	Off	Off	Off	Off	Off
Normalize	Prescan	Prescan	Prescan	Prescan	Prescan	Off	Prescan	Prescan	Prescan	Prescan
Raw Filter	Off	Off	Off	Off	Off	On	Off	Off	Off	Off
Distortion Correction	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D
Slice Thickness	6.0 mm	4.0 mm	4.0 mm	4.0 mm	4.0 mm	6.0 mm	4.0 mm	4.0 mm	4.0 mm	4.0 mm
Distance Factor	150%	20%	20%	20%	20%	10%	20%	20%	20%	20%
Slices	Slices 13	Slices 30	Slices 57	Slices 57	Slices 61	Slices 41	Slices per Slab 86	Slices per Slab 86	Slices per Slab 86	Slices per Slab 78
Time of Acquisition	34 sec	2:12 min	3:24 min	3:20 min	3:05 min	4:56 min	13 sec	14 sec	14 sec each	20 sec

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