NW
IMAGING FORUMS, INC.

MR ENTEROGRAPHY 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Neural oral contrast such as 3 bottles of VoLumen (450 cc each) or 2 bottles of Breeza (473 cc each) • Drinking oral contrast takes place over the course of one hour • Patients should be NPO at least 4 hours prior to exam • Use both Body Array coils
Common Indications	Crohn's disease, abdominal pain, evaluate small bowel, malabsorption
Position	Supine, head or feet first
Coil	Body Array (2 coils, if possible), Spine Array (posterior)
Landmark	Xyphoid

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose	Injection Rate
Gadopiclenol (VUEWAY)	0.05 mmol/kg	2 mL/sec
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	HASTE LOCALIZER Abdomen-Pelvis	CORONAL T2 HASTE	AXIAL T2 HASTE	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre	AXIAL VIBE Post 25 sec 60 sec 180 sec	CORONAL VIBE Post CAIPI 180 sec	AXIAL DWI Bipolar
Sequence Name	h	h	h	fl	fl	fl	fl	epse
Dimension	2D	2D	2D	3D	3D	3D	3D	—
Acceleration Mode	GRAPPA	GRAPPA	GRAPPA	CAIPIRINHA	CAIPIRINHA	CAIPIRINHA	CAIPIRINHA	GRAPPA
Acceleration Factor PE	2	2	2	2	2	2	2	2

SCAN PARAMETERS

Scan Description	HASTE LOCALIZER Abdomen-Pelvis	CORONAL T2 HASTE	AXIAL T2 HASTE	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre	AXIAL VIBE Post 25 sec 60 sec 180 sec	CORONAL VIBE Post CAIPI 180 sec	AXIAL DWI Bipolar
TR	348 ms	900 ms	900 ms	6.8 ms	4.3 ms	4.3 ms	4.9 ms	7000 ms
TE	85 ms	91 ms	91 ms	1: 2.39 ms 2: 4.77 ms	2.07 ms	2.07 ms	2.38 ms	86 ms
Flip Angle	150 deg	180 deg	180 deg	10 deg	10 deg	10 deg	10 deg	—
Turbo Factor	179	256	198	—	—	—	—	—
Bandwidth	698 Hz/Px	698 Hz/Px	698 Hz/Px	510 Hz/Px	410 Hz/Px	410 Hz/Px	350 Hz/Px	1370 Hz/Px
Fat-Water Contrast	Standard	Standard	Standard	Dixon	Fast Fat Saturation	Fast Fat Saturation	Fast Fat Saturation	Strong
Gradient Mode	Fast	Fast	Fast	Fast	Fast	Fast	Fast	Fast
RF Pulse Type	Normal	Fast	Fast	Fast	Fast	Fast	Fast	Normal
Asymmetric Echo	—	—	—	Strong	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	HASTE LOCALIZER Abdomen-Pelvis	CORONAL T2 HASTE	AXIAL T2 HASTE	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre	AXIAL VIBE Post 25 sec 60 sec 180 sec	CORONAL VIBE Post CAIPI 180 sec	AXIAL DWI Bipolar
Base Resolution	256	256	256	288	256	256	320	192
Phase Resolution	70%	100%	95%	80%	70%	70%	75%	80%
Slice Resolution	—	—	—	60%	50%	50%	50%	—
Averages	1	1	1	1	1	1	1	1, 2
Concatenations	1	2	2	1	1	1	1	1
b-value	—	—	—	—	—	—	—	0 s/mm2 50 s/mm2 800 s/mm2
FoV Read	400 mm	380 mm	380 mm	380 mm	380 mm	380 mm	400 mm	380 mm
FoV Phase	100%	100%	81%	83%	91%	91%	81%	78%
Phase Encoding Dir.	A >> P	R >> L	A >> P	A >> P	A >> P	A >> P	R >> L	A >> P
Phase Oversampling	30%	50%	0%	25%	30%	30%	50%	0%
Slice Oversampling	—	—	—	33%	27%	27%	57%	—
Phase Partial Fourier	5/8	5/8	5/8	6/8	Off	Off	Off	7/8
Slice Partial Fourier	—	—	—	6/8	6/8	6/8	6/8	—
Flow Compensation	None	None	None	—	—	—	—	—

SCANNING RANGE

Scan Description	HASTE LOCALIZER Abdomen-Pelvis	CORONAL T2 HASTE	AXIAL T2 HASTE	AXIAL 3D IN OUT CAIPI	AXIAL VIBE Pre	AXIAL VIBE Post 25 sec 60 sec 180 sec	CORONAL VIBE Post CAIPI 180 sec	AXIAL DWI Bipolar
Elliptical Filter	On	Off	Off	Off	Off	Off	Off	Off
Normalize	Prescan	Prescan	Prescan	Prescan	Prescan	Prescan	Prescan	Off
Raw Filter	Off	Off	Off	Off	Off	Off	Off	Off
Distortion Correction	2D	2D	2D	2D	2D	2D	2D	2D
Slice Thickness	6.0 mm	6.0 mm	6.0 mm	3.0 mm	3.0 mm	3.0 mm	3.0 mm	6.0 mm
Distance Factor	150%	20%	20%	20%	20%	20%	20%	20%
Slices	Slices 9	Slices 30	Slices 38	Slices per Slab 72	Slices per Slab 88	Slices per Slab 88	Slices per Slab 56	Slices 30
Time of Acquisition	7 sec	37 sec	43 sec	16 sec	14 sec	14 sec	17 sec	1:26 min

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