MR ENTEROGRAPHY 3.0T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• OK to miss dome of liver. Coverage mid liver to perineum. Bind SSFSE series together • Glucagon optional but encouraged • NP0 6 hours • Patient to arrive 60 min ahead to drink oral contrast (oral contrast OK to omit if patient cannot or won't drink) • VoLumen/Breeza • <130 lbs - 2 bottles = drink evenly 45-60 min prior to exam • One cup of water when patient is on the table • IV contrast: 0.1 mmol/kg, 2 mL/sec • Glucagon: 0.6-1 mg glucagon given IV (can be given all at once before T2 SSFSE or split to half amount before T2 SSFSE and half amount before T1s) • Push slowly over 1 min to avoid emesis
Common Indications	Small bowel pathology
Position	Consider prone position if patient is able
Coil	8 or 12 channel Body coil, GEMS array, or Air coil
Landmark	Iliac Crest

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose	Injection Rate	Dose Timing Method and Scan Delay					
Gadopiclenol (VUEWAY)	0.05 mmol/kg up to a calculated volume of 10 mL	2 mL/sec	Pre - 40 sec post - 2-5 min post					
Saline Flush	50 mL	2 mL/sec	Immediately following gadolinium					
Comments	Expiration	Quiet breathing	Glucagon 0.4-0.5 mg IV Expiration	Expiration Abdomen	Expiration Pelvis	Glucagon 0.4-0.5 mg IV pre 40 sec post 2-3 min post	Abdomen & Pelvis	Optional: Resp Trig Abdomen & Pelvis
Comments	Expiration	Quiet breathing	Glucagon 0.4-0.5 mg IV Expiration	Expiration Abdomen	Expiration Pelvis	Glucagon 0.4-0.5 mg IV pre 40 sec post 2-3 min post	Abdomen & Pelvis	Optional: Resp Trig Abdomen & Pelvis

IMAGING PARAMETERS

Scan Description	3PL LOCALIZER	CORONAL 2D FIESTA Real-time	CORONAL SSFSE	AXIAL SSFSE Special Fat	AXIAL SSFSE Special Fat	CORONAL 3D LAVA	AXIAL T1	AXIAL DWI ASSET
Mode	2D	2D	2D	2D	2D	3D	3D	2D
Pulse Sequence	SSFSE	FIESTA	SSFSE	SSFSE	SSFSE	LAVA	LAVA	DWI EPI
Imaging Options	SEQ, EDR, FAST, SS, ARC	SEQ, MPh, FAST	EDR, FAST, SS, ARC	EDR, FAST, SS, ARC	EDR, FAST, SS, ARC	FAST, EDR, ZIP512, ZIP2, ARC	EDR, FAST, ZIP512, ZIP2, ARC, FLEX	Resp Trig, EPI, DIFF, ASSET

SCAN PARAMETERS

Scan Description	3PL LOCALIZER	CORONAL 2D FIESTA Real-time	CORONAL SSFSE	AXIAL SSFSE Special Fat	AXIAL SSFSE Special Fat	CORONAL 3D LAVA	AXIAL T1	AXIAL DWI ASSET
TE	90	Min	90	90	90	Def	Min Full	Min
TR	Min	Def	Min	Min	Min	Def	Def	Def
Flip Angle	—	50	—	—	—	15	15	—
Bandwidth	83	125	83	83	83	111	142	—
SAT	—	—	—	Sat Scr Special Fat	Sat Scr Special Fat	Sat Scr Special Fat	—	—

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.

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MR Gadopiclenol (VUEWAY®) Protocol for GE HealthCare Systems
Body MR Imaging

IMAGING FORUMS, INC.

ACQUISITION PARAMETERS

Scan Description	3PL LOCALIZER	CORONAL 2D FIESTA Real-time	CORONAL SSFSE	AXIAL SSFSE Special Fat	AXIAL SSFSE Special Fat	CORONAL 3D LAVA	AXIAL T1	AXIAL DWI ASSET
MATRIX freq	288	256	384	384	320	288	288	128
MATRIX phase	192	192	224	224	224	192	220	128
NEX	1	1	1	1	1	1	1	—
Phase FOV	1	1	0.9	0.8	0.8	0.8	0.9	1
Freq Direction	—	S/I	S/I	R/L	R/L	S/I	R/L	R/L
Accel	Ph 2	—	Ph 2 Sl 1	Ph 2 Sl 1	Ph 2 Sl 1	Ph 2 Sl 2	Ph 2, Sl 1.5 (can increase for poor breath holder)	ASSET
User CV	1, 240, 1	None	Fr nex 0 Max echos 240 BTK 0	Fr nex 0 Max echos 240 BTK 0	Fr nex 0 Max echos 240 BTK 0	—	CV6 1	—
Other	—	Multi-Phase Tab: 20 slices per Loc	—	—	—	—	—	Real-time Field Adj On. Enh Prep 1 DWI b val 0-50 4 nex b val 400-800 4 nex Diff dr 3 in 1 OptTE On Dual SE Off Resp: 2 RR Tr Pt 30% Tr Wd 30%

SCANNING RANGE

Scan Description	3PL LOCALIZER	CORONAL 2D FIESTA Real-time	CORONAL SSFSE	AXIAL SSFSE Special Fat	AXIAL SSFSE Special Fat	CORONAL 3D LAVA	AXIAL T1	AXIAL DWI ASSET
FOV	48	40	46	35	35	44	36	40
Slice Thickness	7	7	5	5	5	2.2	5	5
Spacing	0	1	0	0	0	0	1	1
Number of Slices	51 Slices	Slices PRN	Slices PRN	Slices PRN	Slices PRN	100 Slices (PRN)	40 Slices	32 Slices
Approx. Scan Time	0:23	4:15	0:18/acq	0:20/acq	0:20/acq	0:18	1:30	@ 2:29

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