NW
IMAGING FORUMS, INC.

PERIANAL FISTULA MRI 1.5T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Center at pubic symphysis/greater trochanters to include the entire anus • Oblique axis refers to the sphincter
Common Indications	Perianal fistula, abscess, rectovaginal/rectovesical fistula
Position	Supine
Coil	32 channel Torso, GEMS Body 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 - 1 min
Saline Flush	50 mL	2 mL/sec	Immediately following gadolinium

Comments	—	Rectum and perineum	Rectum to perineum	Rectum to perineum	Rectum to perineum	Pre, 1 min, No breath hold	Post	Optional: For surg. material

IMAGING PARAMETERS

Scan Description	3PL LOCALIZER SSFSE	SAGITTAL T2	AXIAL OBLIQUE w/wo Fat Sat T2 FSE	CORONAL OBLIQUE w/wo Fat Sat T2 FSE	AXIAL T2 CUBE Fat Sat	Post OBLIQUE AXIAL T1 3D	Post OBLIQUE CORONAL T1 3D	AXIAL In/Out Phase
Mode	—	2D	2D	2D	3D	3D	3D	3D
Pulse Sequence	SSFSE	FRFSE-XL	FRFSE-XL	FRFSE-XL	CUBE T2	LAVA-Flex	LAVA-Flex	FAST SPGR
Imaging Options	EC, SEQ, SS, FAST, ARC	FC, TRf, FAST, FR	FC, TRf, FAST, FR	NPW, FC, TRf, FAST, FR	EDR, FAST, FR, ZIP512, ZIP2, ARC	EDR, ZIP512, ZIP2, FAST	EDR, ZIP512, ZIP2, FAST, NPW	EDR, FAST

SCAN PARAMETERS

Scan Description	3PL LOCALIZER SSFSE	SAGITTAL T2	AXIAL OBLIQUE w/wo Fat Sat T2 FSE	CORONAL OBLIQUE w/wo Fat Sat T2 FSE	AXIAL T2 CUBE Fat Sat	Post OBLIQUE AXIAL T1 3D	Post OBLIQUE CORONAL T1 3D	AXIAL In/Out Phase
TE	90	90	90	90	Def	Min Full	Min Full	#TEs 2 TE 1 Min (2.2) TE 2 4.4
TR	Min	Min	3500	3500	2500	Def	Def	Def (4)
Flip Angle	—	—	—	—	—	15	15	—
ETL	—	—	21	21	120	—	—	70
Bandwidth	62	—	31	31	62	62	62	—
SAT	—	62	Chem Sat Fat	Chem Sat Fat	Chem Sat Fat	—	—	31

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 GE HealthCare Systems
Body MR Imaging

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ACQUISITION PARAMETERS

Scan Description	3PL LOCALIZER SSFSE	SAGITTAL T2	AXIAL OBLIQUE w/wo Fat Sat T2 FSE	CORONAL OBLIQUE w/wo Fat Sat T2 FSE	AXIAL T2 CUBE Fat Sat	Post OBLIQUE AXIAL T1 3D	Post OBLIQUE CORONAL T1 3D	AXIAL In/Out Phase
MATRIX freq	320	256	320	320	256	280	280	256
MATRIX phase	224	224	224	224	256	224	224	192
NEX	1	1	2	2	1	1	1	1
Phase FOV	1	1	1	NPW	1	1	1	0.75
Freq Direction	—	S/I	R/L	S/I	R/L	R/L	S/I	R/L
Accel	Ph 2	—	—	—	Ph 2, Sl 2	—	—	Ph 2, Sl 2
Adv CV	1, 240, 1	—	Fat Sat Eff 1 Cl annefact 1	Fat Sat Eff 1 Cl annefact 1	—	User CV Turbo 2 Centric 1	User CV Turbo 2 Centric 1	—

SCANNING RANGE

Scan Description	3PL LOCALIZER SSFSE	SAGITTAL T2	AXIAL OBLIQUE w/wo Fat Sat T2 FSE	CORONAL OBLIQUE w/wo Fat Sat T2 FSE	AXIAL T2 CUBE Fat Sat	Post OBLIQUE AXIAL T1 3D	Post OBLIQUE CORONAL T1 3D	AXIAL In/Out Phase
FOV	48	36	26	26	26	28	28	36
Slice Thickness	8	2.4	2.4	2.4	1.8	2.6	2.6	5
Spacing	0	.2	.2	.2	0	0	0	1
Number of Slices	21 Slices	Slices PRN	14 Slices/acq	13 Slices/acq	—	80 Slices	80 Slices	70 Locs PRN
Approx. Scan Time	0:30	5:00 ±	5:00 ±	5:00 ±	5:00 ±	1:30	1:30	0:23 per HB

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