ARDL (AIR Recon Deep Learning™) Body 3.0T Optional Sequences

INSTRUCTIONS

ARDL	ARDL is available on recent upgrades to GE scanners. ARDL is a denoising technique.
Notes	Like any protocol update, each radiology department must test any change to protocol and get chief radiologist approval prior to implementing. Recent upgrades to GE scanners removed the imaging option "No Phase Wrap (NPW)" and now has a "NPW Factor" that can be reduced or increased to prevent wrap.

IMAGING PARAMETERS

Scan Description	High Res T2 w/o Fat Sat	AXIAL 2D MRCP SSFSE	CORONAL 2D MRCP SSFSE
Mode	2D	2D	2D
Pulse Sequence	FRFSE-XL	SSFSE	SSFSE
Imaging Options	FC, TRf, EDR, ARC, FAST, FR	EDR, FAST, ASSET, Resp Trig, SS	EDR, FAST, ARC, Resp Trig, SS

SCAN PARAMETERS

Scan Description	High Res T2 w/o Fat Sat	AXIAL 2D MRCP SSFSE	CORONAL 2D MRCP SSFSE
TE	103	240	240
TR	3400	1 RR	1 RR
TI	—	—	—
Flip Angle	—	—	—
ETL	23	—	—
Bandwidth	62	100	100
SAT	—	—	—

ACQUISITION PARAMETERS

Scan Description	High Res T2 w/o Fat Sat	AXIAL 2D MRCP SSFSE	CORONAL 2D MRCP SSFSE
MATRIX freq	320	384	384
MATRIX phase	256	256	256
NPW Factor	1.5	1	1
NEX	1	1	1
Phase FOV	1	1	1
Freq Direction	S/I or A/P depending on imaging plane	R/L	S/I
Accel	Ph 1.5	PH 2	Ph 3
User CV	—	Max echos 24	Max echos 240
Other	—	Resp. 1 RR Tr Pt 30% Tr Wd 30% Del Min	Resp. 1 RR Tr Pt 30% Tr Wd 30% Del Min

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.

SCANNING RANGE

Scan Description	High Res T2 w/o Fat Sat	AXIAL 2D MRCP SSFSE	CORONAL 2D MRCP SSFSE
FOV	26	30	30
Slice Thickness	2.4	3	3
Spacing	0.2	0.3	0.3
Number of Slices	PRN	PRN	PRN
Approx. Scan Time	2:00 ±	1:30 ±	1:00 ±

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