NW
IMAGING FORUMS, INC.

PERIPHERAL RUNOFF NONCONTRAST 3.0T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Peripheral gating • GRx slices INFERIOR to SUPERIOR
Common Indication	Peripheral arterial disease (PAD) if contraindications for contrast
Position	Supine
Coil	GEMS Peripheral Vascular (PV) Array with Body Array or Air Coil
Landmark	Center of AA Coil

IMAGING PARAMETERS

Scan Description	3PL LOCALIZER x3 Abdomen, Pelvis, Thighs, Lower Legs	SAGITTAL LOCALIZER SSFP Symphysis to above Kidney, Pelvis, Abdomen	AXIAL Arterial Inhance-2DIF Calf - LOW Thigh	AXIAL Arterial Inhance-2DIF Thigh	AXIAL Arterial Inhance-2DIF Pelvis
Mode	2D	2D	2D	2D	2D
Pulse Sequence	SSFSE	FIESTA	AX e2DTOF FAST TOF SPGR	AX e2DTOF FAST TOF SPGR	AX e2DTOF FAST TOF SPGR
Imaging Options	SEQ, EDR, FAST, SS, ARC	SEQ, EDR, FAST, ASSET	FC, GAT, SEQ, EDR, FAST, ZIP512	FC, GAT, SEQ, EDR, FAST, ZIP512	FC, GAT, SEQ, EDR, FAST, ZIP512

SCAN PARAMETERS

Scan Description	3PL LOCALIZER x3 Abdomen, Pelvis, Thighs, Lower Legs	SAGITTAL LOCALIZER SSFP Symphysis to above Kidney, Pelvis, Abdomen	AXIAL Arterial Inhance-2DIF Calf - LOW Thigh	AXIAL Arterial Inhance-2DIF Thigh	AXIAL Arterial Inhance-2DIF Pelvis
TE	80	Min	Min Full	Min Full	Min Full
TR	Min	Def	Min	Min	Min
Flip Angle	—	—	70	70	70
Bandwidth	83	125	31	31	31
SAT	—	—	S	S	S

ACQUISITION PARAMETERS

Scan Description	3PL LOCALIZER x3 Abdomen, Pelvis, Thighs, Lower Legs	SAGITTAL LOCALIZER SSFP Symphysis to above Kidney, Pelvis, Abdomen	AXIAL Arterial Inhance-2DIF Calf - LOW Thigh	AXIAL Arterial Inhance-2DIF Thigh	AXIAL Arterial Inhance-2DIF Pelvis
MATRIX freq	384	256	256	256	256
MATRIX phase	160	192	224	224	224
NEX	Def	1	1	1	1
Phase FOV	1	1	0.5	0.5	0.6
Freq Direction	Unswapped	S/I	R/L	R/L	R/L
Accel	Ph 2	Ph 2	—	—	—
Adv CV	1, 240, 1	—	Opt Sat 1	Opt Sat 1	Opt Sat 1
Other	—	—	Gating Scr - TR Win 10 Trig Del Min VPS 32	Gating Scr - TR Win 10 Trig Del Min VPS 32	Gating Scr - TR Win 10 Trig Del Min VPS 32

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.

Protocol for GE HealthCare Systems
MR Angiography

IMAGING FORUMS, INC.

SCANNING RANGE

Scan Description	3PL LOCALIZER x3 Abdomen, Pelvis, Thighs, Lower Legs	SAGITTAL LOCALIZER SSFP Symphysis to above Kidney, Pelvis, Abdomen	AXIAL Arterial Inhance-2DIF Calf - LOW Thigh	AXIAL Arterial Inhance-2DIF Thigh	AXIAL Arterial Inhance-2DIF Pelvis
FOV	48	40	34	36	36
Slice Thickness	8	10	3	3	3
Spacing	0	0	.5 mm Overlap	.5 mm Overlap	.5 mm Overlap
Number of Slices	21 Slices	—	@173 Slices	@153 Slices	@100 Slices
Approx Scan Time	0:33	20 sec per BH	± 7:00-8:00	± 7:00-8:00	± 7:00-8:00

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