ABBREVIATED BREAST 3.0T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	• Ensure to increase the FOV as needed to include all breast tissue and axillae; use same FOV for all sequences • Be careful about reducing FOV; sequences may be signal starved • Ensure to pull abdominal tissue down to prevent a fold into the coil and FOV • Ensure to pull medial breast tissue into coil, and if there is a side panel, to push that in so it is gently touching the breast to prevent motion • Ensure axilla tissue is in the coil and not above the side panel
Common Indications	Screening
Position	Prone
Coil	Bilateral Breast Coil
Landmark	Mid-breast, Nipples

CONTRAST AGENT PARAMETERS

Contrast Agent	Dose
Gadopiclenol (VUEWAY)	0.05 mmol/kg up to a calculated volume of 10 mL
Saline Flush	20 mL
Comments	—

IMAGING PARAMETERS

Scan Description	3 PLANE LOCALIZER	AXIAL T2 Fat	AXIAL Flex DYNAMIC VIBRANT
Imaging Mode	2D	2D	3D
Pulse Sequence	Spin Echo	FSE-XL	VIBRANT
Imaging Options	SEQ, EDR, TRF, FAST, SS, ARC	EDR, TRF, FAST, ZIP512, ARC	EDR, FAST, MPh, ARC, Flex
Phase Acceleration	2	2	3
Slice Acceleration	—	—	1
Intensity Correction	None	PURE	PURE

SATURATION

Scan Description	3 PLANE LOCALIZER	AXIAL T2 Fat	AXIAL Flex DYNAMIC VIBRANT
Fat/Water Saturation	—	Fat Use Fat Special if available	—
Multi-Phase	—	—	#Phases 1 Mask Phases 1 Mask Pause ON Series per Phase ON
User CVS	User CV1: 1 User CV16: None	User CV6: None User CV7: None User CV15: None User CV16: None User CV18: None User CV19: 1 User CV21: 1 User CV30: 1	User CV6: 1 User CV13: None User CV16: 1 User CV30: 1 User CV40: None

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
Breast MR Imaging

IMAGING FORUMS, INC.

SCAN TIMING

Scan Description	3 PLANE LOCALIZER	AXIAL T2 Fat	AXIAL Flex DYNAMIC VIBRANT
Flip Angle	—	111	10
TE	80	85	Minimum
Number of Echoes	1	1	2
TR	Minimum	6248	—
TI	—	43	—
Echo Train Length	—	16	—
Receiver Bandwidth	83.33	62.5	166.67

SCAN RANGE

Scan Description	3 PLANE LOCALIZER	AXIAL T2 Fat	AXIAL Flex DYNAMIC VIBRANT
FOV	44	32	32
Slice Thickness	7	2.2	0.8
Slice Spacing	10	Intleave	—
Number of Slices	—	72	—
Location per Slab	—	—	248
Slice Resolution (%)	—	—	50

ACQUISITION TIMING

Scan Description	3 PLANE LOCALIZER	AXIAL T2 Fat	AXIAL Flex DYNAMIC VIBRANT
Freq	256	252	384
Phase	160	252	384
Freq DIR	Unswap	A/P	A/P
NEX	—	1	—
Phase FOV	1	1	1
Approx. Scan Time	0:30	4:30	2:41

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