MRA HEAD WITHOUT CONTRAST 3T

INSTRUCTIONS AND PATIENT PREPARATION

Instructions	This sequence is in addition to the Routine Adult Brain protocol
Position	Supine, head first
Coil	20 channel Head/Neck coil or better
Landmark	Glabella

IMAGING PARAMETERS

Scan Description	AXIAL 3D TOF
Sequence Name	fl_r
Sequence Type	Gre
Dimension	3D
Acceleration Mode	CS
AutoAlign	Head > Brain

SCAN PARAMETERS

Scan Description	AXIAL 3D TOF
TR	21.0 ms
TE	3.69 ms
Flip Angle	20 deg
Bandwidth	187 Hz/Px
Fat-Water Contrast	Standard
Gradient Mode	Fast
RF Pulse Type	Normal
Asymmetric Echo	Weak

ACQUISITION PARAMETERS

Scan Description	AXIAL 3D TOF
Base Resolution	352
Phase Resolution	95%
Slice Resolution	67%
Averages	1
Concatenations	6
FoV Read	220 mm
FoV Phase	91%
Phase Encoding Dir.	R >> L
Phase Oversampling	0%
Slice Oversampling	25%
Slice Partial Fourier	Off
Phase Partial Fourier	Off
Flow compensation	Slice/Read

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 Siemens MRI Scanners
Central Nervous System

IMAGING FORUMS, INC.

SCANNING RANGE

Scan Description	AXIAL 3D TOF
Elliptical Filter	Off
Filter	Distortion Corr.(2D), Prescan Normalize
Prescan Normalize	On
Distance Factor	-21%
Slice Thickness	0.4 mm
Slabs	6
Slices per Slab	48
Acquisition Time	4:31 min

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