MRA HEAD WITHOUT CONTRAST 1.5T

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	3D TOF MRA
Sequence Name	fl_r
Dimension	3D
Acceleration Mode	GRAPPA
Acceleration Factor PE	2
Acceleration Factor 3D	1
AutoAlign	Head > Brain

ACQUISITION PARAMETERS

Scan Description	3D TOF MRA
TR	23.4 ms
TE	7.15 ms
Flip Angle	23 deg
Bandwidth	120 Hz/Px
Fat-Water Contrast	Standard
Gradient Mode	Fast
RF Pulse Type	Normal
Asymmetric Echo	Weak

SCAN PARAMETERS

Scan Description	3D TOF MRA
Base Resolution	320
Phase Resolution	80%
Slice Resolution	50%
Averages	1
Concatenations	6
FoV Read	200 mm
FoV Phase	100%
Phase Encoding Dir.	R >> L
Slice Oversampling	33%
Phase Oversampling	20%
Slice Partial Fourier	Off
Phase Partial Fourier	Off
Flow Compensation	Slice/Read

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MR Gadopiclenol (VUEWAY®) Protocol for Siemens MRI Scanners
Central Nervous System

IMAGING FORUMS, INC.

SCANNING RANGE

Scan Description	3D TOF MRA
Raw Filter	Off
Elliptical Filter	Off
Distortion Correction	2D
Normalize	B1 Filter
Image Filter	Off
Distance Factor	-31%
Slice Thickness	0.6 mm
Slabs	6
Slices per Slab	36
Acquisition Time	4:34 min

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