

Protocol Name: **TIA BRAIN WITH CONTRAST** Body Part: **HEAD AND NECK** Coil: **HEAD & NECK ARRAY**

Sequences		Seq Name	Image Plane	# Slices	TR	TE	Slice Thick	FOV	NSA	Matrix	Phase Dir
	<u>Brain</u>										
3 Plane Loc		gre	3 Plane	5	8.6	4	7	250	2	256	A>P
Sag T1		gre	Sagittal	37	250	3.11	3	220	1	320	A>P
Axial T2		tse	Axial	30	6000	96	4	220	1	448	R>L
Axial T1		gre	Axial	30	250	3.11	4	220	1	320	R>L
Axial Flair		tse	Axial	30	9000	94	4	220	1	256	R>L
Axial Diff		ep2d_diff	Axial	30	7400	100	4	220	4	192	A>P
Axial MPGR		gre	Axial	30	693	19.9	4	220	1	256	R>L
Axial SWI		gre	Axial	56	27	20	1.5	230	1	256	R>L
	<u>MRA Brain</u>										
PC Vessels Loc		fl3d_rd	Sagittal	26	23	8	5	300	1	256	A>P
3d TOF MRA		fl_tof	Axial	160 (40/4)	22	3.6	0.5	200	1	384	R>L
MRV		fl_tof	Axial	70	20	5	2.5	250	1	256	A>P
	<u>CE Carotids</u>										
3 Plane Loc		gre	3 Plane Loc	8	15	5.25	10	300	1	256	A>P
2D PC Locs		fl3d_rd	Sagittal	26	21	7.3	5	300	1	256	A>P
2D TOF Carotids		fl_tof	Axial	52*3 slabs	21	3.6	1	200	1	384	A>P
3D Mask		fl3d_ce	Coronal	88	3.19	1.19	1.2	340	1	384	R>L
CARE Bolus		fl3d_ce	Coronal	90	61.82	1.59	18	400	1	256	R>L
3D Post Contrast		fl3d_ce	Coronal	88	3.19	1.19	1.2	340	1	384	R>L
	<u>Axial Whole Brain Post</u>										
Axial T1 Post		gre	30	Axial	250	3.11	4	220	1	320	R>L

Reconstructions: 1. Whole Data set 2D TOF Rotate 2. Whole Data set 3D TOF Rotate 3. Right Anterior Circulation Rotate

4. Left Anterior Circulation Rotate 5. Bilat Vertebral Circulation Rotate