

**PROTOCOL: MRI BRAIN WO-ROUTINE**

REVISION DATE: 12/2020

SLOT TIME: 30

CLINICAL INDICATIONS/ HISTORY HEADACHE, DIZZINESS (NOT VERTIGO), TIA, CVA, SINGLE SIMPLE SEIZURE, AMS, SYNCOPE

SCAN ORDER	PLANE	IMAGE CONTRAST/ WEIGHTING	MODE	PULSE SEQ	COVERAGE	TR RANGE	TE RANGE	TI	FLIP ANGLE	THICKNESS/G AP (mm)	Max Pixel (mm) Fr FOV (cm) x Ph	PHASE AXIS	SEND TO PACS	Max scan time (target)	
1	AX	DWI (b1200) w calculated b2000 if avail	2D	EPI/ RESOLVE	FORAMEN MAGNUM VERTEX	>4000	MIN	-	90	5/.5	24	2.5X2.5	AP	FULL SERIES + ADC MAP	3:00
2	AX	T2FLAIR	2D	FSE	FORAMEN MAGNUM VERTEX	6000- 15000	140-160	VARIES	>130	5/.5	24	1.0X1.0	RL	FULL SERIES	4:00
3	AX	SWI/GRE	3D/2D	GRE/EPI	FORAMEN MAGNUM VERTEX	-	-	-	10-15	2/OVLP or 5/.5	24	1.0X1.0	RL	FULL SERIES	3:50
4	AX	T2	2D	FSE	FORAMEN MAGNUM VERTEX	4000- 7000	85-125	-	>130	5/.5	24	.75X.75	RL	FULL SERIES	3:00
5	SAG	T1	2D	FSE	COVER ENTIRE BRAIN	<790	MIN	-	>130	5/.5	24-25	.9X.9	PA	FULL SERIES	2:30
5A (alternate)	SAG	T1	3D	MPRAGE/ BRAVO	COVER ENTIRE HEAD INCLUDING EARS	VARIES BY SCANNER				1-1.2/0	24-25	1.0X1.0	PA	FULL SERIES+ AX/COR 1X1 MPR	4:55
6	COR	T2FLAIR FS	2D	FSE	FORAMEN MAGNUM VERTEX	6000- 15000	140-160	VARIES	>130	5/.5	18	1.0X1.25	RL	FULL SERIES	3:00
7 (IF AVAILABLE)	AX	ASL PERF	3D	3DASL/ 2DPCASL	FORAMEN MAGNUM VERTEX	OPTIMIZED TO SCANNER				PER SCANNER	23-25	3.0X3.0	RL	FULL SERIES	5:00