

PROTOCOL: MRI BRAIN WWO-MS

REVISION DATE: 12/2020

SLOT TIME: 45

CLINICAL INDICATIONS/ HISTORY SUSPECTED DEMYELINATING DISEASE OR MS OR IF REQUESTED AS WWO FOR FOLLOW UP

SCAN ORDER	PLANE	IMAGE CONTRAST/ WEIGHTING	MODE	PULSE SEQ	COVERAGE		TR RANGE	TE RANGE	TI	FLIP ANGLE	THICKNESS/ GAP (mm)	FOV (cm)	Max Pixel (mm) x Ph	Fr 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	3/0	24	1.0X1.0	RL	FULL SERIES	5:30
3	AX	SWI/GRE	3D/2D	GRE/EPI	FORAMEN MAGNUM	VERTEX	-	-	-	10-15	1-2/OVLP or 5/.5	24	1.0X1.0	RL	FULL SERIES	3:50
CONTRAST																
4+C	SAG	T2FLAIR	3D	CUBE/ SPACE/ VISTA	COVER ENTIRE HEAD INCLUDING EARS		>5000	~140	VARIES	>130	1/OVLP	24-25	1.0X1.0	PA	FULL SERIES+ AX/COR 1X1 MPR	6:30
4+C	SAG	T1	3D	MPRAGE/ BRAVO	COVER ENTIRE HEAD INCLUDING EARS		VARIES BY SCANNER				1/OVLP	24-25	1.0X1.0	PA	FULL SERIES+ AX/COR 1X1 MPR	4:55
6+C	AX	T1	2D	SE w/ Flow Comp	FORAMEN MAGNUM	VERTEX	<790	MIN FULL	-	90	3/0	24-25	.9X.9	RL	FULL SERIES	5:30
7+C	AX	T2	2D	FSE	FORAMEN MAGNUM	VERTEX	4000- 7000	85-125	-	>130	5/1	24	.75X.75	RL	FULL SERIES	3:00
8+C (optional)	AX	T2	2D	FSE	FORAMEN MAGNUM	THRU CEREBELLUM	4000- 7000	85-125	-	>130	2/0	24	.75X.75	RL	FULL SERIES	4:30