

PROTOCOL: MRI BRAIN WWO-EPILEPSY *ONLY IF SPECIFICALLY ORDERED BY A NEUROLOGIST FOR EPILEPSY*****

REVISION DATE: 12/2020

SLOT TIME: 60

CLINICAL INDICATIONS/ HISTORY: EPILEPSY, FOCAL SEIZURES, PARTIAL COMPLEX SEIZURES. *****NOT TO BE USED FOR SINGLE ISOLATED OR UNCOMPLICATED SEIZURE*****

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	SAG	T1	2D	FSE	COVER ENTIRE BRAIN		<790	MIN	-	>130	5/.5	24-25	.9X.9	PA	FULL SERIES	2:30
2	SAG	T2FLAIR	3D	CUBE/ SPACE/ VISTA	COVER ENTIRE HEAD		>5000	~140	VARIES	>130	1-1.2/OVLP	25	1.0X1.0	AP	FULL SERIES+ AX/COR 1X1 MPR	6:30
3	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
4	COR	STIR	2D	FSE	TEMPORAL LOBES		>3500	28-45	150-160	>130	5/0	18-20	1.0X1.0	RL	FULL SERIES	4:00
5	AX	T2	2D	FSE	COVER ENTIRE HEAD		>4000	85-125	-	>130	5/.5	24	1.0X1.0	RL	FULL SERIES	3:00
6	AX	DWI (b1200)	2D	EPI/ RESOLVE	FORAMEN MAGNUM	VERTEX	>4000	MIN	-	90	5/.5	24	2.5X2.5	AP	FULL SERIES + ADC MAP	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
IF CONTRAST ORDERED																
8+C	AX	SWI/GRE	3D/2D	GRE/EPI	FORAMEN MAGNUM	VERTEX	VARIES	VARIES	-	10-15	2/OVLP or 5/.5	24	1.0X1.0	RL	FULL SERIES	3:50
9+C	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
10+C	AX	T1	2D	SE w/ Flow Comp	FORAMEN MAGNUM	VERTEX	<790	MIN FULL	-	90	5/.5	24-25	.9X.9	RL	FULL SERIES	4:00