

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

REVISION DATE: 6/2022

SLOT TIME: 60

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

CPT CODE

SCAN ORDER	PLANE	IMAGE CONTRAST/WEIGHTING	MODE	PULSE SEQ	COVERAGE	TR RANGE	TE RANGE	TI	FLIP ANGLE	THICKNESS/G AP (mm)	FOV (cm)	Max Pixel (mm) x Ph	Fr PHASE AXIS	SEND TO PACS	Max scan time (target)	
1	SAG	T1	3D	MPRAGE/ BRAVO	COVER ENTIRE HEAD	OPTIMIZED TO SCANNER			>130	1-1.2/OVLP	18-21	1.0X1.1	RL	FULL SERIES+ AX / COR 1X1	3:30	
1 (ALTERNATE FOR HOSPITALS)	COR	T1 PSIR OR T1 IRPS	3D	PSIR/IRPS	COVER ENTIRE HEAD	OPTIMIZED TO SCANNER			>130	1-1.2/OVLP	18-20	1.0X1.0	RL	FULL SERIES+ SAG 1X1 MPS	6:30	
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	