

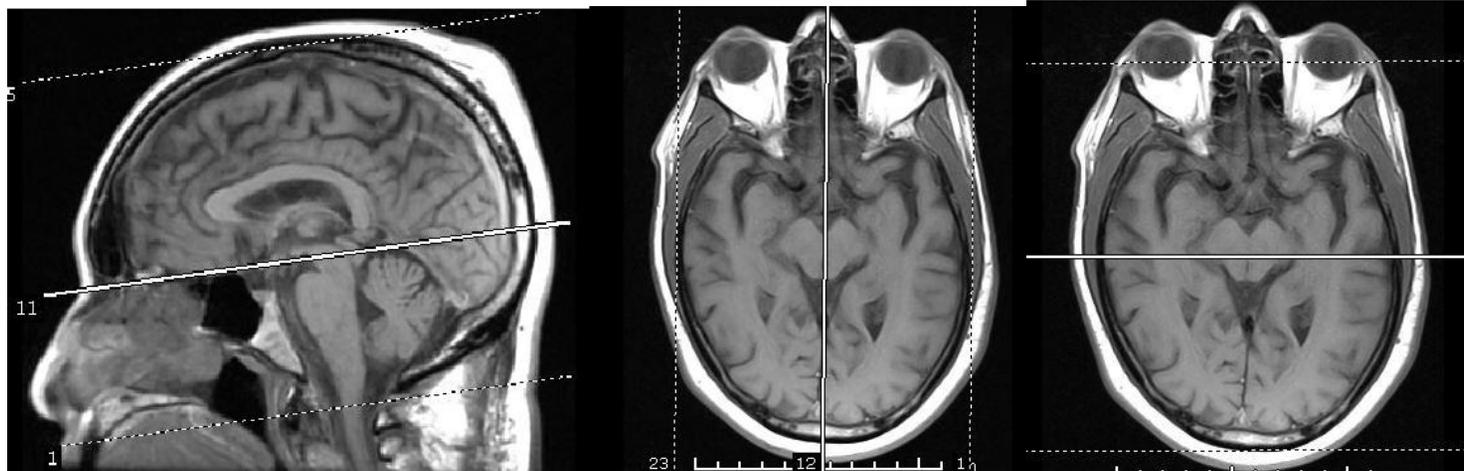
# MRI BRAIN ROUTINE



Approval: E. Alvarez, MD

rev:1

1/2026



Sequence	TR	TE	FOV	Slice Thickness (mm)	Gap (mm)	Matrix		Freq Direction	NEX	Scan Direction	Notes
						Phase	Frequency				
<b>3 PLANE LOC</b>											
SAG T1 GRE	440	2.46	23	4	1.2	256	256	S-I	1	R-L	NO FS
AX FLAIR	8000	94	23	4	1.2	256	256	A-P	1	I-S	FS WEAK
AX DWI	6510	MIN	23	4	1.2	128	128	R-L	1	I-S	B-0 / B-1000 FS STRONG
ADC MAP											Send ADC MAP to PACS
AX T2	4400	102	23	4	1.2	384	384	A-P	2	I-S	
AX GRE	435	15	23	4	1.2	256	320	A-P	2	I-S	
(opt) AX SWI	27	20	23	1.5	0	256	223	A-P	1	I-S	***USE IN PLACE OF GRE IF



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											<i>AVAILABLE</i>
<b>AX T1</b>	500	2.46	23	4	1.2	195	320	A-P	1	I-S	<i>NO FS</i>
<b>CONTRAST</b>											
<b>AX T1 +C</b>	500	2.46	23	4	1.2	195	320	A-P	1	I-S	<i>NO FS</i>
<b>COR T1 +C</b>	500	2.46	23	4	1	195	320	S-I	1	A-P	<i>NO FS</i>
<b>SAG T1 +C</b>	500	2.46	23	4	1.2	195	320	S-I	1	R-L	<i>NO FS</i>
<b>OPTIONAL</b>											
<b>COR T2 HI RES</b>	2500	109	22	3.5	0.5	384	384	S-I	2	A-P	<i>ADD FOR SEIZURES</i>
<b>SAG T2 FLAIR</b>	8000	78	23	4	1.2	256	256	S-I	2	R-L	<i>ADD FOR MS</i>