

MRI BRAIN WITHOUT & WITH CONTRAST - Seizure

Indications			Epilepsy, seizure, contrast especially indicated with new onset, difficult to control, change in pattern, or per physician request.			
Localizer			3 plane scout			
PLANE	SEQUENCE	FAT SAT	MODE	SLT/SP	FOV	NOTES
Axial	DWI		ADC MAP	5 / 1.5	24 cm	B0 and B1000
Sagittal	T1			5 / 1.5	24 cm	
Axial	T1			5 / 1.5	24 cm	
Axial	T2			5 / 1.5	24 cm	
Axial	FLAIR	Y		5 / 1.5	24 cm	
Axial	GRE			5 / 1.5	24 cm	perform your scanner equivalent
Coronal	T2			3 / 1	18 cm	thins through hippocampus / temporal bones
Coronal	T2 FLAIR	Y		3 / 1	18 cm	thins through hippocampus / temporal bones
Coronal	3D T1			2	24 cm	
Axial + C	T1	Y		5 / 1.5	24 cm	
Coronal + C	T1	Y		5 / 1.5	24 cm	



Coronals through hippocampus/
temporal bones

Coronals angled perpendicular to hippocampus

