

Anatomy: Brain

- Exams

Sub-Anatomy: Epilepsy + Contrast (12C) – 3T preferred

- Routine

Coil: Head Matrix

SEQUENCE – BASICS				VARIABLE PARAMETERS													
PLANE	SEQ	Slice / Gap (mm)	Misc / Comment	MTX	FOV (cm)	% RFOV	Scan %	Pixel size (mm)	TR	TE	FA/TI	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz
ROUTINE																	
AX	DWI	5/0.5		128x128	22												
AX	T2* SWI or GRE	5/0.5			22												
AX	T2 FLAIR	5/0.5			22												
COR	T2FLAIR	3/0.3	Whole Brain		16-18												
COR	T2	3/0.3	Whole Brain		16-18												
COR	3D T1 Pre	2/0	Whole Brain		16-18												
COR	T1 Post	5/0.5	Whole Brain		22												
AX	T1 SE Post	5/0.5	Whole Brain		22												
↓ OPTIONAL ↓																	

ORDERABLE: MR BRAIN W AND WO CONTRAST.

TIPS:

SWI (Susceptibility-Weighted-Image, GE=SWAN, Siemens=SWI, Philips=Venous BOLD) is preferred over GRE.