

# UT Southwestern Department of Radiology

Anatomy: **Brain**

- Exams

Sub-Anatomy: **Epilepsy (12) - 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 Thin	2/0	Whole Brain		16-18													
↓ OPTIONAL ↓																		

**ORDERABLE: MR BRAIN WO CONTRAST.**

**TIPS:**

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