

# UT Southwestern Department of Radiology

Anatomy: **Brain**  
 Sub-Anatomy: **Routine Brain (1G)**

- Exams  
 - 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																	
SAG	T1	5/0.5			23												
AX	DWI	5/0.5	b=1000, dirs=3	128x128	22												
AX	T2FLAIR	3/0.3			22												
AX	T1	5/0.5			22												
AX	T2 FSE	5/0.5			22												
AX	T2* SWI or GRE	5/0.5			22												
↓ OPTIONAL ↓																	

**TIPS:** 22cm FOV for WholeHead scans.

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

For Unccoperative patients, use Propeller/Windvane/Blade, SSFSE, or EPI scans.