

UT Southwestern Department of Radiology

Anatomy: **Brain**
 Sub-Anatomy: **Contrast Brain (2G)**

- 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	4/1			23													
AX	DWI	5/0.5		128x128	22													
AX	T1 FLAIR	5/0.5			22													
AX	T2FLAIR	5/0.5			22													
AX	SWIp FAST	1/0			22													
AX	T2 POST	5/0.5			22													
AX	T1 FLAIR Post	5/0.5			22													
COR	T1 FLAIR Post	5/0.5			22													
↓ OPTIONAL ↓																		
SAG	3D T1 FS Post	0.75/0	Ax, Cor Recons at 5/0		24													

ORDERABLE: MR BRAIN W AND WO CONTRAST.

TIPS: AX T2 FSE is a POST-contrast scan.

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

If patient is moving, skip the 3D POST acquisition and acquire AX 2D T1 Post and COR 2D T1 Post.

For Uncooperative patients, use Propeller/Multivane/Blade, SSFSE, or EPI scans.