

UT Southwestern Department of Radiology

Anatomy: **Brain**
 Sub-Anatomy: **(2 Met) Metastasis**

- 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		128x128	22												
AX	T1 FLAIR	3/0.3			22												
AX	T2FLAIR	3/0.3			22												
AX	T2* SWI or GRE	5/0.5			22												
AX	T2 Post	3/0.3			22												
AX	3D T1 TFE Post (INGENIA)	0.7/0	,Sag,Cor Recons at 5/0		24												
SAG	3D T1 FS Post (ACHIEVA)	0.75	Ax,,Cor Recons at 5/0		24												
AX	2D T1 Post	3/0.3			22												
↓ OPTIONAL ↓																	
COR	POST T1 FLAIR	3/0.3			22												
SAG	POST T1 FLAIR	3/0.3			22												

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=Venous BOLD) is preferred over GRE.