

# Quantum Imaging and Therapeutic Associates

## Brain (Routine) – 1.5 Tesla

Indications	Neurologic dysfunction, headaches, evaluation for mass/metastases, postsurgical evaluation
Coil	Head
Position	Supine
FOV	22 cm
Comments / Special	Add sagittal postcontrast T1 FSE for brain lesions.

<u>Sequence</u>	<u>TR</u>	<u>TE</u>	<u>TI</u>	<u>Flip</u>	<u>ST/sp</u>	<u>Matrix</u>
Sag T1	600-700	10-15			5/2	256 x 192
Ax T1	600-700	10-15			5/2	256 x 256
Ax T2 FS	>3000	80-100			5/2	320 x 256
Ax FLAIR	>8000	120-140	2200		5/1	256 x 256
Ax DWI	10000	Min.			5/1	256 x 256
Ax T2* GRE	700-800	20		15	5/1	192 x 192
Ax T1 gad	600-700	10-15			5/2	256 x 256
Cor T1 SPGR gad	9.3	3.8		15	2/1	224 x 224