

SPECTROSCOPY

Revised: 10/2018

CPT Code: 76390

Indications: Brain tumor

Contrast: NO

***CONSULT NEURO RADIOLOGIST FOR DIRECTION AND SPECIFICATION OF SCANNING PARAMETERS**

Preferred Scanner-3T ONLY

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
SAG	T1 3D	.9	0	N	220	Entire brain from vertex thru cerebellum, no angulations, patient positioned straight	RFMT AX & COR .9 x .9 x .9
	OR						If tumor better visualized on FLAIR imaging.
AX	FLAIR	3	.3	N	220	Entire brain from vertex thru cerebellum, no angulations, patient positioned straight	<i>All images must be perpendicular to each other</i>
COR	FLAIR	3	.3	N	220	Entire brain	<i>All images must be perpendicular to each other</i>
SAG	FLAIR	3	.3	N	220	Entire brain, parallel to midline of brain	<i>All images must be perpendicular to each other</i>

SPECTROSCOPY SEQUENCES. CONSULT NEURO RAD FOR DIRECTION AND SPECIFICATION OF SCANNING PARAMETERS

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
	SVS 135 or SVS 270	3	.3	N	220		Single Voxel TE choices: 135,270
	CSI 135	3	.3	N	220		Multi Voxel

POST PROCESS SPECT DATA