

3T MRI PROTOCOLS

Protocol Name: **THORACIC SPINE ROUTINE**

Body Part: **THORACIC SPINE**

Coil: **HEAD, NECK & SPINE ARRAY**

	Sequences	Seq Name	Image Plane	# Slices	TR	TE	Slice Thick	FOV	NSA	Matrix	Phase Dir
	2 Plane Loc	gre	2 plane	6	7.5	3.36	6	450	1	256	R>L
	Sag T2 Counting Loc	tse	Sagittal	9	3000	104	4	450	1	256	H>F
	Sag T1	tse	Sagittal	13	600	9.4	3	320	2	384	H>F
	Sag T2	tse	Sagittal	13	3950	107	3	320	3	384	H>F
Ti220/fl150	Sag STIR	tse	Sagittal	13	4000	54	3	320	1	384	H>F
	Axial T1 upper	tse	Axial	30	620	11	4	200	1	256	A>P
	Axial T2 upper	tse	Axial	30	4000	82	4	200	1	256	A>P
	Axial T1 lower	tse	Axial	30	620	11	4	200	1	256	A>P
	Axial T2 lower	tse	Axial	30	4000	82	4	200	1	256	A>P
	Optional										
Ti835/fl120	Sag T1 Flair	tse	Sagittal	13	2000	25	3	320	1	320	H>F

Details: Turn on B-1 Filter for Dielectric Effect minimization