MR 750w dv 24			3T - Adult THORACIC SPINE MRI PROTOCOL - UW MADISON										
					PEDS								
1	**2**	**3**	**3**	**4**	**5**	**6**			+C	+ C			
3plane	**3plane**	**SAG T1**	**SAG T2**	**SAG STIR**	**AX T2***	**Ax T2**		**SAG T1**	**SAG T1 FAT**	**Ax T1 FAT**	**SAG**		
loc	**loc**	**FSE**	**FRFSE**	**FSTIR**	**FGRE**	**FRFSE**		**FSE**	**FSE**	**FSE**	**SSFSE**		
CTL top	CLT bot				**2d**	**2d**		**No fat**	**FAT**				
2d	2d	2d	2d	2d	2d	2d		2d	2d	2d	2d		
SSFSE	SSFSE	FSE-XL	FrFSE-XL	FSE-IR	Fast GRE	FrFSE-XL		FSE-XL	FSE-XL	FSE-XL	SSFSE		
		FC, NPW	NPW, FC	NPW, Seq	NPW	NPW, FC		NPW	NPW	NPW	ss, fast		
		EDR, TRF	TRF, EDR	EDR, TRF	Fast	EDR, TRf		EDR, TRF	EDR, TRF	EDR, TRF	EDR		
		Fast	Fast, FR	Fast		Fast, FR		Fast	Fast	Fast	ARC		
									CHEM SAT FAT	**CHEM SAT FAT**			
TE MIN	TE MIN	32 x 32	32 x 32	32 x 32	18 x 18	22 x 22		22 x 22	22 x 22	32 x 32	30 x 30		
TR MIN	TR MIN	PEDS 4/.2	PEDS 4/.2	PEDS 4/.2		5/.5		PEDS 4/.5	PEDS 4/.5	PEDS 4/.2			
		4/.4	4/.4	4/.4	4/.5			5/.5	5/.5	4/.4	3/0		
	BW 83	A/P	A/P	A/P	A/P	A/P		A/P	A/P	A/P	S/I		
48 x 48		TR 750	TR 3500	TR 4000	TR 675	TR 3600		TR 800	TR 800	TR 750	TR MIN		
Sag R/L		TE 10	TE 102	TE 42	TE Min Full	TE 85		TE MIN FULL	TE MIN FULL	TE 10	TE 90		
10 / 10		RFA 120	ARFA 142	ARFA 142	Flip 20	ARFA 142		RFA 120	RFA 120	RFA 120			
7 sls		ETL 3	ETL 21	ETL 10		ETL 21		ETL 3	ETL 3	ETL 3			
Ax S/I				TI 180									
10 / 1		**SCIC**	**No SCIC**	**SCIC**	**SCIC**	**SCIC**		**SCIC**	**SCIC**	**SCIC**			
9 sls													
Cor A/P		384 x 256	384 x 224	320 x 192	288 x 192	320 x 192		320 x 192	320 x 192	320 x 192	320 x 192		
10/1		2 NEX	3 NEX	3 NEX	2 NEX	2 NEX		2 NEX	2 NEX	3 NEX	BW 83		
9 sls		BW 31.25	BW 41	BW 41	BW 41	BW 35		BW 31	BW 31	BW 31.25			
offset													
A20		AUTO SHIM	AUTO SHIM	AUTO SHIM	AUTO SHIM	AUTO SHIM		AUTO SHIM	AUTO SHIM	AUTO SHIM	AUTO SHIM		
		PRESET	PRESET	PRESET	PRESET	PRESET		PRESET	PRESET	PRESET	**ACCEL**		
		FC off	FC off	FC off	FC off	FC off		PC ON	PC ON	FC on	1.5		
		FC DIR FREQ	FC DIR FREQ	FC DIR FREQ		FC DIR FREQ					**ADVNCD**		
		ADVNCD	**ADVNCD**	**ADVNCD**	**ADVNCD**	**ADVNCD**		**ADVNCD**	**ADVNCD**	**ADVNCD**	Max # echo		
		EN FN LINE 1	EN FN LINE 1	Cl ANN 1		Cl ANN 1				EN FN LINE 1	240		
		RG 1	Cl ANN 1	RG 1		RG 1		RG 1	RG 1	RG 1	ESO 1		
			RG 1								RG 1		