MR 750w dv 26			3T - Adult THORACIC SPINE MRI PROTOCOL - UW MADISON							3-16-18 Grayev/Kijowski/Field/Vadnais			
					PEDS								
1	2	3	4	5	6	6b		+C	+ C		old:		
3 pl loc	3 pl loc	SAG T1	SAG T2	SAG STIR	AX T2*	Ax T2	Ax T1	SAG T1 FAT	Ax T1 FAT	SAG	3		
		FLAIR	FRFSE	FSTIR	FGRE	FRFSE	FSE	FSE	FSE	SSFSE	SAG T1		
							No fat	FAT			FSE		
2d FSE	2d FSE	2d FLAIR	2d	2d	2d	2d	2d	2d	2d	2d	2d		
			FrFSE	FSE	Fast GRE	FrFSE	FSE	FSE	FSE	SSFSE	FSE		
Seq, EDR	Seq, EDR	FC, NPW, Seq,	NPW, FC	NPW, Seq	NPW	NPW, FC	NPW	NPW	NPW	ss, fast	FC, NPW		
Fast, SS, ARC	Fast, SS, ARC	EDR, TRF, Fast	TRF, EDR	EDR, TRF	Fast	EDR, TRf	EDR, TRF	EDR, TRF	EDR, TRF	EDR	EDR, TRF		
			Fast, FR	Fast, Irp		Fast, FR	Fast	Fast	Fast	ARC	Fast		
48 x 48	48 x 48	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	32 x 32		
R/L 5/5 4sl	R/L 5/5 4sl	PEDS 4/.2	PEDS 4/.2	PEDS 4/.2		5/.5	PEDS 4/.5	PEDS 4/.5	PEDS 4/.2		PEDS 4/.2		
S/I 5/5 10 sl	S/I 5/5 10 sl	4/.4	4/.4	4/.4	4/.5		5/.5	5/.5	4/.4	3/0	4/.4		
A/P 5/5 15 sl	A/P 5/5 15 sl	A/P	A/P	A/P	A/P	A/P	A/P	A/P	A/P	S/I	A/P		
TR Min	TR Min	TR 3500	TR 3500	TR 4000	TR 675	TR 3600	TR 800	TR 800	TR 750	TR MIN	TR 750		
TE 80	TE 80	TE 24	TE 102	TE 42	TE Min Full	TE 85	TE MIN FULL	TE MIN FULL	TE 10	TE 90	TE 10		
		ETL 8	ARFA 142	ARFA 142	Flip 20	ARFA 142	RFA 120	RFA 120	RFA 120		RFA 120		
		Auto Inv	ETL 21	ETL 10		ETL 21	ETL 3	ETL 3	ETL 3		ETL 3		
				TI 180									
320 x 256	320 x 256	288 x 224	384 x 224	320 x 192	288 x 192	320 x 192	320 x 192	320 x 192	320 x 192	320 x 192	384 x 256		
BW 83	BW 83	2 nex	3 NEX	3 NEX	2 NEX	2 NEX	2 NEX	2 NEX	3 NEX	BW 83	2 NEX		
		BW 41	BW 41	BW 41	BW 41	BW 35	BW 31	BW 31	BW 31.25		BW 31.25		
			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		
			FC off	FC off	FC off	FC off	PC ON	PC ON	FC on		FC off		
			FC DIR FREQ	FC DIR FREQ		FC DIR Slice					FC DIR FREQ		
Accel 2	Accel 2									ACCEL 1.5			
			No SCIC	SCIC	SCIC	SCIC	SCIC	SCIC	SCIC		SCIC		
								CHEM SAT FAT	CHEM SAT FAT				
ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD	ADVNCD		
coll avail ech 1	coll avail ech 1	sl Uniform 1	En fine line 1	Ann Sup 1		Ann Sup 1	Ann Sup 1		En fine line 1	Max # echo	En fine line 1		
max # echos 240	max # echos 240	En fine line 1	Ann Sup 1	Adop lvl 1		Adop lvl 1	Adop lvl 1	RG 1	Ann Sup 1	240	RG 1		
RG 1	RG 1	Ann sup 1	Adop lvl 1	RG 1		RG 1	RG 1		Adop lvl 1	ESO 1			
		Adop lvel 1	RG 1						RG 1	RG 1			
		RG 1											