

450w 22.0 1.5T ELBOW MRI - UW MADISON				5/27/10 Desmet/Robichaud			MEV Updated 8/2013										
COIL selections				Arm at side: PALM UP, Feet 1st or Head 1st (However patient is positioned) Arm overhead not midline: PALM UP, Select Head 1st, *Annotations INCORRECT Arm overhead midline: PALM UP Select Feet 1st, Annotations CORRECT													
1st: SHOULDERMAPA with arm at the side or overhead.																	
2nd: Extremity coil LGEXTPA with arm over head.																	
OCD - LOOSE BODY/DISTAL BICEPS & TRICEPS TEAR				FOV	Pfov	slthk/sp	frq dir	TR	TE	ETL	TI	Sat	Matrix	Nex	BW	ADVCD	
1	3 pl loc	2d std loc	NP	32 x 32	1	20 / 5	def						256 x 128	2 nex			
2	Ax T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 3			256 x 224	2 nex	BW 20	blur 0	
3	Ax T2 cl fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 3150	TE 80	ETL 10		cl fat	256 x 224	2 nex	BW 20	blur 0	
4	Sag T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1	unswp	TR 575	TE 20	ETL 3			256 x 224	2 nex	BW 20	blur 0	
5	Sag T2 cl fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1	unswp	TR 3150	TE 80	ETL 10		cl fat	256 x 224	2 nex	BW 20	blur 0	
7	Cor PD cl fat	2d FSE-XL	NP, EDR , TRF, ZIP 512	14 x 14	1	3 / .5	unswp	TR 1800	TE 34	ETL 7		cl fat	256 x 224	2 nex	BW 25	blur 0	
UCL or RCL TEAR, EPICONDYLITIS				FOV	Pfov	slthk/sp	frq dir	TR	TE	ETL	TI	Sat	Matrix	Nex	BW	ADVCD	
1	3 pl loc	2d std loc	NP	32 x 32	1	20 / 5	def						256 x 128	2			
2	Ax PD no fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 2000	TE 20	ETL 4			320 x 224	2 nex	BW 20	blur 0	
3	Ax T2 cl fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 3150	TE 80	ETL 10		cl fat	256 x 224	2 nex	BW 20	blur 0	
4	Sag T2 cl fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 3150	TE 80	ETL 10		cl fat	256 x 224	2 nex	BW 20	blur 0	
5	Cor T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / .5	unswp	TR 575	TE 20	ETL 3			256 x 224	2 nex	BW 20	blur 0	
6	Cor PD cl fat	2d FSE-XL	NP, EDR , TRF, ZIP 512	14 x 14	1	3 / .5	unswp	TR 1800	TE 34	ETL 7		cl fat	256 x 224	2 nex	BW 25	blur 0	
OSTEOMYELITIS, ABSCESS, TUMOR				FOV	Pfov	slthk/sp	frq dir	TR	TE	ETL	TI	Sat	Matrix	Nex	BW	ADVCD	
1	3 pl loc	2d std loc	NP	32 x 32	1	20 / 5	def						256 x 128	2			
2	Ax T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 3			256 x 224	2 nex	BW 20	blur 0	
3	Ax T2 dk fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 2200	TE 68	ETL 8		FAT	256 x 224	2 nex	BW 20	blur 0	
4	Sag T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 3			256 x 224	2 nex	BW 20	blur 0	
5	Sag T2 dk fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 2200	TE 68	ETL 8		FAT	256 x 224	2 nex	BW 20	blur 0	
6	Cor T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 3			256 x 224	2 nex	BW 20	blur 0	
7	Cor T2 dk fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 2200	TE 68	ETL 8		FAT	256 x 224	2 nex	BW 20	blur 0	
Give IV contrast																	
8	Ax T1 dk fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 4		FAT	256 x 224	2 nex	BW 20	blur 0	
+C	9	Sag T1 dk fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 4		FAT	256 x 224	2 nex	BW 20	blur 0
+C	10	Cor T1 dk fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 4		FAT	256 x 224	2 nex	BW 20	blur 0
ARTHROGRAM				FOV	Pfov	slthk/sp	frq dir	TR	TE	ETL	TI	Sat	Matrix	Nex	BW	ADVCD	
1	3 pl loc	2d std loc	NP	32 x 32	1	20 / 5	def						256 x 128	2			
+C	2	Ax T1 cl fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 1.5	unswp	TR 575	TE 20	ETL 3		cl fat	256 x 224	2 nex	BW 20	blur 0
+C	3	Ax T2 cl fat	2d FSE-XL	NP, ZIP 512, fast	14 x 14	1	3 / 0.5	unswp	TR 3200	TE 88	ETL 17		cl fat	256 x 192	2 nex	BW 20	blur 0
+C	4	Sag T1 cl fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 0.5	unswp	TR 575	TE 20	ETL 3		cl fat	256 x 224	2 nex	BW 20	blur 0
+C	5	Cor T1 cl fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / 0.5	unswp	TR 575	TE 20	ETL 3		cl fat	256 x 224	2 nex	BW 20	blur 0
+C	6	Cor PD cl fat	2d FSE-XL	NP, EDR , TRF, ZIP 512	14 x 14	1	3 / 1	unswp	TR 1800	TE 42	ETL 4		cl fat	256 x 224	2 nex	BW 20	blur 0
NEUROGRAM				FOV	Pfov	slthk/sp	frq dir	TR	TE	ETL	TI	Sat	Matrix	Nex	BW	ADVCD	
2	Ax T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	3 / .2	unswp	TR 600	TE 18	ETL 4			256 x 224	3 nex	BW 20	blur 0	
3	Ax T2 FSE cl fat	2d FSE-XL	NP, ZIP 512, fast	14 x 14	1	3 / .2	unswp	TR 3200	TE 88	ETL 17		cl fat	256 x 224	3 nex	BW 15	blur 0	
4	Ltd Cor T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	2 / .2	unswp	TR 600	TE 18	ETL 4			256 x 224	3 nex	BW 20	blur 0	
5	Ltd Cor T2 cl fat	2d FSE-XL	NP, ZIP 512, fast	14 x 14	1	2 / .2	unswp	TR 3000	TE 88	ETL 17		cl fat	256 x 224	3 nex	BW 15	blur 0	
4	Ltd Sag T1 FSE	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1	2 / .2	unswp	TR 600	TE 18	ETL 4			256 x 224	3 nex	BW 20	blur 0	
6	Ltd Sag T2 cl fat	2d FSE-XL	NP, ZIP 512, fast	14 x 14	1	2 / .2	unswp	TR 3000	TE 88	ETL 17		cl fat	256 x 256	3 nex	BW 15	blur 0	
OPTIONAL SCANS				FOV	Pfov	slthk/sp	frq dir	TR	TE	ETL	TI	Sat	Matrix	Nex	BW	ADVCD	
	FSTIR	2d FSE-IR	NP, SEQ, VBw, ZIP 512, fast	14 x 14	1		unswp	TR 3000	TE 44	ERL 8	TI 160		256 x 192	2 nex	BW 12		
	PD cl fat	2d FSE-XL	NP, EDR , TRF, ZIP 512	14 x 14	1		unswp	TR 1800	TE 42	ETL 4		cl fat	256 x 224	2 nex	BW 20	blur 0	
	PD no fat	2d FSE-XL	NP, TRF, ZIP 512, fast	14 x 14	1		unswp	TR 2000	TE 20	ETL 4			320 x 288	2 nex	BW 20	blur 0	
	T2* GRE	2d GRE	NP, ZIP 512	14 x 14	1	3 / 1.5	unswp	TR 500	TE 15	Flip 20			256 x 192	3 nex	BW 10		
	3d Cartilage	3d SPGR	VBw - 90 deg to joint surface	14 x 14	1	1 / 0	unswp	TR 42	TE min	Flip 40			256 x 128	1 nex	BW 15		