

750 22.0 3T KNEE MRI - UW MADISON														5-27-10 DeSmet/Tuite/Robichaud			
														MEV Updated 8-8-17			
<b>Coils</b>																	
EXTcoil = LGEXTPA 4ch TR/EXT by MEDRAD																	
CHIMNEY coil = QUADKNEE T/R knee foot by MED																	
MENISCUS - AVN - OCD - PAIN			fov	pfov	thk/sp	frqdir	TR	TE	ETL	FLIP	TI	Matrix	Nex	RBw	Sat	UsCV	
1	3 pl loc	2d std loc	24 x 24		10 / 0	unspf	def	def				256 x 128	2 nex				
2	Ax T2 <b>classic fat</b>	2d FrFSE-XL	TRF, ZIP 512, fast, FR	18 x 18	1	3 / 1.0	unspf	TR 3800	TE 85	ETL 13		384 x 224	2 nex	BW 31	<b>cla fat</b>	FSeF 1, Clc Ann 1	
3	Cor PD <b>classic fat</b>	2d FSE-XL	TRF, fast, EDR, ZIP 512	14 x 14	1	3 / 1.5	unsp	TR 2400	TE 31	ETL 8		384 x 224	2 nex	BW 41	<b>cla fat</b>	FSeF 1, Clc Ann 1	
4	Sag PD <b>No fat</b>	2d FSE-XL	TRF, fast, ZIP 512	14 x 14	1	3 / 0.5	unspf	TR 1800	TE 20	ETL 5		384 x 224	2 nex	BW 31			
5	Sag T2 <b>classic fat</b>	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1	3 / 0.5	unspf	TR 4200	TE 80	ETL 20		384 x 224	2 nex	BW 41	<b>cla fat</b>	FSeF 1, Clc Ann 1	
6	Ax Pd <b>classic fat</b>	2d FSE-XL	NPW, TRF, Fast, FR	16 x 16	1	1/0.1	unspf	TR 2075	TE 32	ETL 8		256 x 224	2 nex	BW 31	<b>cla fat</b>	FSeF 1, Clc Ann 1	
8	SAG PD CUBE clfat	3d Cube	EDR, ARC,, Zip2	16 x 16	1	1.2	unspf	TR 1200	TE 18	ETL 40	full r/l coverage	288x288	1 nex	BW 63	<b>clFAT</b>	cv 5-.92 cv12-70 cv22-7	
7	Cor PD (Pain/Men/Lig)	2d FSE-XL	TRF, fast, ZIP 512	14 x 14	1	3 / 0.5	unsp	TR 1800	TE 20	ETL 5		384 x 224	2 nex	BW 31			
or	Cor T1 (AVN/OCD/FX)	2d FSE-XL	TRF, fast, ZIP 512	14 x 14	1	3 / 0.5	unsp	TR 700	TE 16	ETL 3		384 x 224	2 nex	BW 31			
	add if metal in knee			1													
	SAG STIR	2d FSE-IR	Seq, fast	14 x 14	1	3/0.5	unspf	TR 3000	TE 40	ETL 9	TI 180	256 x 256	2 nex	BW 62	Accel 1.8		
OSTEOMYELITIS - ABSCESS - TUMOR																	
1	3 pl loc	2d std loc		24 x 24		10 / 0	unspf	def	def			256 x 128	2 nex				
2	Ax T1	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1	5 / 1.5	unsp	TR 550	TE 20	ETL 4		384 x 224	2 nex	BW 31			
3	Ax T2 <b>dark fat</b>	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1	5 / 1.5	unspf	TR 4000	TE 85	ETL 16		384 x 224	2 nex	BW 41	<b>FAT</b>	FSeF 1, Clc Ann 1	
4	Cor T1	2d FSE-XL	TRF, ZIP 512, fast	16 x 16	1	5 / 2.5	unsp	TR 550	TE 20	ETL 4		384 x 224	2 nex	BW 31			
5	Cor T2 <b>dark fat</b>	2d FSE-XL	TRF, ZIP 512, fast	16 x 16	1	5 / 2.5	unspf	TR 4000	TE 85	ETL 16		384 x 224	2 nex	BW 41	<b>FAT</b>	FSeF 1, Clc Ann 1	
6	Sag T1	2d FSE-XL	TRF, ZIP 512, fast	16 x 16	1	5 / 2.5	unsp	TR 550	TE 20	ETL 4		384 x 224	2 nex	BW 41			
7	Sag T2 <b>dark fat</b>	2d FSE-XL	TRF, ZIP 512, fast	16 x 16	1	5 / 2.5	unspf	TR 4000	TE 85	ETL 16		384 x 224	2 nex	BW 41	<b>FAT</b>	FSeF 1, Clc Ann 1	
	TUMOR ONLY--PRE Ax T1 FAT	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1	5 / 1.5	unsp	TR 550	TE 20	ETL 4		384 x 224	1 nex	BW 31	<b>FAT</b>		
	Give IV Contrast																
8	+c Ax T1 <b>dark fat</b>	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1	5 / 1.5	unsp	TR 550	TE 20	ETL 4		384 x 224	2 nex	BW 31	<b>FAT</b>	FSeF 1, Clc Ann 1	
9	+c Cor T1 <b>dark fat</b>	2d FSE-XL	TRF, ZIP 512, fast	16 x 16	1	5 / 2.5	unsp	TR 550	TE 20	ETL 4		384 x 224	2 nex	BW 31	<b>FAT</b>	FSeF 1, Clc Ann 1	
10	+c Sag T1 <b>dark fat</b>	2d FSE-XL	TRF, ZIP 512, fast	16 x 16	1	5 / 2.5	unsp	TR 550	TE 20	ETL 4		384 x 224	2 nex	BW 31	<b>FAT</b>	FSeF 1, Clc Ann 1	
KNEE ARTHROGRAM																	
1	3 pl loc	2d std loc		24 x 24		10 / 0	unspf	def	def			256 x 128	2 nex				
2	+C Ax T2 <b>classic fat</b>	2d FrFSE-XL	TRF, ZIP 512, fast, FR	14 x 14	1	3/5	swp	TR 3800	TE 85	ETL 21		448 x 224	2 nex	BW 41	<b>cl fat</b>	FSeF 1, Clc Ann 1	
3	+C Cor T1 <b>dark fat</b>	2d FSE-XL	NPW, TRF, ZIP 512, fa	14 x 14	1	3 / 1.5	unsp	TR 600	TE 17	ETL 3		384 x 224	2 nex	BW 41	<b>FAT</b>	FSeF 1, Clc Ann 1	
4	Sag PD <b>No fat</b>	2d FSE-XL	NPW, TRF, fast	14 x 14	1	3 / 0.5	unspf	TR 1800	TE 20	ETL 5		384 x 224	2 nex	BW 41			
5	+c Sag T2 <b>classic fat</b>	2d FSE-XL	NPW, TRF, ZIP 512, fa	14 x 14	1	3 / 0.5	unspf	TR 3400	TE 80	ETL 10		384 x 224	2 nex	BW 41	<b>cla fat</b>	FSeF 1, Clc Ann 1	
6	+c Sag T1 <b>dark fat</b>	2d FSE-XL	NPW, TRF, ZIP 512, fa	14 x 14	1	3 / 0.5	unsp	TR 650	TE 18	ETL 4		384 x 224	2 nex	BW 41	<b>FAT</b>	FSeF 1, Clc Ann 1	
OPTIONAL SCANS																	
	T2 FSE <b>classic fat</b>	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1	4 / 0.5	unspf	TR 3150	TE 80	ETL 20		256 x 192	2 nex	BW 41	<b>cl fat</b>	FSeF 1, Clc Ann 1	
	T2 FSE <b>dark fat</b>	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1		unspf	TR 2200	TE 85	ETL 16		256 x 224	2 nex	BW 41	<b>FAT</b>	FSeF 1, Clc Ann 1	
	PD <b>classic fat</b>	2d FSE-XL	TRF, ZIP 512, fast	14 x 14	1	4 / 1	unspf	TR 1800	TE 31	ETL 8		256 x 224	2 nex	BW 41	<b>cla fat</b>	FSeF 1, Clc Ann 1	
	Sag PD <b>No fat</b>	2d FSE-XL	TRF, fast	14 x 14	1	3 / 0.5	unspf	TR 1800	TE 20	ETL 5		256 x 224	2 nex	BW 41			
rspk	Fast STIR	2d FSE-IR	Seq, fast		1		unspf	TR 3000	TE 40	ETL 9	TI 180	256 x 256	2 nex	BW 41			
	T2 FRFSE <b>classic fat</b>	2d FRFSE-XL	TRF, ZIP 512, fast	14 x 14	1	4 / 1	swp	TR 3500	TE 80	ETL 20		256 x 224	2 nex	BW 41	<b>cl fat</b>	FSeF 1, Clc Ann 1	

