

1.5T - 15.0 SHOULDER MRI - UW Madison							3/11/11c Tuite/Robichaud		
RCT, Labral injury, Instability, Dislocation							RPK		
COIL: SHOULDER coil SET UP: Head 1st Supine Arm parallel at the side, thumb up, pad supporting arm.									
<p>RT shoulder Grx on Ax 3pl loc Perpendicular to the joint</p>		<p>RT shoulder Ob Sag T2 Grx on Ax 3pl loc Parallel to the joint</p>		<p>RT shoulder Sag T1</p>	<p>RT shoulder Ob/Ob Sag T2 Grx on Oblq Cor T2 Perpendicular to rotator cuff tendon</p>		<p>Oblq Ax PD Grx on Oblq Sag Angle 30 deg off horizontal - frq dr R/L</p>		
1	2	3	4	5	6	7	If synovitis	8 + c	9 + c
3 pl loc	Ax CAL	Oblq Cor T2	Oblq Sag T2	Oblq Sag T1	Oblq / Oblq Sag T2	Oblq Ax PD	Omit Obl/Obl sag give IV contrast add scans 8 & 9	Strt Ax T1	Oblq Cor T1
2d std loc	for PURE	Classic FAT	Classic FAT	NO fatsat	Classic FAT	Classic FAT		Classic FAT	Classic FAT
FGRE	Fast GRE	2d FSE-XL	2d FSE-XL	2d FSE-XL	2d FSE-XL	2d FSE-XL		2d FSE-XL	2d FSE-XL
Seq fast		NP, EDR, TRf fast	NP, EDR, TRf fast	NP, EDR, TRf fast	NP, EDR, TRf fast	NP, EDR, TRf fast		NP, EDR, TRf fast	NP, EDR, TRf fast
TE def		TE 54	TE 54	TE 17	TE 54	TE 28		TE 17	TE 17
TR def		TR 2450	TR 2500	keep @ *TR 900	TR 2400	TR 1800		TR 575	TR 575
		ETL 11	ETL 11	ETL 3	ETL 11	ETL 7		ETL 3	ETL 3
		BW 31	BW 31	BW 31	BW 31	BW 31		BW 31	BW 31
		PURE	PURE		PURE	PURE			
		Sat	Sat	Sat	Sat	Sat		Sat	Sat
		Classic fatsat	Classic fatsat	RT shoulder: L sat	Classic fatsat	Classic fatsat		Classic fatsat	Classic fatsat
		RT shoulder: L sat	RT shoulder: L sat	LT shoulder: R sat	RT shoulder: L sat	RT shoulder: L sat		RT shoulder: L sat	RT shoulder: L sat
		LT shoulder: R sat	LT shoulder: R sat		LT shoulder: R sat	LT shoulder: R sat		LT shoulder: R sat	LT shoulder: R sat
		Usr CV	Usr CV	Usr CV	Usr CV	Usr CV		Usr CV	Usr CV
		Order 0	Order 0	Order 0	Order 0	Order 0		Order 0	Order 0
		Blur canc 0	Blur canc 0	Blur canc 0	Blur canc 0	Blur canc 0		Blur canc 1	Blur canc 1
		Fat Sat Eff 1	Fat Sat Eff 1	Enh Fn Ln 0	Fat Sat Eff 1	Fat Sat Eff 1		Fat Sat Eff 1	Fat Sat Eff 1
		Enh Fn Ln 0	Enh Fn Ln 0		Enh Fn Ln 0	Enh Fn Ln 0		Enh Fn Ln 0	Enh Fn Ln 0
28 x 28	20 x 20	14 x 14	14 x 14	14 x 14	14 x 14	14 x 14		14 x 14	14 x 14
10 / 0	9 / 0	4 / .4	4 / 1	4 / 1	3 / .2	4 / .4		4 / 1	4 / .4
11 slices	41 sls	18 sls	18 sls	17 sls	16 sls	16 sls		16 sls	16 sls
offset R / L 120									
offset P 20									
256 x 128		288 x 256	288 x 224	288 x 224	288 x 256	288 x 256		288 x 256	288 x 256
2 nex		4 nex	2 nex	1 nex	4 nex	4 nex		2 nex	2 nex
		Freq S/I	Freq S/I	Freq S/I	Freq S/I	Freq R/L		Freq R/L	Freq S/I
pfov 1		pfov 1	pfov 1	pfov 1	pfov 1	pfov 1		pfov 1	pfov 1
0:44	0:13	4:00	1:50	1:14	@ 4 MIN	4:30		3:46	3:46