

Radiology of Indiana - MRI MSK

Protocol	FOV (CM)	Slice	Spacing
Shoulder			
AX T1	16	3	1
AX PD FS	16	3	1
COR PD	15	3	1
COR T2	15	3	1
COR STIR	15	3	1
SAG PD	15	3	1
SAG T2 FS	15	3	1
AX T1 FS (if contrast)	16	3	1
AX T1 FS +C	15	3	1
COR T1 FS +C	15	3	1
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist			
Shoulder Arthrogram			
AX T1 FS	16	3	1
COR T1 FS	15	3	1
SAG T1 FS	15	3	1
AX T2 FS	16	3	1
COR T1	15	3	1
COR T2 FS	15	3	1
SAG PD	15	3	1
SAG T2	15	3	1
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist			
Axilla or Groin			
AX T1	20	3	1
AX STIR	20	3	1
COR T2	20	3	1
SAG T2	20	3	1
AX T1 FS	20	3	1
AX T1 FS +C	20	3	1
COR T1 FS +C	20	3	1
** Place skin marker on area of interest **			
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist			
Scapula			
AX T1	20-25	4	0.5
AX STIR	20-25	4	0.5
AX GRE	20-25	4	0.5
COR T1	20-25	4	0.5
COR STIR	20-25	4	0.5
SAG T2	20-25	4	0.5
SAG STIR	20-25	4	0.5
AX T1 FS (if contrast)	20-25	4	0.5
AX T1 FS +C	20-25	4	0.5
COR T1 FS +C	20-25	4	0.5
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist			

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Knee				
	AX T1	15	3	1
	AX T2 FS	15	3	1
	COR PD	15	3	1
	COR PD FS	15	3	1
	SAG PD	15	3	1
	SAG T2	15	3	1
	SAG PD FS (STRAIGHT)	15	3	1
	OBLIQUE COR T2	15	2	0.5
	AX T1 FS (if contrast)	15	3	1
	AX T1 FS +C	15	3	1
	COR T1 FS +C	15	3	1
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist				
Ankle				
	SAG STIR	17	3	1
	SAG T1	17	3	1
	AX T2 FS	15	3	1
	AX PD	15	3	1
	COR T2	17	3	1
	COR STIR	17	3	1
	OBL AX T2 PD (magic angle)	17	3	1
	OBL AX T2 (magic angle)	17	3	1
	AX T1 FS (if contrast)	15	3	1
	AX T1 FS +C	15	3	1
	SAG T1 FS +C	17	3	1
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist				
Ankle (Achilles)				
	SAG STIR	22	3	1
	SAG T2	22	3	1
	SAG T1	22	3	1
	AX T2 FS	15	3	1
	AX PD	15	3	1
	COR T2	17	3	1
	COR STIR	17	3	1
Foot				
	SAG STIR	16	3	1
	SAG T1	16	3	1
	COR STIR	16	3	1
	COR T1	16	3	1
	AX T2 FS	14	3	1
	AX T1	14	3	1
	AX T1 FS (if contrast)	14	3	1
	AX T1 FS +C	14	3	1
	SAG T1 FS +C	16	3	1
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist				

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Sacrum/SI Joints				
	AX T1 GLOBAL	40	5	1
	AX STIR GLOBAL	40	5	1
	SAG T2 FS	19	4	1
	SAG T1	19	4	1
	COR STIR	24	3	1
	COR T1	24	3	1
	AX T2 FS	20	4	1
	AX T1 FS PRE	20	4	1
	AX T1 FS +C	20	4	1
	SAG T1 FS +C	19	4	1
*If there is metal artifact that degrades image quality, <u>substitute</u> all T1 Fat sat sequences with T1 non fat sat or consult with Radiologist				
Myositis (Lower Extremity)				
	AX T1	40 x 50	8	1
	AX T2 Fat Sat	40 x 50	8	1
	COR T1	50	5	1
	COR STIR	50	5	1
	SAG STIR	40 x 50	5	1
* Scan both thighs at same time from top of hips to tibial plateau.				
* If ordering provider requests pelvis for gluteal muscle groups a separate pelvis MRI should be ordered.				
Myositis (Upper Extremity)				
	AX T1	20 x 20	6	1
	AX T2 Fat Sat	20 x 20	6	1
	COR T1	20 x 40	4	1
	COR STIR	20 x 40	4	1
	SAG STIR	20 x 40	4	1
* Scan above shoulder through elbow				
* Scan each humerus separate (Right and Left) and orientate to humerus				