

Anatomy: UPPER EXTREMITY  
 Sub-Anatomy: Elbow- 1.5T MR Arthrogram

- Exams **ORDERABLE- Elbow**  
 - Routine Coil: Flex coil

SEQUENCE - BASICS				VARIABLE PARAMETERS														
PLANE	SEQ	Voxel (mm)	Misc / Comment	MTX	FOV (cm)	Gap	Scan%	TR	TE		FA/TI	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz	
<b>ROUTINE</b>																		
	<b>3 plane scout</b>		Only GRE															
1	Cor T1 FS	4x0.4x0.5		384			10%	600	6-9									
2	Axial T1 FS	4x0.4x0.5		384			10%	600	6-9									
3	Cor PD FS	4x0.4x0.5		384			10%	4000	35-40									
4	Cor PD	4x0.4x0.5		384			10%	4000	40-45									
5	Sagittal T1 FS	4x0.4x0.5		384			10%	600	6-9									
6	AX T1 VIBE no FS	4x0.5x0.6					10%											
<b>↓ OPTIONAL ↓</b>																		
	<b>Ax STIR</b>	<b>4x0.4x0.5</b>	Failed fat sat			10 %		4000	30-35									

**Instructions: FOV and Coverage- Always** Try to do in superman position with elbow in the center of FOV. On coronal, cover from skin to skin. On axials, cover humeral meta-diaphyseal junction to just below radial tuberosity. On sagittals, cover from medial to common flexor tendon and lateral to common extensor tendon.

**Others-** Always put marker at the site of most pain, injury or swelling. If motion observed, stop the scan, instruct patient to lay still and repeat the sequence.

