

Anatomy: Rheumatology Wrist
 Sub-Anatomy: 3T Preferred

- Exams
 - Routine

ORDERABLE- MR Rheumatology Hand and Wrist w/wo cont.
 Coil: Flex coil to cover hand and wrist together

SEQUENCE - BASICS																
PLANE	SEQ	Slice thickness (mm)	Misc / Comment	M T X	% R F O V	Gap (mm)	Voxel size (mm)	TR	TE	F A / T I	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz
ROUTINE																
	3 plane scout		Only GRE													
1	Cor T1	3.0 x0.4x0.5				0.3		600	6-9							
2	Cor STIR	3.0 x0.4x0.5				0.3		3000	25-35							
3	Sagittal STIR	3.0 x0.4x0.5				0.3		3000	25-35							
3	AX T2 SPAIR	3.0 x0.4x0.5				0.3		3000	50							
4	Cor T2 mDIXON	3.0x0.4x0.5				0.3		3000	50							
5	AX DWI	4/0	7 b values			10%										
6	Cor mDIXON Pre	1mm iso				ISO	3D									
7	COR 4D TRAKS		25 dynamic scans													
8	Cor mDIXON Post	1mm iso				ISO	3D									
Optional																
	Cor T1 FS Post	3.0 x0.4x0.5	If fat/water swap on mDIXON													

Instructions: FOV and Coverage- ***PLEASE SCAN ONLY THE AFFECTED SIDE THAT WAS ORDERED. DO NOT SCAN BILATERALLY UNLESS ORDER STATES BOTH***

Cover from radio-carpal joint to distal phalanx – make sure to cover Distal interphalangeal joint.

Place a marker on the wrist/hand that is the affected side and document marker placement in Epic study notes.

4D TRAKS use weight based dose and start injection and scan at the same time. Make sure there is 25 dynamic scans. 2cc/sec