

Anatomy: Finger, Thumb, Hand
 Sub-Anatomy: 3T

- Exams
 - Routine

ORDERABLE- Finger, Thumb, Upper extremity, Hand
 Coil: Wrist or small surface Coil

SEQUENCE - BASICS																					
PLANE	SEQ	Slice thickness (mm)	Misc / Comment	M	%	R	F	O	V	Gap (mm)	Voxel size (mm)	TR	TE	F A/ TI	Nex Avg Acq	NS	ETL Turbo Factor	Phase Encode	Scan TIME (min)	Pixel Shift BW-kHz	
ROUTINE																					
	3 plane scout		Only GRE																		
1	Ax T2 SPAIR	3.0 x0.4x0.5								0.3		4000	50-65								
2	Cor PD FS	3.0 x0.4x0.5								ISO		3000	35-40								
3	Sag T2 Dixon	3.0 x0.4x0.5								0.3		4000	55								
4	Ax T1	3.0x0.4x0.5								0.3		600	6-9								
5	Cor T1	3.0x0.4x0.5								0.3		600	6-9								
6	Cor 3D PD VISTA	0.65mm iso								ISO		3000	40								
↓ OPTIONAL ↓																					
	Sag or Ax STIR	4 x0.5x0.6	Failed fat sat							0.5		3000	25-35								

Instructions: FOV and Coverage- Do only the region of interest in the FOV. If fingers, only do 1-3 fingers in the same FOV; If ordered hand- Image hand only from carpometacarpal joint to base of fingers. Add wrist separately if asked for. Don't do whole hand in one field of view. If pathology in distal phalanx or tuft of fingers, focus imaging FOV in that region.

Recons: 0.65mm in sagittal and axial planes

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.

