

## MR Wrist (Routine)

Last Updated: 5/2026

Name	Plane	Sequence	Slice	Gap	FOV	Matrix	TE	TR	ETL
AX T2	Axial	T2	3 mm	0 mm	8-10 cm	224 x 256	60	>3000	6-8
AX PD FATSAT	Axial	PD Fat Sat	3 mm	0 mm	8-10 cm	224 x 256	42	>3000	6-8
COR GRE	Coronal	GRE	1 mm	0 mm	8-10 cm	256 x 256	<10	>20	
COR T1	Coronal	T1	2 mm	0 mm	8-10 cm	192 x 224	15	<700	2-4
COR STIR	Coronal	STIR	2 mm	0 mm	8-10 cm	192 x 256	42	>3000	6-8
SAG T1	Sagittal	T1	2 mm	0 mm	8-10 cm	192 x 224	15	<700	2-4
SAG PD FATSAT	Sagittal	PD Fat Sat	2 mm	0 mm	8-10 cm	224 x 256	42	>3000	6-8

### Notes:

- The matrix specified is the minimum. If you have a scanner with higher bandwidth, higher field, better SNR, better coils, etc., you may consider increasing the matrix in the read direction as appropriate; you may also wish to increase the phase matrix as appropriate for your scanner, depending on the time available.
- On all sequences, use the smallest FOV possible, within the specified range, that includes all the carpal bones, distal radioulnar joint, and metacarpal bases.
- Especially on the coronal and axial PD Fat Sat images, use the smallest FOV possible. 8cm should work for most patients.
- Position the wrist as straight in the scanner as possible.
- If there imperfect fat saturation, add a QUICK coronal low-resolution STIR.

**Axial Plane:** Prescribe plane perpendicular to radial shaft. Scan from distal radial/ulnar metaphyses through proximal metacarpals. (see Figures 1 and 2)

**Coronal Plane:** Prescribe plane parallel to the line drawn through the ulnar styloid and the radial styloid: Prescribe plane parallel to the line drawn through the ulnar styloid and the radial styloid. Scan through the entire wrist. (see Figures 3 and 4)

**Sagittal Plane:** Prescribe Plane perpendicular to coronal plane. Scan through entire wrist. (see Figures 5 and 6)

Figure 1: Axial

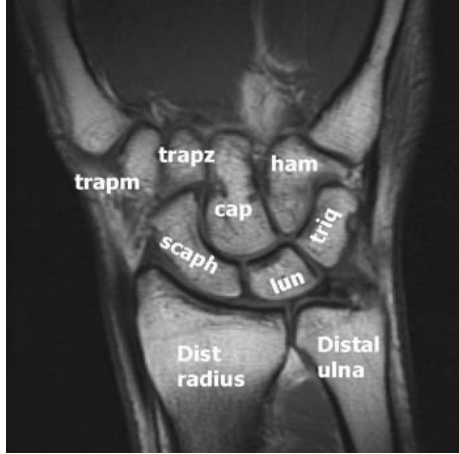


Figure 4: Coronal

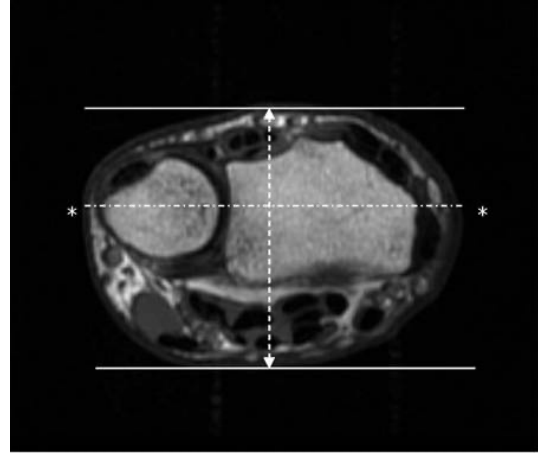


Figure 2: Axial

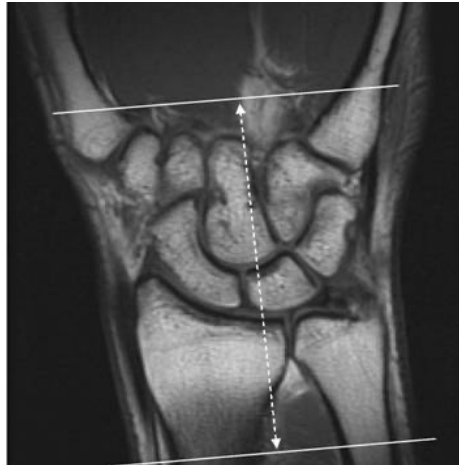


Figure 5: Sagittal

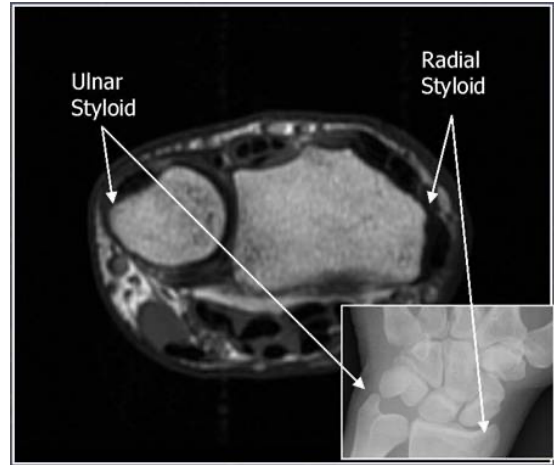


Figure 3: Coronal

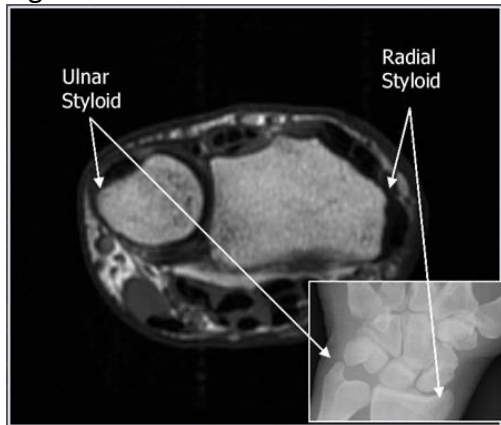


Figure 6: Sagittal

