

MRI Wrist

Updated 05/26/20

Reviewed 05/14/25

For an order for without and with IV imaging, please confirm that the exam is not for tumor or arthrogram before proceeding.

Use field-of-view (FOV) and angulations as in the images below.

Go to MRIMaster.com for a guide of proper positioning.

Routine Wrist:

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
T1	T1 AX	ax	no	3	0.5	top
PD	PD FS AX	ax	yes	3	0.5	top
T1	T1 COR	cor	no	3	0.5	front
PD	PD FS COR	cor	yes	3	0.5	front
T2	T2 FS COR	cor	yes	3	0.5	front
STIR	T2 STIR SAG	sag	no	3	0.5	lateral
DESS/PD	DESS FS COR / PD FS COR	cor	yes	1	0.0	front

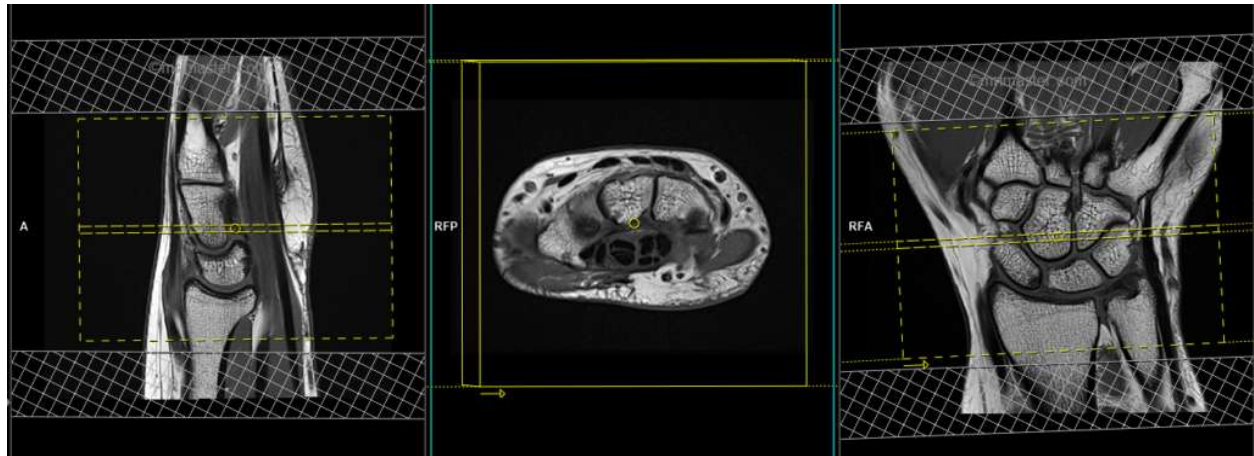
CONTRAST - 2 mL/sec standard dose gadolinium (0.2 mL/kg Clariscan or 0.1 mL/kg Gadavist) followed by 20 mL saline flush.

T1	T1 FS POST COR	cor	yes	3	0.5	front
T1	T1 FS POST AX	ax	yes	3	0.5	top

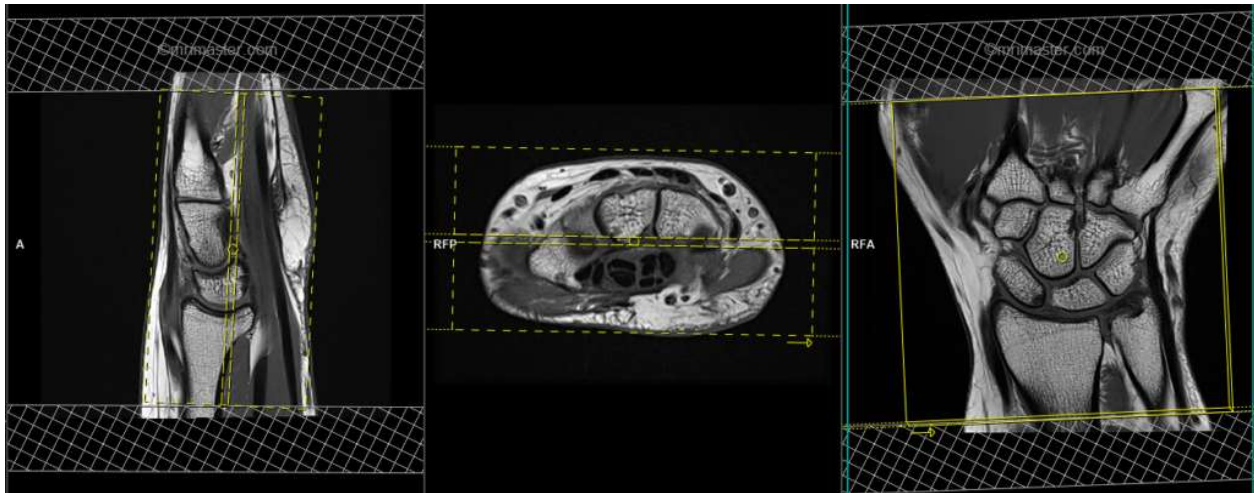
Wrist Arthrogram:

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
T1	T1 FS AX	ax	yes	3	0.6	top
T1	T1 FS COR	cor	yes	3	0.3	front
T1	T1 FS SAG	sag	yes	3	0.6	lateral
T2	T2 COR	cor	no	3	0.3	front
PD	PD FS COR	cor	yes	3	0.6	front
PD	PD FS SAG	sag	yes	3	0.6	lateral
3D MERGE	3D MERGE COR	cor	no	3	none	front

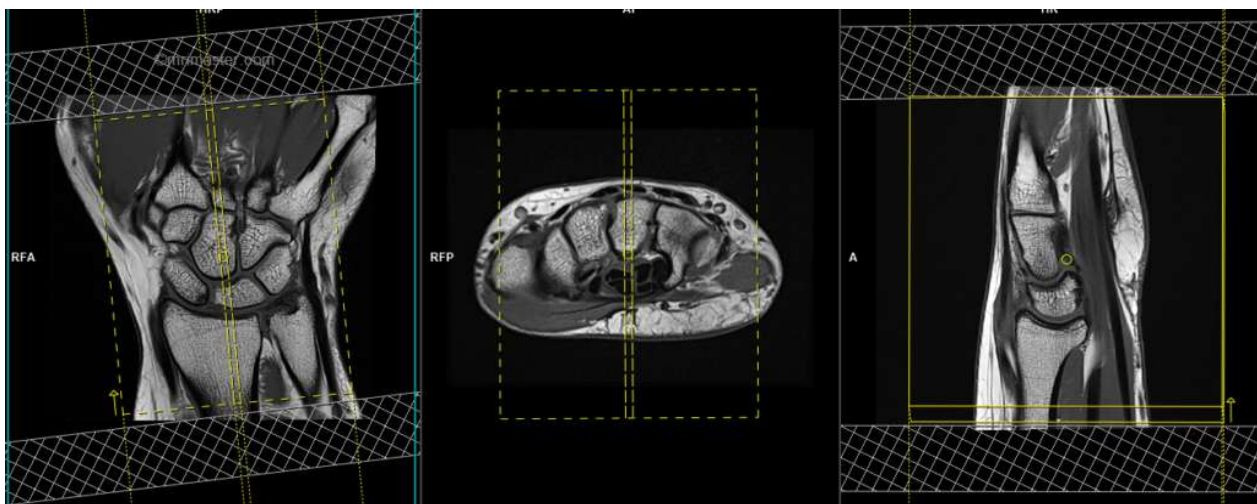
MRI Wrist



axial FOV and angulation (horizontally across the carpal bones in the coronal plane)



coronal FOV and angulation (horizontally across the carpal bones in the axial plane)



sagittal FOV and angulation (vertically across the carpal bones in the axial plane)