

MRI Pectoralis

Updated 05/28/18

Reviewed 05/14/25

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

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

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
T1	T1 SAG	sag	no	3	1	lateral
T1	T1 FS SAG	sag	yes	3	1	lateral
STIR	STIR SAG	sag	no	3	1	lateral
T1	T1 COR	cor	no	3	0.8	front
T2	T2 FS COR	cor	yes	3	0.8	front
T1	T1 AX	ax	no	4	1.5	top
T2	T2 FS AX	ax	yes	4	1.5	top

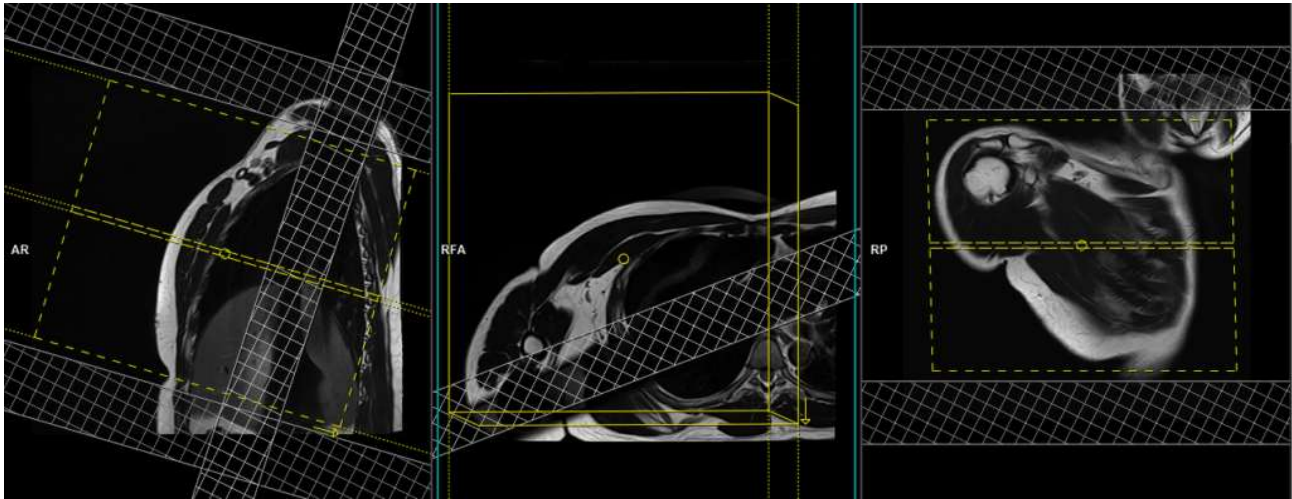
CONTRAST - 2 mL/sec standard dose gadolinium (0.2 mL/kg Clariscan or 0.1 mL/kg Gadavist) followed by 20 mL saline flush.

T1	T1 FS POST AX	ax	yes	4	1.5	top
T1	T1 FS POST SAG	sag	yes	3	1	lateral
T1	T1 FS POST COR	cor	yes	3	0.8	front

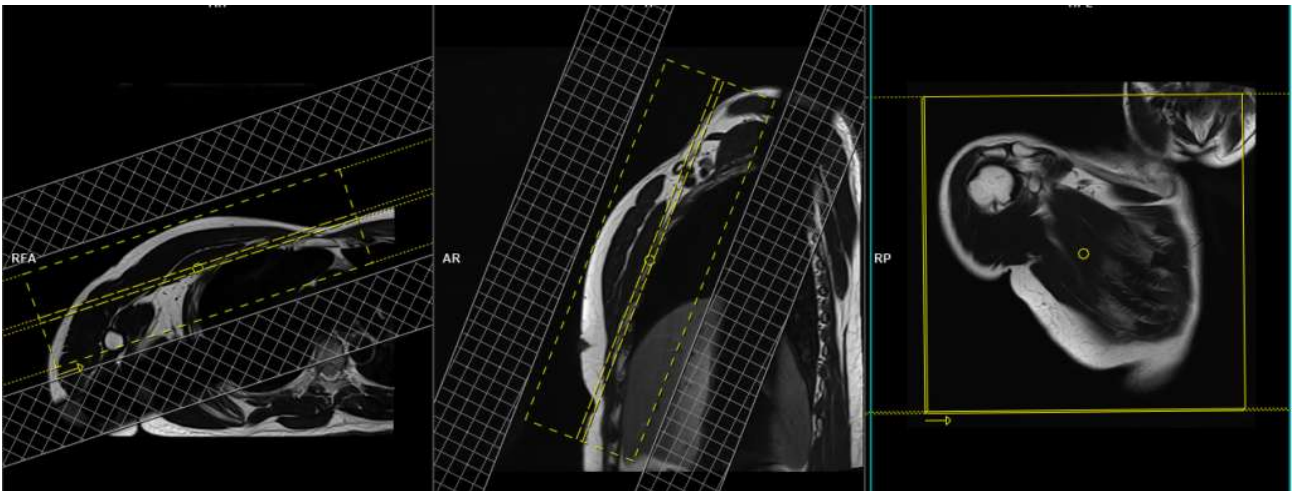
RECON:

sagittal subtractions

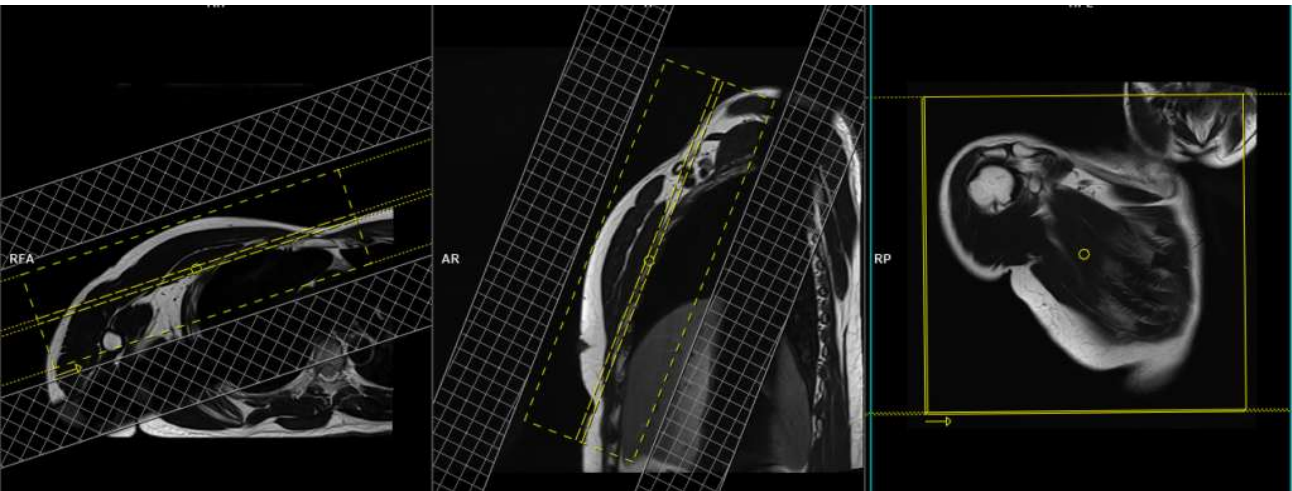
MRI Pectoralis



axial FOV and angulation (horizontally across the pectoralis muscle in the coronal plane)



coronal FOV and angulation (parallel to the pectoralis muscle in the axial plane)



sagittal FOV and angulation (perpendicular to the pectoralis muscle in the axial plane)