

MRA Runoff (Iliofemoral)

Updated
11/18/2023

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

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice	Field of View
3D FLASH T1	LOWER PRE	cor	no	1.5	0.3	front	lower legs
3D FLASH T1	THIGHS PRE	cor	no	1.5	0.3	front	thighs
3D FLASH T1	ABD/PEL PRE	cor	no	1.5	0.3	front	abdomen/pelvis

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

For the angio phase bolus track and trigger when contrast reaches the renal arteries.

3D FLASH T1	ABD/PEL POST	cor	no	1.5	0.3	front	abdomen/pelvis
3D FLASH T1	THIGHS POST	cor	no	1.5	0.3	front	thighs
3D FLASH T1	LOWER POST 1	cor	no	1.5	0.3	front	lower legs
3D FLASH T1	LOWER POST 2	cor	no	1.5	0.3	front	lower legs
3D FLASH T1	LOWER POST 3	cor	no	1.5	0.3	front	lower legs

RECONS:

abdomen/pelvis

- coronal subtractions of the angio sequence
- axial MPRs of the subtracted coronal angio sequence (3 mm thick no gap)
- horizontal MIP spinners of the subtracted coronal angio sequence

thighs

- coronal subtractions of the angio sequence
- axial MPRs of the subtracted coronal angio sequence (3 mm thick no gap)
- horizontal MIP spinners of the subtracted coronal angio sequence

lower legs

- coronal subtractions of the 1st angio sequence
- axial MPRs of the subtracted coronal 1st angio sequence (3 mm thick no gap)
- horizontal MIP spinners of the subtracted coronal 1st angio sequence