

MRI Head Venogram

Updated 05/07/25

Reviewed 05/14/25

This exam is only performed at Riverside hospital.

Riverside Protocol:

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
3D Vel MRV T2	T2 SAG	sag	no	1.4	none	left
3D Vel MRV T1	T1 SAG	sag	no	1.4	none	left
T2	T2 SAG	sag	no	3	0.5	left
3D T1	3D T1 PRE SAG	sag	no	2	none	left

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

3D T1	3D T1 PRE SAG 1	sag	no	2	none	left
3D T1	3D T1 PRE SAG 2	sag	no	2	none	left
3D T1	3D T1 PRE SAG 3	sag	no	2	none	left
*3D T1 FSPGR/MPRAGE	AX THINS	ax	no	1	none	base

RECONS:

subtractions of all 3 post contrast sequences

horizontal and vertical MIP spinners of the 1st and 2nd post contrast sequences

Other Sites Protocol:

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
3D T1	3D T1 PRE SAG	sag	no	0.9	1	left

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

3D T1	3D T1 PRE SAG 1	sag	no	0.9	1	left
3D T1	3D T1 PRE SAG 2	sag	no	0.9	1	left
*3D T1 FSPGR/MPRAGE	AX THINS	ax	no	1	none	base
T2	T2 COR	cor	no	3	0.5	back

RECONS:

subtractions of both post contrast sequences

horizontal and vertical MIP spinners of both post contrast sequences