

VENOUS HEAD					
Protocol to Use	1.4 Venogram Head				
HDI/VDI					
Patient position:	Supine Head First				
Exam specific instructions:	40 second delay post contrast injection				
Indication:	Suspected thrombosis				
Notes:	PET/CT does not perform this scan				
CONTRAST:	Oral:	None			
	IV: 75 mL	75mL Omnipaque 350 / 40ml saline flush @ 5mL/s			
 SERIES 1: Lateral Scout	GE 80 kV/10 mA				
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER (1.3)	PET CT
	OM S150/I100	OM S150/I100	OM S150/I100	OM S150/I100	
 SERIES 2: Scan caudocranial from C2 through vertex of the head					
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CT ES ER	PET CT
Scan Type	Helical	Helical	Helical	Helical	
Detector Config	40mm	40mm	64x0.625	40mm	
Rotation	0.5	0.5	0.4	0.5	
Pitch/Speed	0.984/39.375	0.984/39.375	0.984/39.375	0.516/1	
SFOV	Head	Head	Small Body	Head	
kV	120	120	120	120	
mA Range	200 - 550	550	75-650	200-400	
NI	5.2	5.2	9.9	0.4	
Prep Group	30	30	Timed	30	
DFOV	20	20	18	20	
% Dose Reduction	40	40	40	N/A	
ASIR %	40	40	30	40	
CTDI Range (mGy)	27.81	27.39		58.62	
XR29 Dose Notification (mGy)	80	80	80	80	

	Series 2 RECON 1	Series 2 RECON 2	REFORMAT 1	REFORMAT 2	REFORMAT 3
Series Descripton	Axial Venogram	Thin	MIP Sag 7X1	MIP Cor 7X1	Cor
Type	Axial	Axial	Sagittal	Coronal	Coronal
Start	Skull Base	Skull Base	Frontal Sinus	Frontal Sinus	Frontal Sinus
End	Skull Vertex	Skull Vertex	Posterior Skull	Posterior Skull	Posterior Skull
Angle	0	0	Perpendicular to Planum Sphenoidale	Perpendicular to Planum Sphenoidale	Perpendicular to Planum Sphenoidale
Image Order	Caudocranial	Caudocranial	Left to Right	Anterior to Posterior	Anterior to Posterior
Filter	Standard	Standard	Standard	Standard	Standard
Windowing	C80/W800	C80/W800	C80/W800	C80/W800	C80/W800
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	1.25	0.625	7	7	1.25
Increment (mm)	1.25	0.625	1	1	1.25
FOV in mm	20	20	24	24	24

	REFORMAT 4	RECON 9-If Needed	RECON 10-If Needed
Series Descripton	Sag	MAR ST	MAR Bone

Type	Sagittals	Axial	Axial
Start	Frontal Sinus	Skull Base	Skull Base
End	Posterior Skull	Skull Vertex	Skull Vertex
Angle	Perpendicular to Planum Sphenoidale	0	0
Image Order	Left to Right	Caudocranial	Caudocranial
Filter	Standard	Standard	Bone
Windowing	C80/W800	C40/W400	C350/W2000
Render Mode	Average	Average	Average
Slice (mm)	1.25	1.25	1.25
Increment (mm)	1.25	1.25	1.25
FOV in mm	24	24	24

Send to PACs
Approving Radiologist / Review Date: Dr. Praveen Rao 4/26/2023