Head Venogram Non-DE with 3D   Siemens go.All

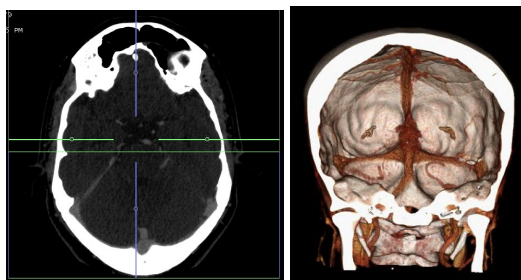| Application Examples: venous thrombosis	
Scan Protocol (See for Technical Factors)	**Head CTV**

Dual Energy is preferred protocol for CTV head exams.

Reformations: Coronal and Sagittal MIP and 3D VR views.

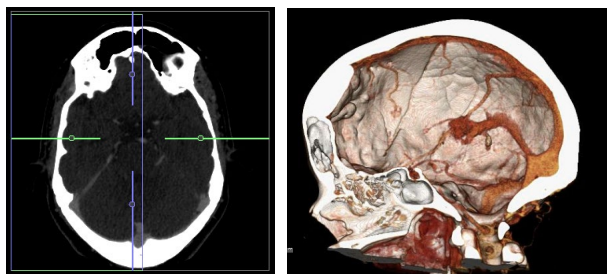1. *2x2 mm Coronal, Sagittal and Axial MIPs.*

   Series Description: **COR MIP**
   SAG MIP

2. *3D VR Views.* Double Click on thin data set to load.

There will be a total of four image captures. If anatomy and pathology cannot be demonstrated in these four views, others can be taken. Start by cropping front of skull to about petrous ridges as depicted below. Rotate image to demonstrate posterior vascular anatomy. Capture 3D VR image.

Next reset cropping back to original. Crop axial data by removing lateral half of the skull. Rotate the 3D image so that the superior sagittal sinus is visible in the lateral position. Capture 3D VR image.

Then rotate image in oblique view to demonstrate transverse sinus. Capture 3D VR image. Next reset cropping and remove the opposite lateral site. Oblique 3D VR image to demonstrate opposite transverse sinus. This projection must be done for both the left and the right transverse sinuses.
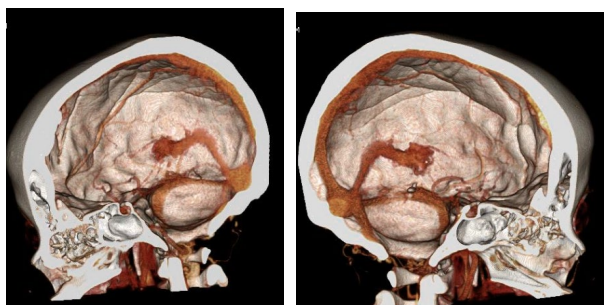

Image captures are sent to PACS as one data set. Label as 3D. This exam does not need a 3D charge added as this is built into exam.

Last updated 1/25/2021