

Stroke Protocol 10/02/2024

	Siemens	GE
Pre-contrast Brain	3 x 3 mm recon Soft Tissue	2.5 x 2.5 mm recon Standard
Head and Neck CTA	1 x 1 mm recon Soft Tissue	1.25 x 1.25 mm recon Standard
Perfusion Study		
Post-Contrast Brain	3 x 3 mm recon Soft Tissue	2.5 x 2.5 mm recon Soft Tissue

### Head and Neck CTA post processing

For optimal image quality it is necessary to create a sub mm axial data set that is used to create reformats	
0.6 x .0.6 mm CTA axial recon for Siemens scanners 0.625 x 0.625 mm CTA axial recon for GE scanners	
<b>Oblique Axial thin MIP:</b> from the base of the skull through the vertex of the head	16 mm thick x 1mm increment
<b>Coronal thin MIP:</b> from the anterior skin surface of the head and neck through the posterior skin surface of the head and neck	1mm thick x 1mm increment
<b>Sagittal Thin MIP</b> from the left lateral skin surface of the head and neck through the right lateral skin surface of the head and neck	1mm thick x 1mm increment

PACS Series should be:

	Siemens	GE
1. Pre-contrast Brain	3 x 3 mm recon Soft Tissue	2.5 x 2.5 mm recon Standard
2. Perfusion Study		
3. Head and Neck CTA	1 x 1 mm recon Soft Tissue	1.25 x 1.25 mm recon Standard
4. Thin MIP Oblique Axial	16 mm thick x 1mm increment	16 mm thick x 1mm increment
5. Thin MIP Coronal	1 x 1 mm recon Soft Tissue	1.25 x 1.25 mm recon Standard
6. Thin MIP Sagittal	1 x 1 mm recon Soft Tissue	1.25 x 1.25 mm recon Standard
7. Post-Contrast Brain	3 x 3 mm recon Soft Tissue	2.5 x 2.5 mm recon Soft Tissue