

# UTSW and PHS CT Imaging Protocol Definition

**Protocol Name:** CT Head Without - Post Angio

**UTSW:** CT BRAIN WO IV CONTRAST

**PHHS:** CT BRAIN W/O IV CONTRAST

Adult Only

**Epic Button:** Head - Post Angio

CTDIvol < 80 mGy

**Indications:** HA, stroke, HCP, AVM, bleed, malignancy, seizure, SAH, aneurysm, AMS, infection, post op Crani, psychosis, dizziness, vision disturbance.

**# Acquisitions:** 1

Active Protocol

<b>Oral Contrast:</b> None	<b>IV Contrast:</b> None	<b>Other Contrast:</b> None	<b>Airway</b>
			<p><b>Other Notes</b></p> <p>No habitus specific kVp adjustment.</p> <p>Tilt: orbital-meatal line.</p> <p>Utilize Dual Energy when available.</p> <p>Avoid excessive flexion.</p>

Last Change: 1/25/2023

Last Review: 1/24/2024

Links:

<b>Special Instructions</b>	Send soft tissue volume to PACS. Send low/hi kVp to SyngoVia	Do not repeat CT scan, recon soft tissue from 1st acquisition
<b>Acq # / Series Name</b>	<b>1</b> Noncontrast	<b>N/A</b> Noncontrast
<b>Phase Timing</b>		N/A
<b>Acquisition Protocol</b>	<a href="#">Neuro Head</a>	<a href="#">Recon Only</a>
<b>Coverage</b>	Base of skull through vertex	Same
<b>FOV</b>	200 mm	Same
<b>Algorithm</b>	Soft Tissue	Bone
<b>Axial Recons</b>	5 mm, 1 mm (volume)	5 mm
<b>Other Planar Recons</b>	3 mm coronal and sagittal	
<b>MIP Recons</b>		
<b>†DECT Philips</b>		
<b>†DECT Siemens</b>	VNC, Iodine Map, Mono-E 50, 1mm SPP	
<b>†PC-CT Siemens</b>		

† When dual energy (DE) or photon counting (PC) CT is used