

CTA CAROTID SUMMARY

Indications	Severe headaches, memory loss, slurred speech, dizziness, blurred or double vision.				
Diagnostic Task	Detect carotid aneurysms, narrowing or a blockage or arteries				
Scan mode	Helical				
Helical Set	body	thickness			recon
	recon	part	spacing	algorithm	destination
	1	neck cta thin	0.625mmx .625mm	standard	mpr/pacs
	2	coronal MIP	4mmx1mm	standard	pacs
	3	rt sag oblique MPR	1mmx1mm	standard	pacs
	4	lt sag oblique MPR	1mmx1mm	standard	pacs
5	sag neck MPR	2mmx2mm	standard	pacs	
Scan Start/end location	1cm below aortic arch				
	1cm above circle of willis				
DFOV	18cm decrease appropriately				
IV contrast volume/type	60ml isovue 370 3-4cc/sec Performed as directed by the supervising radiologist				
	contrast should be injected into RT arm if possible				
Scan Delay	Smart Prep @40mA-manually initiate scan when 110 threshold is reached				
	monitor location is the same image at 1st image of scan				