

CTA NECK HEAD SUMMARY

Indications	Severe Headache, dizziness, memory loss, slurred speech, blurred vision, weakness				
Diagnostic Task	Detect Vascular disease, aneurysm evaluation, Acute Stroke				
Scan mode	Helical				
Helical Set		body	thickness		recon
	recon	part	spacing	algorithm	destination
	1	brain thin	1.25mmx 1.25mm	standard	mpr
	2	brain	5mmx 5mm	standard	pac
	3	bone	1.25mmx1.25mm	bone	pac
	3	sag brain	1mmx1mm	standard	pac
4	coronal brain	1mmx1mm	standard	pac	
Helical Set CTA head/neck		body	thickness		recon
	recon	part	spacing	algorithm	destination
	1	cta brain	0.625mmx0.625mm	standard	pac
	2	coronal cow MIP	5mmx2mm	standard	pac
	3	sag cow MIP	5mmx2mm	standard	pac
	4	axial cow MIP	20mmx5mm	standard	pac
	5	coronal carotid MIP(arch-COW)	4mmx1mm	standard	pac
	6	rt sag oblique carotid MPR	1mmx1mm	standard	pac
	7	lt sag oblique carotid MPR	1mmx1mm	standard	pac
	8	sag neck MPR	2mmx2mm	standard	pac
	9	sag brain MPR	1mmx1mm	standard	pac
10	coronal brain MPR	1mmx1mm	standard	pac	
Scan Start/end location	NC brain 1cm below maxilla in include sinus//CTA 1cm below aortic arch				
	NC brain 1cm above skull vertex//CTA 1cm above skull vertex				
DFOV	nc brain:25cm cta:18cm				
IV contrast volume/type	60ml isovue 370 4cc/sec-Performed as directed by the supervising radiologist				
	Smart Prep @40mA-manually initiate scan when 110 threshold is reached				
Scan delay	monitor location is at the same location as 1st image of scan				