CTA BRAIN SUMMARY

Indications	Severe Headache, dizziness, memory loss, slurred speech, blurred vison, 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	pacs
	2	brain	5mmx 5mm	standard	pacs
	3	bone	1.25mmx1.25mm	bone	pacs
	3	sag brain	1mmx1mm	standard	pacs
	4	coronal brain	1mmx1mm	standard	pacs

Helical Set **CTA Brain**		body	thickness		recon
	recon	part	spacing	algorithm	destination
	1 cta brain		0.625mmx0.625mm	standard	pacs
	2 coronal cow MIP		5mmx2mm	standard	pacs
	3 sag cow MIP		5mmx2mm	standard	pacs
	4 axial MIP		20mmx5mm	standard	pacs
	5 sag brain MPR		1mmx1mm	standard	pacs
	6 coronal brain MPR		1mmx1mm	standard	pacs

Scan Start	NC brain 1cm below maxilla in include sinus//CTA two inches below base of skull
END	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
	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 at the same locaton as 1st image of scan