

CTA AORTA	
INDICATION:	ANEURYSM
FORMS	Consent to Contrast Material Pregnancy Status Form (Female Patients) Medication Reconciliation Form (Outpatients)
ORAL CONTRAST	NONE
IV CONTRAST	4-5 CC/SEC FOR 150 CC/NS 50 CC
POSITIONING	SUPINE, FEET FIRST; ARMS UP & OUT OF WAY; CENTER AT STERNAL NOTCH; INSPIRATION BREATH-HOLD
SCOUT	S60 / I 500, 120 KVP @ 10 MA, AP & LAT
TECHNIQUE –16/64/128 SLICE NONCONTRAST <i>Only to be performed if pt has had Prior thoracic surgery (stent/graft) OR having acute chest pain- please Scan entire chest.</i>	HELICAL; 2.5 MM, STD W400/L40 120 KVP @ AUTO/SMART MA – 40% ASIR SFOV – LG BODY/DFOV-FIT TO ANATOMY SCAN AREA WITH THE STENT
TECHNIQUE – 16 SLICE ANGIO	HELICAL; 0.625 MM, STD W400/L40 120 KVP @ AUTO/SMART MA – 40% ASIR SFOV – LG BODY/DFOV-FIT TO ANATOMY SMART PREP, ROI ABD AORTA AT LEVEL OF CELIAC ARTERY SCAN FROM AORTIC ARCH TO LESSER TROCHANTERS
TECHNIQUE – 64 SLICE ANGIO	HELICAL; 0.625 MM, STD W800/L100 KVP 120 @ AUTO/SMART MA-40% ASIR, SFOV-LG BODY/DFOV-FIT TO ANATOMY SCAN FROM AORTIC ARCH TO LESSER TROCHANTERS
TECHNIQUE – 128 SLICE	
RECONS	2.5 MM, STD W400/L40 2.5 MM LUNG W 1400/L-600
REFORMATIONS	CORONALS & SAGITTAL – AVG 2.5 THICK/SPACING, W800/L100 CANDY CANE VIEW 8 MM THICK/ 1.5 MM SPACING W800/L100, 3D - 360 DEGREES RT TO LT & 360 DEGREES END OVER END

PACS	SCOUT 2.5 MM -NONCONTRAST (IF DONE) 2.5 MM -CTA 2.5 MM LUNG CTA COR & CTA SAG & CTA AX MIP & CANDY CANE VIEW 3D VIEWS
CHARGE	CTA AORTA
REMARKS	SEND 0.625 MM SERIES TO SCMCB WORKSTATION #1

CTA AORTA - STENT PROTOCOL-PRE	
FORMS	Consent to Contrast Material Pregnancy Status Form (Female Patients) Medication Reconciliation Form (Outpatients)
ORAL CONTRAST	NONE
IV CONTRAST	4-5 CC/SEC FOR 150 CC, ARTERIAL PHASE SMART PREP ROI AT LEVEL OF RENAL ARTERY IN AORTA
POSITIONING	SUPINE, FEET FIRST; ARMS UP & OUT OF WAY; CENTER AT STERNAL NOTCH; INSPIRATION BREATH-HOLD
SCOUT	S60/I500, 120 KVP @ 10 MA, AP & LAT
TECHNIQUE - 16 SLICE ARTERIAL	HELICAL 2.5 MM, STD W400/L40 KVP 120@ AUTO/SMART MA-40% ASIR SFOV-LG BODY/DFOV-FIT TO ANATOMY SCAN FROM AORTIC ARCH TO LESSER TROCHANTERS
TECHNIQUE - 64 SLICE ARTERIAL	HELICAL 0.625 MM, STD W800/L100 KVP 120 @ AUTO/SMART MA-40% ASIR SFOV-LG BODY/DFOV - FIT TO ANATOMY SCAN FROM AORTIC ARCH TO LESSER TROCHANTERS
TECHNIQUE - 128 SLICE	
RECONS	16 SLICE-1.25/INT 0.625 MM STD W800/L100 16 SLICE-2.5 MM STD W400/L40 16 SLICE-2.5 MM LUNG W1400/L-600

	64 SLICE-2.5 MM STD W400/L40 64 SLICE-2.5 MM LUNG W1400/L600
REFORMATIONS	CORONALS & SAGITTAL, CANDY CANE VIEW - MIPS 8 MM THICK / 1.5 MM SPACING W800/L100 3D - 360 DEGREES RT TO LT & 360 DEGREES END OVER END
PACS	SCOUT 2.5 MM -CTA 2.5 MM - LUNG CTA COR & CTA SAG & CTA AX MIP & CANDY CANE VIEW 3D VIEWS
CHARGE	CTA AORTA CONTRAST AND SALINE USED
REMARKS	3D VIEWS ON WORKSTATION-USE PRESTENT AORTA ANALYSIS PROGRAM
CTA AORTA - STENT PROTOCOL -POST	Consent to Contrast Material Pregnancy Status Form (Female Patients) Medication Reconciliation Form (Outpatients)
ORAL CONTRAST	NONE
IV CONTRAST	4-5 CC/SEC FOR 150 CC, ARTERIAL PHASE SMART PREP ROI AT LEVEL OF RENAL ARTERY IN AORTA
POSITIONING	SUPINE, FEET FIRST; ARMS UP & OUT OF WAY; CENTER AT STERNAL NOTCH; INSPIRATION BREATH-HOLD
SCOUT	S60/I500, 120 KVP @ 10 MA, AP & LAT
TECHNIQUE – 16/64/128 NONCONTRAST	HELICAL; 5.0 MM, STD W400/L40 KVP 140 @ AUTO/SMART MA SFOT-LG BODY/DFOV-FIT TO ANATOMY SCAN THROUGH STENT
TECHNIQUE – 16 SLICE ARTERIAL	HELICAL, 2.5 MM, STD W400/L40 KVP 120 @ AUTO/SMART MA-40% ASIR SFOV-LG BODY/DFOV - FIT TO ANATOMY SCAN FROM AORTIC ARCH TO LESSER TROCHANTERS
TECHNIQUE – 64 SLICE ARTERIAL	HELICAL, 0.625 MM, STD W800/L100 KVP 120 @ AUTO/SMART MA-40% ASIR SFOV-LG BODY/DFOV – FIT TO ANATOMY

	SCAN FROM AORTIC ARCH TO LESSER TROCHANTERS
TECHNIQUE – 128 SLICE ARTERIAL	
TECHNIQUE – 16/64/128 SLICE POST 3 MIN DELAY	HELICAL; 5.0 MM, STD W400/L40 120 KVP @ AUTO/SMART MA 40% ASIR SFOV-LG BODY/DFOV – FIT TO ANATOMY SCAN THROUGH STENT 3 MIN DELAY
RECONS	16 SLICE-1.25/INT 0.625 MM STD W800/L100 16 SLICE-2.5 MM LUNG W1400/L-600 64 SLICE-2.5 MM STD W400/L40 64 SLICE-2.5 MM LUNG W1400/L600
REFORMATIONS	CORONALS & SAGITTAL, CANDY CANE VIEW - MIPS 8 MM THICK/1.5 MM SPACING W800/L100 3D- 360 DEGREE RT TO LT & 360 DEGREE END OVER END
PACS	SCOUT 5.0 MM - NONCONTRAST 2.5 MM - CTA 5 MM - DELAY 2.5 MM - LUNG CTA COR & CTA SAG & CTA AX MIP & CANDY CANE VIEW 3D VIEWS
CHARGE	CTA ABD W/WO CONT CONTRAST AND SALINE USED
REMARKS	3D VIEWS ON WORKSTATION - USE POST-STENT AORTA ANALYSIS PROGRAM