

Department: Radiology	Section: CT	Effective Date: 10/1/2013
Procedure Number: 13.12.27		Revision: 9/2015

## Neck/Chest Angio 3.12 (Smart Prep)

**Clinical Indication:** Vascular abnormality

**Patient Preparation:** None

**Orientation:** Head first

**Breathing:** Inspiration

**Oral Contrast:** None

**IV Contrast Per Weight:** 1ml/lb or 2ml/kg Visipaque 320 not to exceed 100ml injected @ 4ml/sec

**Coverage:** Arch through Sella turcica/lung apex through the adrenals

**Anatomic Reference:** Sternal notch

**Scan Delay:** Smart prep aorta

**Group 1:** Start at ARCH just above carina through above the sella Turcica\*

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
LS 16 0.8 sec Helical Full	1.25 9.37 0.938:1	1.25	Large 23	140	440 6	N	Bone Standard
VCT 0.8 sec Helical Full	1.25 9.37 0.938:1	1.25	Large 23	140	440 6	N	Bone Standard
AS 64 0.8 sec Helical	1	1	250	140	Ref MAS 250	N	Bone Standard

\*Sella can be best seen on the Lateral view of the scout.

**Algorithm:** Standard and bone. Recon 1 Standard 2 Bone 3 Standard

**0.625mm/1.25mm**

**Reformat:** Sagittal and coronal

**Network:** Recon 1 and 2 to PACS; Recon 3 to AWSERV and AWMR