 University Health™	Policy #: Rad Proc 13.12.22
SUBJECT: Soft Tissue Neck 3.4	Effective: 10/1/2013 Revised: 7/15/2016
APPROVED BY: Eduardo Gonzalez-Toledo, MD PhD	Page 1 of 2

Purpose: To provide computed tomography staff with the required protocol for performing a soft tissue neck CT.

Scope: All adults patients 18 years and older.

Procedure:

Clinical Indication: Tumor, mass, infection

Patient Preparation: None

Orientation: Head first

Breathing: Normal breathing

Oral Contrast: None

IV Contrast: Per Weight: None


Coverage: Sub-Mandibular through the carina

Anatomic Reference: Sternal notch

Scan Delay: Split bolus 50ml then 60 sec delay and additional 50ml

Start at Sub-Mandibular through the carina

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kVp	Auto mA/ Noise Index	Prep Time (sec)	Recon Type
VCT 0.8 sec Helical Full	2.5 13.75 1.375:1	2.5	Large 23	120	440 6	N	Bone Standard
LS 16 0.8 sec Helical Full	2.5 13.75 1.375:1	2.5	Large 23	120	440 6	N	Bone Standard
AS 64 1	2	2	23	120	300	N	Bone Standard

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Algorithm: Recon 1-Standard Recon at 15mm DFOV

Recon 2-Bone Recon at 15mm DFOV

Recon 3-Standard 1.25mm at 25cm DFOV

Recon 4-Bone 1.25mm at 25cm DFOV

Reformat: Sagittal and Coronal in standard and bone

Network: Recon 1, 2 and Sagittals and Coronals to PACS; Recon 3 and 4 to AWSERV