

 University Health™	Policy #: Rad Proc 13.13.12
SUBJECT: CT Navigational Chest 5.12	Effective: 10/2013 Reviewed: 03/07/2017
APPROVED BY: Body Imaging Medical Director	Page 1 of 1

Purpose: To provide computed tomography staff with the required protocol for performing CT Chest for Navigational Bronchoscopy.

Scope: All adult patients 18 years and older.

****EXAM SHOULD BE PERFORMED ON GE VCT IF POSSIBLE****

Clinical Indication: CT guided imaging to facilitate navigation during bronchoscopy

Patient Preparation: Clear liquid diet (6 hours prior to exam)

Orientation: Feet first

Breathing: Inspiration

Oral Contrast: None

IV Contrast per Weight: None

Coverage: Lung apices through lung bases

Anatomic Reference: Sternal notch

Scan Delay: N/A

Group 1:

can 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 27.50 1.375:1	1.0	Large	120	80-440 11.5	No	Standard
VCT 0.8 sec Helical Full	1.25 55.00 1.375:1	1.0	Large	120	80-600 11.5	No	Standard
AS 64 0.5 sec Helical	1 1	1	380	120	Ref MAS 250	No	Standard

Algorithm: Recon 1 -1.25 mm Recon 2-5 mm

Reformation: None

Network: Recon 1 (5mm) to PACS. Recon 2 (1.25) auto transmit to PACS and AWSERV

Notes: 1.25 images are to be put on a CD immediately following scan. CD is to be placed in the wall hanger and taken to Records Room at end of shift.