

Clinical Indications For CT Scan Of The Thorax



WASHINGTON
RADIOLOGY
ASSOCIATES, P.C.

*Recognized As Leaders
In Imaging Since 1948*

Indication

Scan Protocol

- | | |
|--|---|
| 1. Primary Lung Cancer And Staging Of Metastatic Disease* | Routine With IV Contrast |
| 2. Evaluation Of Solitary Pulmonary Nodule Seen On CXR Or Included On Abdominal CT* | Non-Contrast Limited CT Of The Chest |
| 3. Mediastinal Pathology (Adenopathy)* <ul style="list-style-type: none">■ Lymphoma■ Tumor■ Great Vessel Disease<ul style="list-style-type: none">○ Aortic Aneurysm Or Dissection■ Widening On CXR | Routine With IV Contrast
(For Great Vessel Disease, Early Phase Imaging) |
| 4. Cardiac And Pericardial Disease <ul style="list-style-type: none">■ Tumor■ Inflammation■ Pericardial Effusion | Routine With IV Contrast |

Continued on other side

* A PET Scan can be subsequently performed as clinically indicated to assess for the presence of metabolic activity within certain lung nodules and adenopathy seen by chest CT. *Non-metabolically active lymph nodes and pulmonary nodules favor a benign process.* To further assess if your patient is a candidate for PET-CT Fusion, please call the Nuclear Medicine/PET office at (202) 466-2033, press option 1 - then press 2, and ask to speak to the radiologist.

Office Locations

Virginia:

- Fairfax
- Sterling

Maryland:

- Chevy Chase
- Bethesda

Washington, DC:

- 2141 K Street, NW
- 2021 K Street, NW

**For More
Information Call
(703) 573-5472**

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5. **Pulmonary Infection And Inflammatory Disease**

- Consolidation (Pneumonia)
- Known Disease Or To Monitor Response To Therapy (e.g.)
 - Sarcoid
 - CVD
 - Bronchiectasis
 - Pneumoconiosis
 - Hypersensitivity Pneumonitis
 - IPF (Interstitial Pulm Fibrosis)
 - COPD
 - Asbestosis
 - Cystic Disease
 - Infection—Tb, PCP, MAC, etc.
- Normal CXR With Symptoms Or Abnormal PFT – To Detect Interstitial Disease

Routine With IV Contrast
High Resolution CT Scan
(If No Mediastinal Pathology Suspected,
Without IV; Otherwise With IV)

High Resolution CT Without Contrast

6. **Trauma**

Routine With IV Contrast

7. **Rule Out Pulmonary Embolism**

Routine With IV Contrast (Pulmonary
Embolism Protocol)

8. **Lung Cancer Screening**

No IV Contrast

9. **Coronary Artery Calcium Detection**

Cardiac Scoring CT – No IV Contrast