

Best Practice Guideline

Low Dose CT Screening For Lung Cancer

I. Diagnosis and Screening

- a. Low Dose CT Chest yearly for a period of two years to evaluate all patients between the ages of 55-74 who meet the following smoking criteria:
 - i. Active smoker with \geq 30-pack year smoking history
 - ii. Former smoker with \geq 30-pack year smoking history that quit less than 15 yrs ago
- b. Code that should be used to order LDCT Chest is:
 - i. Screening for malignant neoplasm of respiratory organ (V76.0)

II. Follow-up/Surveillance

- a. Using follow up protocols from the National Comprehensive Cancer Network (NCCN), the radiology department will make recommendations for additional imaging if abnormal findings are noted on the screening CT scan.
- b. Most times, the follow up imaging modality will be with Low-Dose CT technique unless otherwise specified by the radiologist.
- c. Patients with abnormal CT results will be tracked by the radiology department to insure that follow up screening is performed in the same way that they follow patients with abnormal mammograms.
- d. There should be clear documentation of refusal to be screened in the EMR for those patients who decline screening in spite of the fact that they are considered to be high risk for lung cancer.

III. References:

- a. Lung Cancer Screening Trial: <http://www.nejm.org/doi/full/10.1056/NEJMoa1102873>
- b. USPTF Grading: <http://www.uspreventiveservicestaskforce.org/Page/Name/grade-definitions>