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LOW DOSE CT LUNG CANCER SCREENING

What is Lung Cancer Screening?

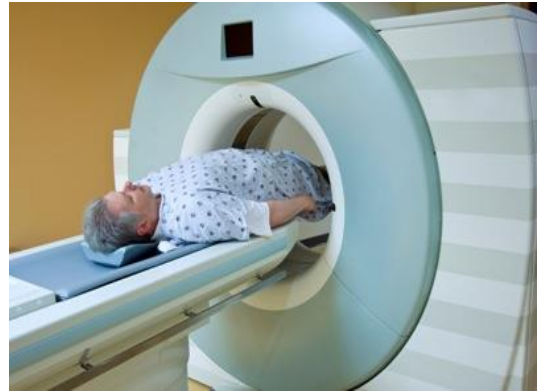
Lung cancer screening is done with low dose CT (LDCT) scans using a special technique that combines special x-ray equipment with sophisticated computers to produce multiple, cross-sectional images of the inside of the body with an extremely small amount of radiation. LDCT produces images of sufficient quality to detect many abnormalities.

The goal of screening is to detect disease at its earliest and most treatable stage.

LDCT Criteria:

1. Age between 55 to 80 years old.
2. Smoking history 30 pack years or more (equal to at least 1 pack /day for 30 years or equal to 2 packs /day for 15 years or 3 packs/day for 10 years).
3. Continuation of smoking or cessation of smoking less than 15 years.

*Patient needs to have a LDCT scan once a year if the scan remains normal until patient is over 80 years old or smoking cessation has been over 15 years.



Benefits:

- Effective for diagnosing lung cancer at its earliest, most treatable stage.
- CT is fast, painless, and noninvasive. No contrast material is required.
- No radiation remains in a patient's body after CT exam.
- Proven to reduce the number of deaths from lung cancer in patients at high risk.
- When cancer is found with screening, it is often at an early stage and patients can more often undergo minimally invasive surgery and have less lung tissue removed.