

# How Lung Cancer Screening Can Save Lives

## Why it is important to have lung cancer screening?

- If lung cancer is found at an earlier stage, when it is small and before it has spread, it is more likely to be successfully treated
- Lung cancer doesn't usually cause symptoms until the cancer has spread, which makes it difficult to treat
- Lung cancer screening reduces the risk of dying of lung cancer
- Common types of lung cancer screening are: chest x-ray, low-dose computerized tomography (LDCT) scan, biomarker testing

Lung cancer screening is usually reserved for people with the greatest risk of lung cancer, including those who:

- Have a history of heavy smoking
- Smoke now or have quit within the past 15 years
- Are between 55 and 80 years old.

High Risk Population



Refine patient for LDCT Screening

LDCT Screening/  
Chest X-ray



25% detecting a nodule

Nodule Detected



## What is nodule?

- A nodule is a "spot on the lung," seen on an X-ray or computed tomography (CT) scan.
- Lung nodules are usually caused by scar tissue, a healed infection that may never have made you sick, or some irritant in the air.
- Sometimes, a nodule can be an early lung cancer.

96%  
not  
cancer

Biomarker  
Testing



Testing for biomarkers can help you and your doctor decide the best treatments to stop the cancer from growing and spreading.

Two Ways to Test for Biomarkers:

1. Biopsy-Removes tissue from a tumor to be tested.
2. Blood test-Also known as a liquid biopsy or plasma test.

Treatment

- Radiation Therapy
- Chemotherapy
- Immunotherapy
- Targeted Therapy
- Surgery

Talk to your doctor to see if lung cancer screening is right for you.



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