

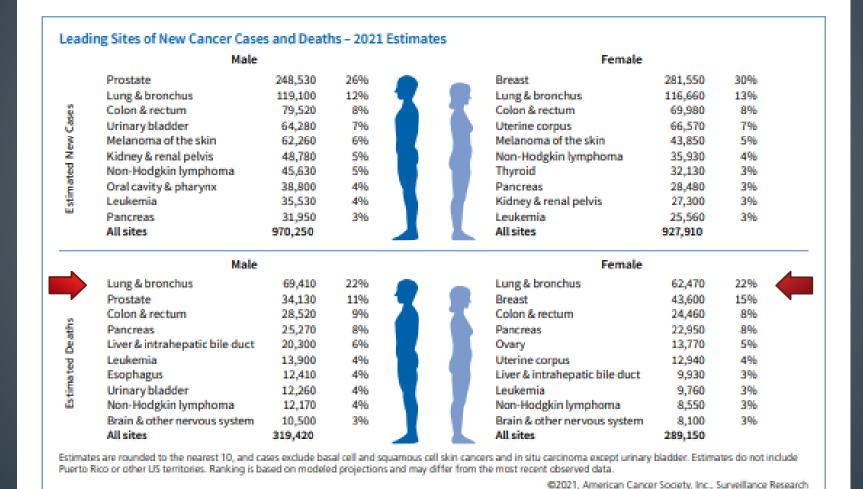
Objectives

- Understand the importance of lung cancer screening.
- Verbalize risk factors for lung cancer
- Be able to identify patients eligible for lung cancer screening.

Lung Cancer

- 2nd Leading new cancer diagnosis in men and women
- Leading cause of cancer death.
- Most early lung cancer patients have no symptoms
- Survival Rates (based on diagnosis date 2010-2016)
 - Non-Small Cell Lung Cancer
 - Localized 63%
 - Distant − 7%
 - Small Cell Lung Cancer
 - Localized 27%
 - Distant 3%

Lung Cancer Statistics



Lung Cancer Risk Factors



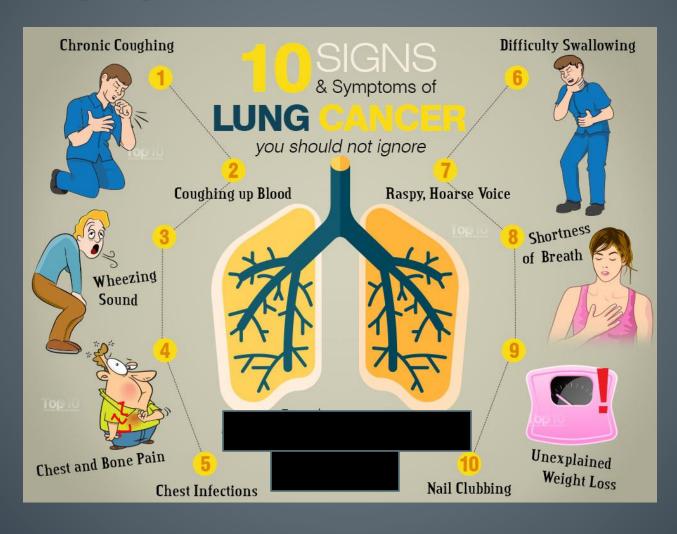
- Smoking
- Radon Exposure
 - Leading cause of lung cancer in non-smokers
- Occupational exposure
 - Asbestos
 - Diesel Fumes
 - Inhaled chemicals or minerals
- Air pollution
- Prior radiation therapy
- Personal or family history of lung cancer

Occupations at risk for lung cancer



- Automotive
- Aviation
- Construction
- First Responders
- Iron/Steel Workers
- Miners
- Plumbers
- Power Plant/Utility

Lung Cancer Symptoms



Chest x-ray vs. Chest CT



- •1 month later,
- •CT Chest showed a 9.4mm nodule in the RUL.

•This nodule was subsequently removed and the patient was diagnosed with a Stage 1b adenocarcinoma

Lung Cancer Screening

Lung Cancer Screening Facts

- Lung Cancer Screening Criteria
 - 50-80 years old
 - 20+ pack year history
 - Current smoker or quit within 15 years
 - No symptoms concerning for lung cancer
 - Screening should be stopped if patient has developed a health problem which significantly limits life expectancy or ability or willingness to undergo curative lung surgery.



Risk vs Benefits

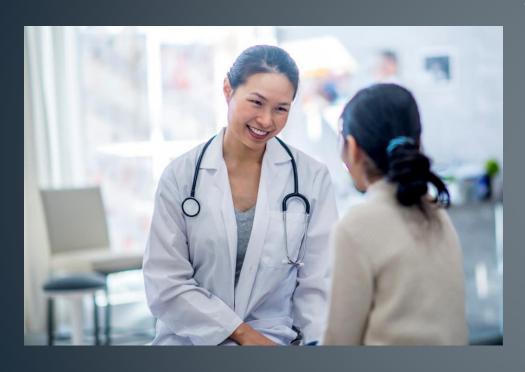
Risks

- False positive results
 - Nodule that appears suspicious but is not cancer
- False negative
- Radiation exposure

Benefits

- Diagnosis at an early stage
- Reduce lung cancer mortality by 20% compared to chest xray alone
- Incidental findings may lead to early diagnosis for other health problems

Shared Decision Making Visit Requirements



- Must be documented for Medicare Patients
 - Completed by ordering physician or qualified non-physician practitioner
 - Shared decision making counseling, using a decision aid
 - Documentation of eligibility for screening
 - Counseling on adherence to screening
 - Tobacco counseling

Smoking Cessation

- Smoking is leading preventable cause of death in the US (480,000)
- 2,577,420 adults in Florida are current smokers
- Florida has the 18th highest smoking rate in the nation



Questions?

