



Update on Lung Cancer

**Dr. James Ramsay: Chest
Consultant**



Background

- **Lung cancer is the second commonest cancer in the UK (37,000 new cases in England each year).**
- **Commonest cause of cancer death.**
- **Whilst survival rates have improved for many cancers, lung cancer survival rates remain low**
 - **< 30% 1 year survival**
 - **10% 5 year survival**
- **Earlier diagnosis improves lung cancer survival.**



What is Lung Cancer?

- Term used to describe a growth of abnormal cells inside the lung.
- Lung cancer is not one but a group of diseases.
- If the abnormal cells first start growing in the lung this called primary lung cancer.
- Lung cancer can spread to other areas of the body (metastasis).
- Common places of spread include lymph nodes, bones, liver, adrenal glands, skin and brain.



What Causes Lung Cancer?

- Tobacco smoking is the main cause of someone's lung cancer.



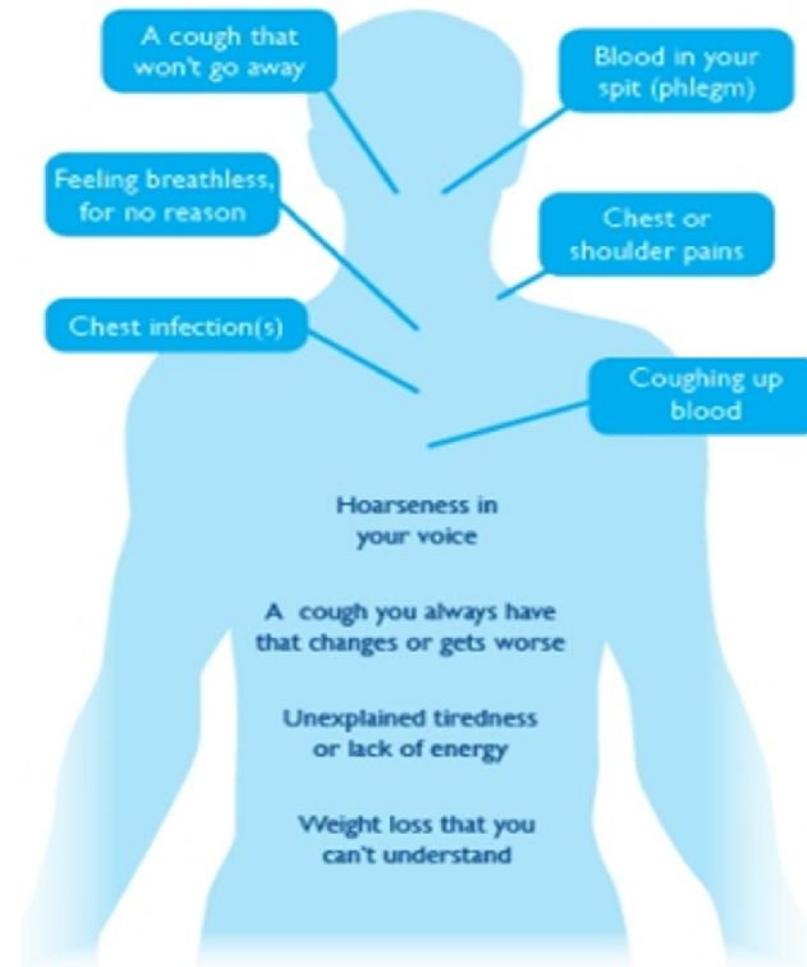
- **Other risk factors**

- Passive smoking
- Exposure to asbestos
- Poor diet and lack of exercise.





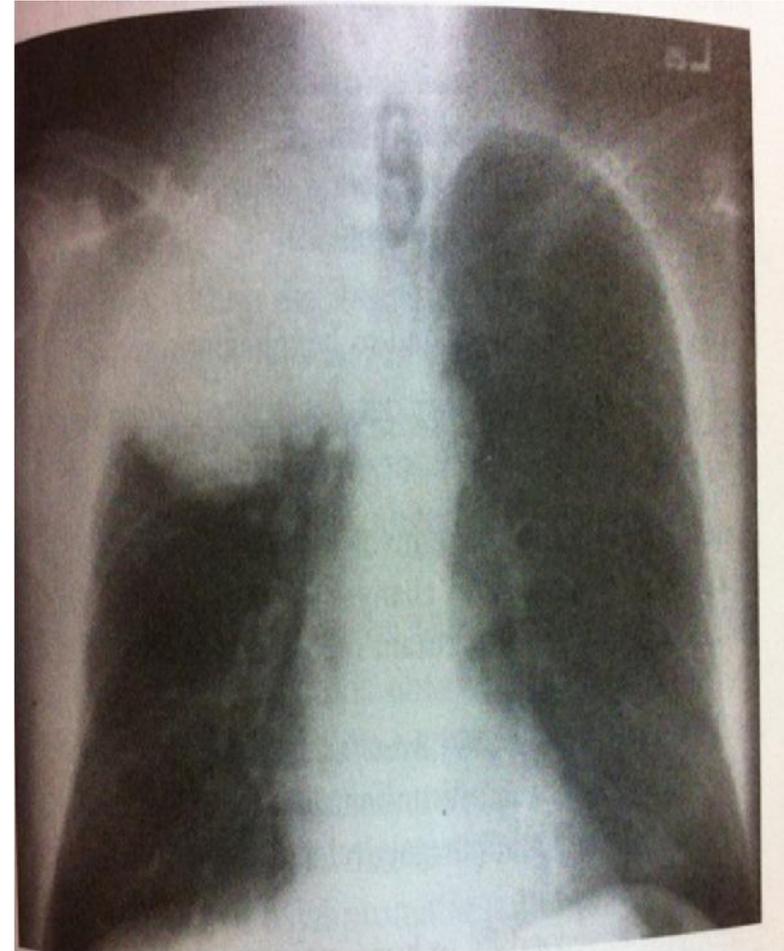
Signs and Symptoms of Lung Cancer





Diagnostic tests

- **CxR**
- **CT**
- **MRI**
- **PET**
- **Bronchoscopy / EBUS**
- **Percutaneous lung biopsy**
- **Mediastinoscopy**
- **VATs**



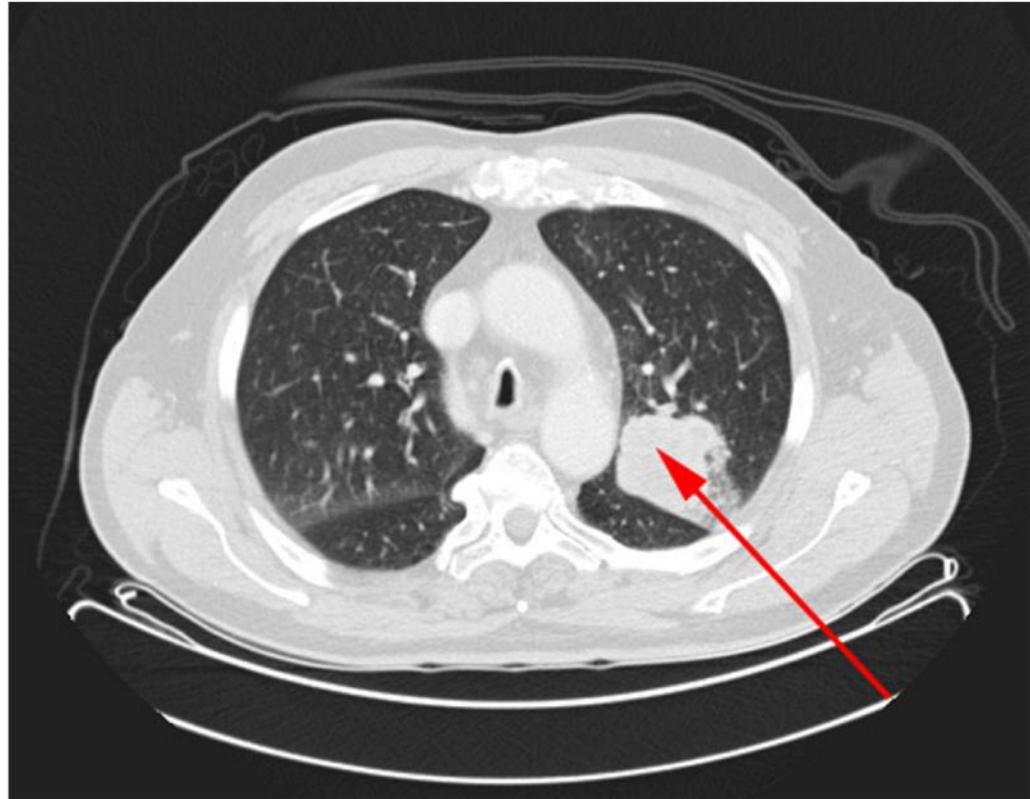
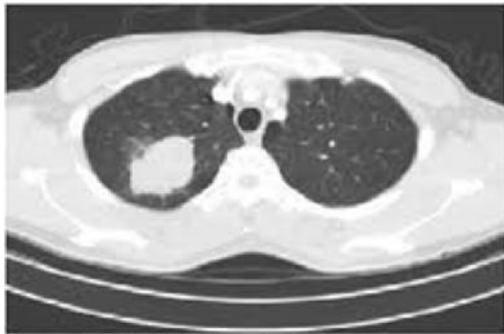
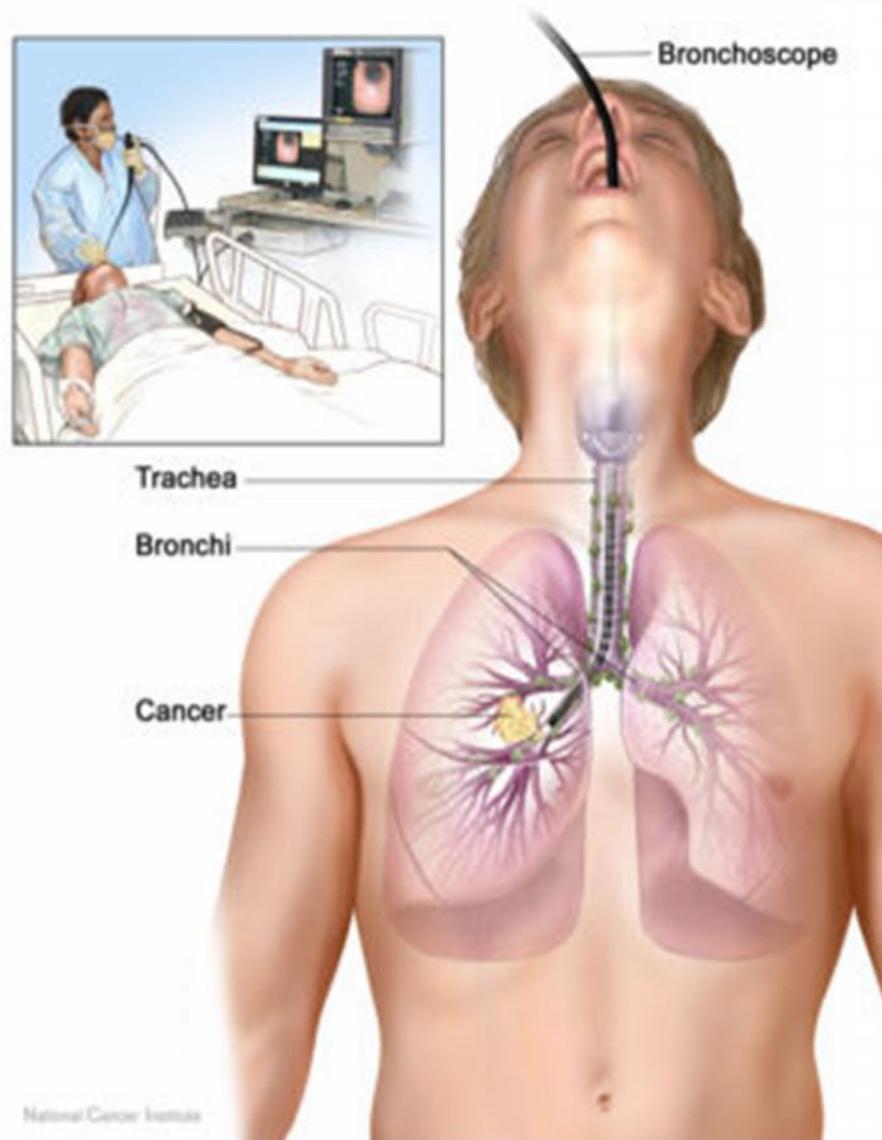


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CLINICAL EXCELLENCE, QUALITY & SAFETY



Treatments

- **Treatment is dependent on many factors:**
 - **Histology**
 - **Stage**
 - **Comorbidity and general fitness**
- **Treatment may be:**
 - **Curative**
 - **Palliative**



Treatments

- **Surgery**
- **Chemotherapy**
- **Radiotherapy**
- **Targeted therapies**
- **Immunotherapy**



Tackle Lung Cancer Early

- Lung cancer is the most preventable form of cancer death in our society.
- By quitting smoking you significantly reduce your risk of all cancers.
- Been coughing for three weeks or more?
- Tell your doctor!
- Early treatment buys time.



Thank you