

QUESTION A 60-year-old man with a long history of smoking presents with a 2-week history of coughing up blood. He has lost weight and has a persistent cough. A chest X-ray shows a mass in the right lung. What is the most likely diagnosis?

- ANSWERS**
1. Lung cancer
 2. Tuberculosis
 3. Bronchitis
 4. Pneumonia
 5. Haemoptysis

ANSWER 1. Lung cancer

The patient's symptoms and chest X-ray findings are highly suggestive of lung cancer. The most common type of lung cancer is non-small cell lung cancer (NSCLC), which accounts for about 85% of all lung cancer cases. The other 15% are small cell lung cancers (SCLC).



EXPLANATION

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REASONING

CLINICAL REASONING The patient's symptoms and chest X-ray findings are highly suggestive of lung cancer. The most common type of lung cancer is non-small cell lung cancer (NSCLC), which accounts for about 85% of all lung cancer cases. The other 15% are small cell lung cancers (SCLC).

DIFFERENTIAL DIAGNOSIS The patient's symptoms and chest X-ray findings are highly suggestive of lung cancer. The most common type of lung cancer is non-small cell lung cancer (NSCLC), which accounts for about 85% of all lung cancer cases. The other 15% are small cell lung cancers (SCLC).

KEY POINTS

CONCLUSION