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(57) Abstract :
Lung cancer is one of the leading causes of death in the world today, and early detection is essential for successful treatment. Unfortunately, many people don't get diagnosed until the cancer has progressed to a stage where treatment is much more difficult and the patient's prognosis is significantly worse. It is therefore important to understand the various methods of lung cancer detection, and how they can help to increase the chances of survival for those affected. The primary method for detecting lung cancer is through imaging tests such as Xrays, CT scans, and PET scans. These tests provide doctors with a detailed look at the size, shape, and location of the tumors, and can help to identify any abnormalities. In addition, these tests are used to rule out other potential causes of the symptoms such as pneumonia or other infections. Another common method for lung cancer detection is through a biopsy, in which a small sample of tissue is taken from the lungs and analyzed in a laboratory. This is often done if the imaging tests have revealed the presence of tumors or other abnormalities. The biopsy can help to identify the type of cancer and to determine the stage of the disease, which is important for determining the best course of treatment.

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