

HEALTH MANAGEMENT FACT SHEET

Lung cancer

Lung cancer is the third most-common cancer in the UK, with nearly 47,000 people diagnosed each year. It is rare in the under-40s, and more common in older people — with 40% of those diagnosed aged 75 or older.

The disease sees uncontrolled growth of abnormal cells in one or both lungs. The most well-known risk factor for lung cancer is smoking, but there can be other causes.

When the cancer begins in the lung tissue it is known as primary lung cancer. Cancer cells can also spread to the lungs from other parts of the body, which is known as secondary lung cancer.

Most treatment is aimed at slowing the growth of the cancer, rather than curing it.

Key takeaways

- Lung cancer is the growth of abnormal cells within the lungs
- Treatment options depend on multiple factors, including the type of treatment required — which may include surgery, radiotherapy and/or chemotherapy
- Smoking is a common risk factor and quitting is very beneficial, even after diagnosis
- Treatment can result in significant side effects, fatigue being very common
- Fitness to drive may be impacted by lung cancer

Symptoms and diagnosis

Our lungs bring oxygen from the air we breathe into our blood cells, to be delivered around our bodies. When they work correctly, we can move around freely, only becoming occasionally breathless with exercise.

In the early stages of lung cancer, the abnormal cells do not interfere with the normal working of the lungs and no symptoms are experienced.

Cancer cells block the passage of oxygen, so that it cannot easily pass through the lungs. The concentration of oxygen in the bloodstream drops, causing tiredness and breathlessness.

The cancer cells also grow within the lung tissue, bringing symptoms of persistent coughing, coughing-up blood and pain when breathing or coughing.

The first breathlessness can be subtle, such as being more breathless climbing a flight of stairs or running. Lung cancer is often only diagnosed when the other symptoms become noticeable, by which time the disease is often advanced.

Smoking (including second-hand smoke) is the biggest risk factor for lung cancer, but there are also a number of workplace risks such as asbestos, diesel exhaust fumes and certain chemicals.

Exposure to asbestos and smoking combine to drastically increase the risk of lung cancer. Stopping smoking reduces the risk of getting lung cancer significantly — and is even beneficial during treatment for the disease.



Treatment and prognosis

Lung cancer is occasionally diagnosed before any symptoms, and surgery may be offered to remove the affected area of lung. This treatment is the most likely to provide a cure.

Most people diagnosed with lung cancer will be offered radiotherapy, chemotherapy, a group of medicines known as targeted therapies or a combination of treatments. These are usually intended to slow the growth of the cancer cells.

Radiotherapy patients typically experience tiredness, weakness, difficulty swallowing and

irritated and sensitive skin over the target point.

Chemotherapy patients experience fatigue, hair loss, nausea and vomiting and a reduced immune system.

Survival rates for lung cancer are shorter than most other cancers. One-in-three people with lung cancer live for at least a year, but prognosis depends on a number of factors, including the type of cancer and the stage at which it is diagnosed.



Contact us to find out more

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 healthmanagement.co.uk

 

Useful resources

[NHS: Lung cancer](#)

[Cancer Research UK: Lung cancer](#)

[Macmillan Cancer Support:
Lung cancer](#)