

UNDERSTANDING IMMUNOTHERAPY FOR LUNG CANCER



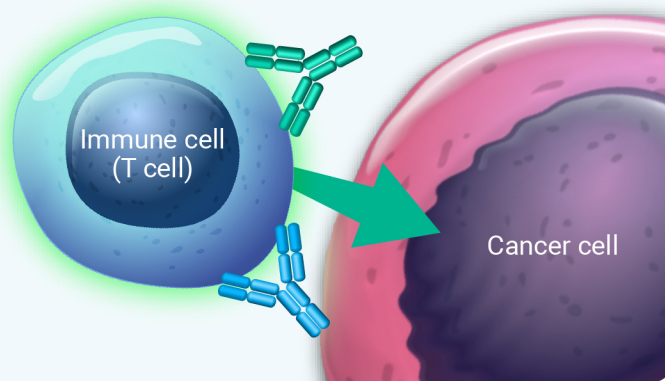
A Breath of Hope
LUNG FOUNDATION

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What is immunotherapy?

Immunotherapy is a **cancer treatment** that uses the body's immune system to fight cancer. Immunotherapy **stimulates your immune system** to **recognize and attack cancer cells**.

Immunotherapy drugs **prevent cancer cells from hiding from your immune system**. This allows your immune system to do its job and destroy them.



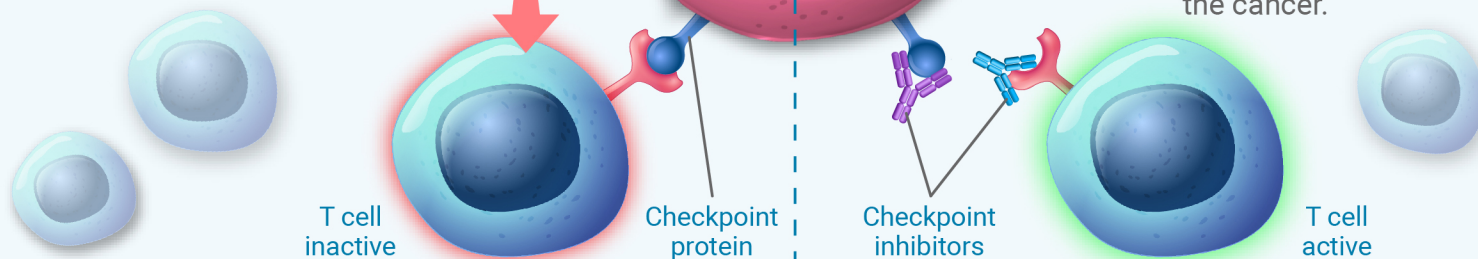
What are immunotherapy checkpoint inhibitors?

The **immunotherapy drugs** that are most often used to treat both non-small cell lung cancer (NSCLC) and small cell lung cancer (SCLC) are called **"checkpoint inhibitors"**.

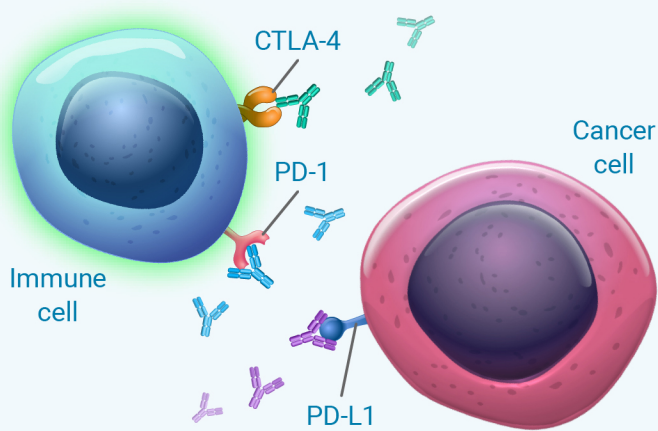
On the surface of cancer cells are **proteins** that **"put the brakes"** on the immune system. They serve as **"checkpoints"** that stop the immune system from launching an all-out assault on cancer.



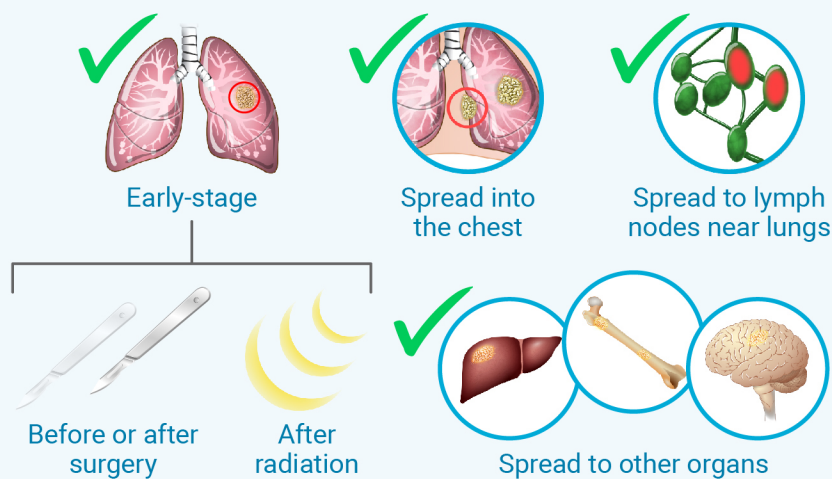
Checkpoint inhibitors work by **"taking off the brakes"** and giving the immune system free rein to release special cells called **T cells** that attack the cancer.



Checkpoint inhibitors block checkpoint proteins PD-1, PD-L1, or CTLA-4



Checkpoint inhibitors can treat lung cancer that is/has:



For more information visit:
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Developed by A Breath of Hope Lung Foundation and Mechanisms in Medicine Inc.



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