



IMMUNOTHERAPY

A NEW HOPE IN LIFE

The immune system is the body's first line of defense to protect us from germs and diseases.

This complex network of cells and tissues works to identify and eliminate foreign substances that can potentially harm the body. Immunotherapy enhances the immune system's ability to identify, attack, and destroy cancer cells.



Immunotherapy can:

EDUCATE the immune system to recognize and attack specific cancer cells

INCREASE immune cells to help your natural defense system eliminate the cancer

PROVIDE the body with additional components that will **BOOST** the immune system's ability to fight the cancer

REDUCE possible side effects by exclusively targeting cancer cells and sparing healthy cells

ELIMINATE cancer that was **RESISTANT** to prior therapy

Types of Immunotherapy



Adoptive Cell Therapy

immune cells are isolated, multiplied and/or genetically enhanced, and reintroduced into the body with increased cancer fighting capabilities.



Targeted Antibodies

scientifically customized antibodies that are created to target antigens typically found on cancer cells.



Cancer Vaccines

used to prevent and treat cancer by prompting an immune response against it.



Oncolytic Virus Therapy

genetically modified versions of viruses engineered to specifically target and attack cancer cells.



Immunomodulators

regulate the level of activity of the immune system (up or down) to help fight cancer.

The FDA has approved immunotherapy treatments for nearly 20 different cancer types. Although great strides have been made over the years, there is still much more to learn about the capability of these drugs. Immunotherapy is at the forefront of groundbreaking cancer research worldwide!

As a leader in research, Illinois CancerCare currently has clinical trials available utilizing immunotherapy alone and in combination with other therapies. To learn more about what clinical trials are best for you, speak with your physician or contact our research department at 309-243-3605. A full list of our clinical trials are located on our website, IllinoisCancerCare.com/clinical-trials.