HOW DOES CAR T CELL THERAPY WORK?

CAR T cell therapy reprograms a person's own cells to find and attack their cancer.



The CART cells are grown in the lab until there are millions of cells.

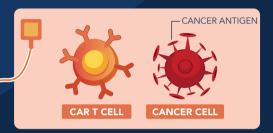


the CART cells are sent back to the patient



) Infusion:

The CART cells are then infused into the patient.





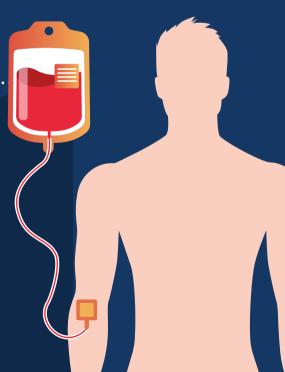
Reprogramming:

The T cells in the blood are isolated and engineered to express a CAR (Chimeric Antigen Receptor) that is specifically designed to recognize the patient's cancer.



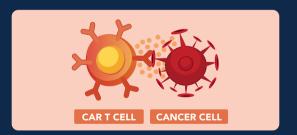
1 Leukapheresis:

Blood is drawn from a patient and transported to a manufacturing facility.



5 Finding the Cancer Cells:

The infused CART cells seek out and attach themselves to the cancer cells.



6 Cancer Cell Death:

Once the CART cells have found the cancer cells and attached themselves, they send a message to destroy or kill the cancer cells.

