THERE IS HOPE
in the fight against cancer

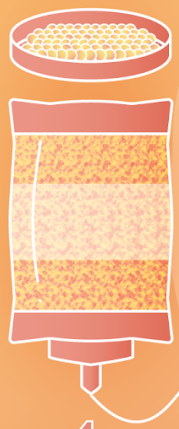
By Alexis Larson

New Technology Is Targeting Cancer Like Never Before!

1. Collect T-Cells from Patient

2. Edit T-Cell to insert molecule receptor

3. Reproduce the edited T-Cell



4. Inject edited T-Cells into patient.

5. Edited T-Cells destroy cancerous tissue, by detecting & tracking down cancerous molecules

Teaching Your Immune System To FIGHT & WIN

Cancer is fraught with fear & pain, but it doesn't have to be.

CRISPR Gene Therapy enables your own cells to be taught how to better locate, identify, & even eliminate cancer while leaving healthy tissues unharmed.

What is CRISPR Gene Therapy?

White blood cells which play a role in the body's adaptive immunue system, called T-Cells, are extracted from a sample of the patient's blood.

CRISPR Biotechnology is then used to "edit" the T-Cells' DNA, disabling genes which interfere with identifying & destroying cancer, & adding a protein receptor which detects cancerous molecules.

Once edited, the T-Cells reproduce in a lab setting, & then are reintroduced to the patient via IV injection.

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Tech 1010
Dr. Bret Swan

Design/build: Family Practice Poster (Course objective 4)

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