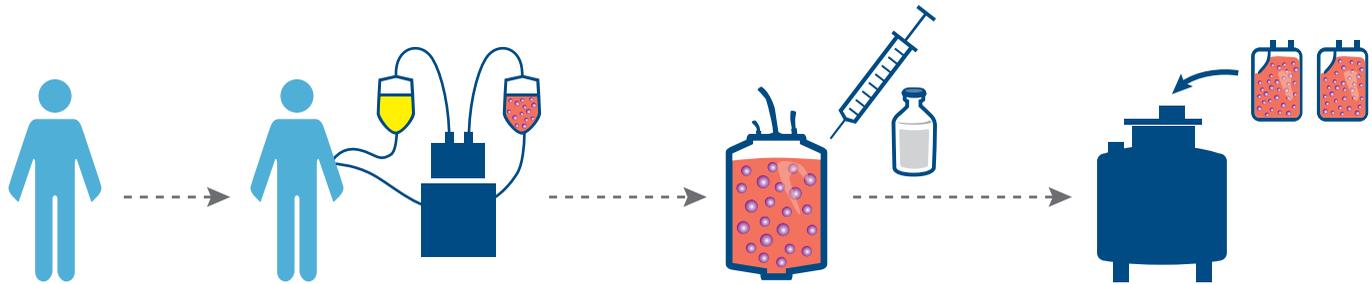


Allogeneic Related Donor Stem Cell Transplant Process



Related Donor

Collection

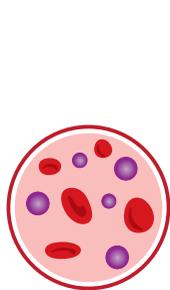
Stem cells are collected from the donor's blood or bone marrow.

Processing and Freezing

Collected stem cells are processed and frozen in the laboratory. On some occasions cells do not require freezing and are infused "fresh."

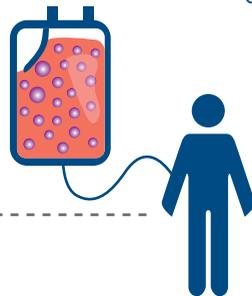
Storage

The frozen stem cells are stored in a liquid nitrogen tank until infusion day.



Engraftment

The cells move through the bloodstream and settle in bone marrow. They begin to grow and produce new red blood cells, white blood cells and platelets.



Infusion

Thawed stem cells are infused into the patient.



Chemotherapy/ Radiation

Chemotherapy and/or radiation therapy is given to the patient.

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