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

Stem cells are infused into the patient.

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.

Stem cells are collected from the donor’s blood or bone marrow. On some occasions collected cord blood is used.

Cells are transported from the collection center, anywhere in the world, to a transplant center by a qualified courier.

Collected stem cells are prepared for infusion in the laboratory. Cells are usually transplanted without freezing.