Module 1: Learn about Autologous Stem Cell Transplant

Content in this module includes:

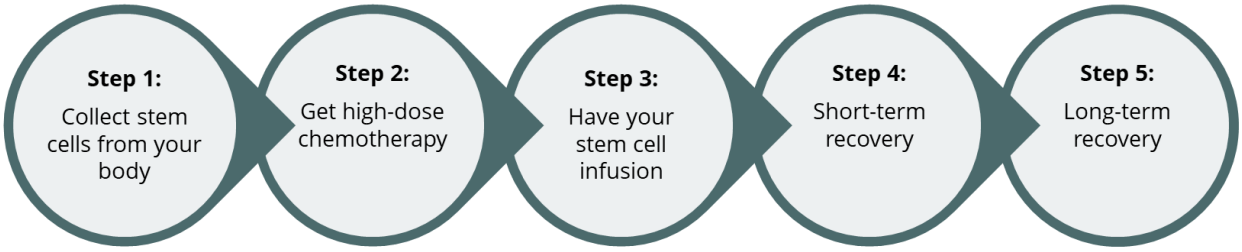
1. The purpose of an autologous stem cell transplant (auto transplant)
2. How auto transplant is done

The purpose of an autologous stem cell transplant

- An auto transplant:
  - Uses your stem cells to replace your diseased bone marrow
  - Helps your body heal after high-dose chemotherapy used to treat your cancer
- You will have Complete Blood Count (CBC) tests throughout the process

How auto transplant is done

There are five main steps in an auto transplant.



Module Summary

- The purpose of your auto transplant is to treat your cancer.
- An auto transplant involves five steps (stem cell collection, get high-dose chemotherapy, stem cell infusion, short-term recovery, long-term recovery).
- An auto transplant helps your body heal from high-dose chemotherapy or radiation.

Key words	Definition
Auto Transplant	Autologous Stem Cell Transplant
Bone Marrow	Bone marrow is the spongy tissue inside your bones. Bone marrow contains stem cells which can produce red blood cells, white blood cells and platelets
Chemotherapy	Chemotherapy uses different kinds of medicines to kill cancer cells. Chemotherapy is also called “chemo”
Engraft	Engraftment is when the infused stem cells make their way to the bone marrow and start making new blood cells
Infusion	When your stem cells are put back into your veins
Radiation	Radiation therapy (also called radiation treatment) uses high energy x-rays to kill cancer cells
Short-term Recovery	Short-term recovery is the 2-3 weeks after your transplant while you are having side effects and waiting for your infused stem cells to engraft