

## **STEM CELL TRANSPLANTATION**

Mrs. A. Latha  
M.Sc (N), HOD,  
Medical Surgical Nursing,  
Narayana College of Nursing, Nellore.

Abstract: Stem cell transplants are sometimes used to treat lymphoma patients who are in remission or who have a relapse during or after treatment. Although only a small number of patients with lymphoma are treated with this therapy, this number is growing. Stem cell transplants allow to use higher doses of chemotherapy (and sometimes radiation) than would normally be tolerated. High-dose chemotherapy destroys the bone marrow, which prevents new blood cells from being formed. This could lead to life-threatening infections, bleeding, and other problems due to low blood cell counts. Stem cells are very primitive cells that can create new blood cells.