

Hepatocytes

Liver-cell

Hepatocytes are a sample of stable cells. These cells will regenerate in the form of compensatory hyperplasia due to partial resection. Extra cells will be produced by each hepatocyte and then will continue to a quiescence state.

Labile

Label

Labile cells are a type of cell that never go to G0 in the cell cycle. These cells divide rapidly with a short G1. These are a common cell affected by chemotherapy.

Never Go to GO

Never Go to Gangster (O)

Labile never goes to the G0 phase in the cell cycle.

Skin

Skin-suit

Labile cells are the cells that continue to regenerate and possess stem cells. These cells are skin, bone marrow, hair follicles, germ cells, and gut epithelium.

Hair

Hair

Hair within epithelial tissue divides continuously. Therefore, a common side effect affected of chemotherapy is hair loss.

Bone Marrow

Red Bone Marilyn-Monroe

Bone marrow is an example of a labile cell, and it can also be affected by chemotherapy, resulting in bone marrow suppression.

Germ Cells

German-cells

Chemotherapy will affect most of the types of labile cells, including germ cells.