

Concept 9.4

Cancer cells grow and divide out of control.

Tumors and Cancer:

Benign tumors - an abnormal mass of essentially normal cells.

Malignant tumors - masses of cells that result from the reproduction of cancer cells.

Cancer - a disease caused by the severe disruption of the mechanisms that normally control the cell cycle. This disruption leads to uncontrolled cell division, which if unchecked can result in death.

Metastasis - The spread of cancer cells beyond their original site.

Cancer Treatment:

- Removal by surgery
- Radiation therapy or chemotherapy