Tumor: is an autonomous new growth of tissue, nature of tumor is different from the normal tissue, it’s something new and foreign to the organism in which it occurs.

Cancer is usually refers to malignant case.

Term neoplasm means new growth.

Neoplasia is formation of new tissue.

Tumor is recognized by inspection, palpation in some cases color of tumor varies from other healthy blood content determine the color.

On palpation some tumor or hard (stony) in case of bone tumor some soften by edema, hemorrhage, necrosis, cyst formation, some been hard from fibrosis or calcification, ulceration frequently seen in tumor of skin and mucous membranes.

When ulceration occur transfer from harmless to fatal through local or general infection and hemorrhage.

Tumor has independent maner of growth. Proliferation tumor in a gland may be reflected by excessive activity.

Tumor or mass has no activity, its parasitic in nature in dermis all blood supply from the host. Benign &malignant tumors can be differentiated as follows:

|  |  |
| --- | --- |
| benign | malignant |
| capsulated | infiltrative |
| Resembles tumor from which it (grows) originated | Different from the originated tumor |
| Grows slowly | Grows rapidly (faster) |
| Not fatal unless it interfere with function of vital structure due to its size. | Fatal (end termination) |
| Pedenculated (movable) | Fixed to the tissue |
| Can be completely removed with no tendency to recur | Cannot be completely removed been infiltrative in tissue the remaining tumor Cells cause metastasis.removal should be early and complete. |

Metastasis means there is dissemination of neoplastic cells into other portions of body. It may occur through lymphatic system or blood stream.

Diagnosis- first, swelling or and enlargement, abnormal bloody discharge, palpation, fine needle aspirate,radiography,computed tomography,magnetic resonance imaging, Tissue biopsy for histopathological exam.

Treatment.

Early complete surgical removal, some are highly vascular, precautions should be taken to prevent shock.in case of malignant tumors surgical excision should followed by radiotherapy, or chemotherapy or both .