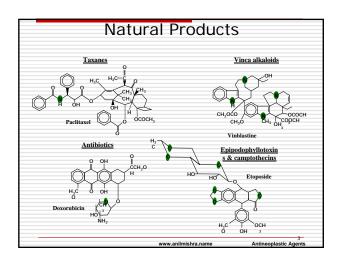
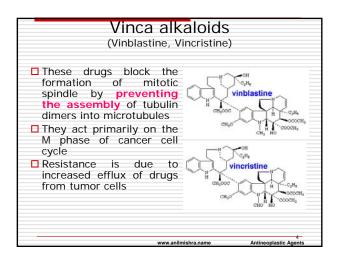
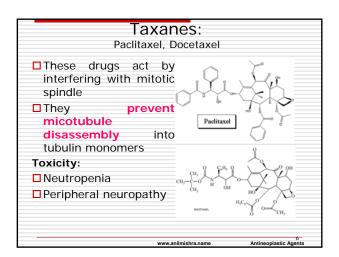


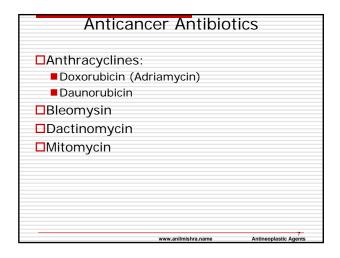
Class of natural product	Drugs in class	Disease
1. Vinca alkaloids	Vinblastine Vincristine Vinorelbine	Hod/Non-hod lym Mainly solid tumors
2. Taxanes	Paclitaxel [Taxol] Docetaxel	Solid
3. Epipodophyllotoxins	Etoposide Teniposide	Solid
4. Camptothecins	Topotecan Irinotecan	Solid
5. Antibiotics	Actinomycin D Daunorubicin Doxorubicin Bleomycin Mitomycin C	Solid
6. Enzymes	L-Asparaginase	Leu [ALL]

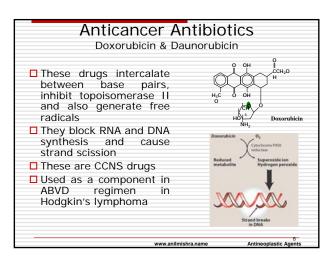


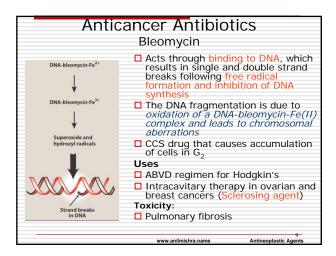


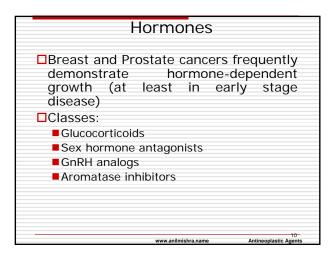
	alkaloids ne, Vincristine)
V in B lastine	VinCristine (oncovan)
Uses Hodgkin's disease Lymphomas Carcinoma Breast Testicular tumors Toxicity: Bone marrow suppression, anorexia, nausea, vomiting & Diarrhea, Alopecia	Uses Childhood leukemias Childhood tumors-Wilm's tumor, Neuroblastoma, Hodgkin's disease Toxicity: Peripheral neuritis with Paresthesia, Muscle weakness Vincristine has marrow sparing effect

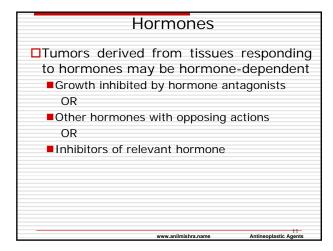


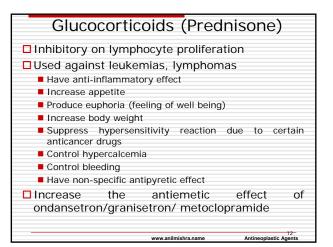












Hormones Estrogens Block androgen effects (ex: fosfestrol) Used to recruit cells in G0 → G1, so better targets for cytotoxic drugs Progestogens (ex: megestrol, medroxyprogesterone) Used in endometrial, renal tumors

