Cancer Treatment Tables

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Cancer is treated with a wide variety of drugs. The following tables contain descriptions of the drugs described on the CancerQuest website. They are not intended to be comprehensive lists of cancer drugs. Instead, they provide easy ways to find information on some of the most common cancer treatments. It is possible for a drug to appear in more than one table.

This section contains the following tables :

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- Targeted Therapies
- Complementary and Alternative Medicine (CAM)

Chemotherapy Drugs

Below is a table of chemotherapy drugs discussed in this website. To go directly to the page where a particular drug is discussed, click on the name. For an explanation of the type of drug, click on the type of chemotherapy listed. If you have trouble finding a particular drug, go to edit on your browser and use the Find on Page feature.

Generic Name	Brand Name	Type of Chemotherapy
Arabinosylcytosine (ARA-C), Cytarabine	Cytosar-U®	Antimetabolite
Bleomycin	Blenoxane®	Other
Busulfan	Myleran®	Genotoxic Agent
Capecitabine	Xeloda®	Antimetabolite
Carboplatin	Paraplatin®	Genotoxic Agent
Carmustine	Bicnu®, Gliadel®	Genotoxic Agent
Chlorambucil	Leukeran®	Genotoxic Agent
Cisplatin	Platinol®, IntraDose®(Cisplatin; Collagen; Epinephrine)	Genotoxic Agent
Cyclophosphamide	Cytoxan®, Cytoxan®IV, Neosar®, Procytox®	Genotoxic Agent
Dacarbazine	DTIC-Dome®	Genotoxic Agent or Antimetabolite
Daunorubicin	Cerubidine	Genotoxic Agent
Docetaxel	Taxotere®	Spindle Inhibitor
Doxorubicin	Adriamycin®, Rubex®, Doxil®, Caelyx®, Myocet™	Genotoxic Agent
Epirubicin	Ellence®	Genotoxic Agent
Etoposide	Etopophos®, Vepesid®, Toposar®, VP-16®	Genotoxic Agent
Fludarabine	Fludara®	Antimetabolite
5-Fluorouracil	Adrucil®, Carac®, Fluoroplex®, Efudex®(Injection)	Antimetabolite
Gemcitabine	Gemzar®	Antimetabolite

Hydroxyurea	Hydrea®	Other
Idarubicin	Idamycin PFS®	Genotoxic Agent
Ifosfamide	Ifex®	Genotoxic Agent
Irinotecan	Camptosar®	Genotoxic Agent
Lomustine	CeeNU®	Genotoxic Agent
Mechlorethamine	Mustargen®	Genotoxic Agent
Melphalan	Alkeran®	Genotoxic Agent
6-Mercaptopurine (6-MP)	Purinethol®, Puri-Nethol®	Antimetabolite
Methotrexate	Rheumatrex®, Trexall®, Mexate®, MTX	Antimetabolite
Mitomycin C	Mutamycin®	Genotoxic Agent
Mitoxantrone	Novantrone®	Genotoxic Agent
Oxaliplatin	Eloxatin®	Genotoxic Agent
Paclitaxel	Taxol®, Onxol™, Paxene®	Spindle Inhibitor
Streptozocin	Zanosar®	Other
Temozolomide	Temodar®	Genotoxic Agent
6-Thioguanine	Tabloid®, Lanvis®	Antimetabolite
Topotecan	Hycamtin®	Genotoxic Agent
Vinblastine	Velban®, Velbe®	Spindle Inhibitor
Vincristine	Oncovin®, Vincasar PFS®, Vincrex®	Spindle Inhibitor
Vindesine	Eldisine®, Fildesin®	Spindle Inhibitor
Vinorelbine	Navelbine®	Spindle Inhibitor

More information on these drugs can be found at the FDA Approved Oncology Drugs website and/or the Harrison's Principles of Internal Medicine Online. This site is only available to those with a subscription. A hardcopy version of the book is available from McGraw Hill Publishers

Hormonal, Biological, and Antibody-based Treatment Tables

Hormonal Treatments

This table lists the hormonal treatments discussed in this website. To go directly to the page where a particular drug is discussed, click on the name. If you have trouble finding a particular drug, go to edit (or press Ctrl+F or Apple+F) on your browser and use the Find on Page feature.

Generic Name	Brand Name	Type of Hormonal Treatment
Anastrozole	Arimidex®	Aromatase Inhibitor
Bicalutamide	Casodex®	Exemestane
Exemestane	Aromasin®	Aromatase Inhibitor
Flutamide	Eulexin®	Specific Androgen Receptor Modulator (SARM)
Fulvestrant	Faslodex®	Estrogen Receptor Down-Regulator
Letrozole	Femara®	Aromatase Inhibitor

Megestrol	Megace®	Additional Hormonal Treatments
Raloxifene	Evista®	Selective Estrogen Receptor Modulator (SERM)
Tamoxifen	Nolvadex®	Selective Estrogen Receptor Modulator (SERM)
Toremifene	Fareston®	Selective Estrogen Receptor Modulator (SERM)

Biological Treatments

Generic Name	Brand Name	Type of Drug
Aldesleukin, Interleukin-2 (IL-2)	Proleukin®	BRM
Alpha Interferon	Intron®, Roferon®-A	BRM
Imiquimod	Aldara®	BRM
Lenalidomide	Revlimid®	BRM

Antibody Treatments

Generic Name	Brand Name	Type of Drug
Alemtuzumab	Campath®	Antibody
Bevacizumab	Avastin®	Antibody
Gemtuzumab	Mylotarg®	Antibody
Ibritumomab	Zevalin®	Antibody
Rituximab	Rituxan®, Mabthera®	Antibody
Tositumomab	Bexxar®	Antibody
Trastuzumab	Herceptin®	Antibody

More information on these drugs can be found at the FDA Approved Oncology Drugs website and/or the Harrison's Principles of Internal Medicine Online. This site is only available to those with a subscription. A hardcopy version of the book is available from McGraw Hill Publishers

Targeted Therapies

The table below lists targeted therapy drugs discussed on this website. To go directly to the page where a particular drug is discussed, click on the name. If you have trouble finding a particular drug, go to edit (or press Ctrl+F) on your browser and use the Find on Page feature.

Generic Name	Brand Name	Mechanism of Action
Asparaginase	Elspar®	Enzyme Activator
Bevacizumab	Avastin®	Angiogenesis Inhibitors
Bexarotene	Targretin®	Drug that Affects a Molecular Receptor
Bortezomib	Velcade®	Proteosome Inhibitor
Denileukin diftitox	ONTAK®	Drug that Affects a Molecular Receptor
Gefitinib	Iressa®	Kinase Inhibitor
Imatinib Mesylate	Gleevec®, Glivec®	Kinase Inhibitor

Lapatinib	Tykerb®	Kinase Inhibitor
Sorafenib	Nexavar®	Kinase Inhibitor
Sunitinib	Sutent®	Kinase Inhibitor

More information on these drugs can be found at the FDA Approved Over the Counter and Prescription Drugs website and/or the Harrison's Principles of Internal Medicine Online. This site is only available to those with a subscription. A hardcopy version of the book is available from McGraw Hill Publishers

More information on this topic may be found in Chapter 16 of The Biology of Cancer by Robert A. Weinberg.

Complementary and Alternative Medicine (CAM)

CAM Classification	CAM Therapy
Animal Derived	Coenzyme Q10, Shark Cartilage
Mind-Body Techniques	Hypnosis, Prayer, Spirituality, Support Groups, Yoga, Tai Chi
Phytochemicals	Anthocyanin, Cannabis and Hemp Oil, Curcumin, EGCG, Lycopene, Phytoestrogens, Pycnogenol, Resveratrol, Selenium, Essiac®, Flor-Essence®
Product / Treatment Plan	Controlled Amino Acid Therapy, Essiac®, Flor-Essence®, Homeopathy
Man-made chemicals	DCA

Biological Process Affected	CAM Therapy
Angiogenesis	Curcumin, DCA, EGCG, Shark Cartilage, Resveratrol
Apoptosis	Anthocyanin, Curcumin, DCA, EGCG, Lycopene, Resveratrol, Selenium
Inflammation	Anthocyanin, Pycnogenol
Metabolism	DCA
Metastasis	Curcumin, Resveratrol
Oxidation (i.e. Antioxidants)	Anthocyanin, Curcumin, EGCG, Essiac®, Flor-Essence®, Lycopene, Phytoestrogens, Pycnogenol
Proliferation	Anthocyanin, Coenzyme Q10, Curcumin, EGCG, Selenium