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.

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- Hormonal, Biological, and Antibody-based Treatment Tables
- 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®	<u>Antimetabolite</u>
Bleomycin	Blenoxane®	<u>Other</u>
Busulfan	Myleran®	Genotoxic Agent
Capecitabine	Xeloda®	<u>Antimetabolite</u>
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
<u>Dacarbazine</u>	DTIC-Dome®	Genotoxic Agent or Antimetabolite
<u>Daunorubicin</u>	Cerubidine	Genotoxic Agent
<u>Docetaxel</u>	Taxotere®	Spindle Inhibitor
Doxorubicin	Adriamycin®, Rubex®, Doxil®, Caelyx®, Myocet™	Genotoxic Agent
<u>Epirubicin</u>	Ellence®	Genotoxic Agent
<u>Etoposide</u>	Etopophos®, Vepesid®, Toposar®, VP-16®	Genotoxic Agent
<u>Fludarabine</u>	Fludara®	<u>Antimetabolite</u>
5-Fluorouracil	Adrucil®, Carac®, Fluoroplex®, Efudex® (Injection)	<u>Antimetabolite</u>
<u>Gemcitabine</u>	Gemzar®	<u>Antimetabolite</u>
<u>Hydroxyurea</u>	Hydrea®	<u>Other</u>
Idarubicin	Idamycin PFS®	Genotoxic Agent
<u>Ifosfamide</u>	lfex®	Genotoxic Agent
<u>Irinotecan</u>	Camptosar®	Genotoxic Agent
<u>Lomustine</u>	CeeNU®	Genotoxic Agent
<u>Mechlorethamine</u>	Mustargen®	Genotoxic Agent
<u>Melphalan</u>	Alkeran®	Genotoxic Agent

6-Mercaptopurine (6-MP)	Purinethol®, Puri-Nethol®	<u>Antimetabolite</u>
<u>Methotrexate</u>	Rheumatrex®, Trexall®, Mexate®, MTX	<u>Antimetabolite</u>
Mitomycin C	Mutamycin®	Genotoxic Agent
<u>Mitoxantrone</u>	Novantrone ®	Genotoxic Agent
<u>Oxaliplatin</u>	Eloxatin®	Genotoxic Agent
<u>Paclitaxel</u>	Taxol®, Onxol™, Paxene®	Spindle Inhibitor
Streptozocin	Zanosar®	<u>Other</u>
<u>Temozolomide</u>	Temodar®	Genotoxic Agent
6-Thioguanine	Tabloid®, Lanvis®	<u>Antimetabolite</u>
<u>Topotecan</u>	Hycamtin®	Genotoxic Agent
<u>Vinblastine</u>	Velban®, Velbe®	Spindle Inhibitor
<u>Vincristine</u>	Oncovin®, Vincasar PFS®, Vincrex®	Spindle Inhibitor
<u>Vindesine</u>	Eldisine®, Fildesin®	Spindle Inhibitor
<u>Vinorelbine</u>	Navelbine®	Spindle Inhibitor

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

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
<u>Anastrozole</u>	Arimidex®	Aromatase Inhibitor
<u>Bicalutamide</u>	Casodex®	Exemestane
Exemestane	Aromasin®	Aromatase Inhibitor
<u>Flutamide</u>	Eulexin®	Specific Androgen Receptor Modulator (SARM)
Fulvestrant	Faslodex®	Estrogen Receptor Down-Regulator
<u>Letrozole</u>	Femara®	Aromatase Inhibitor
Megestrol	Megace®	Additional Hormonal Treatments
<u>Raloxifene</u>	Evista®	Selective Estrogen Receptor Modulator (SERM)
<u>Tamoxifen</u>	Nolvadex®	Selective Estrogen Receptor Modulator (SERM)
<u>Toremifene</u>	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
<u>Imiquimod</u>	Aldara®	BRM
<u>Lenalidomide</u>	Revlimid®	BRM

Antibody Treatments

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

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Targeted Therapies

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Generic Name	Brand Name	Mechanism of Action
<u>Asparaginase</u>	Elspar®	Enzyme Activator
Bevacizumab	Avastin®	Angiogenesis Inhibitors
<u>Bexarotene</u>	Targretin®	Drug that Affects a Molecular Receptor
<u>Bortezomib</u>	Velcade®	Proteosome Inhibitor
Denileukin diftitox	ONTAK®	Drug that Affects a Molecular Receptor
<u>Gefitinib</u>	Iressa®	Kinase Inhibitor
<u>Imatinib Mesylate</u>	Gleevec®, Glivec®	Kinase Inhibitor
<u>Lapatinib</u>	Tykerb®	Kinase Inhibitor
<u>Sorafenib</u>	Nexavar®	Kinase Inhibitor
<u>Sunitinib</u>	Sutent®	Kinase Inhibitor

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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

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