Cancer Treatment Tables

Printed from https://www.cancerquest.org/zh-hans/geihuanzhe/zhiliao/aizhengzhiliaofangfabiaoge on 12/04/2025

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:

- Chemotherapy Drugs
- 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®	Other
Busulfan	Myleran [®]	Genotoxic Agent
<u>Capecitabine</u>	Xeloda [®]	<u>Antimetabolite</u>
Carboplatin	Paraplatin [®]	Genotoxic Agent
Carmustine	Bicnu®, Gliadel®	Genotoxic Agent
Chlorambucil	Leukeran®	Genotoxic Agent
<u>Cisplatin</u>	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
Docetaxel	Taxotere®	Spindle Inhibitor
<u>Doxorubicin</u>	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>	Ifex®	Genotoxic Agent
Irinotecan	Camptosar®	Genotoxic Agent
Lomustine	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>
Methotrexate	Rheumatrex®, Trexall®, Mexate®, MTX	<u>Antimetabolite</u>
Mitomycin C	Mutamycin®	Genotoxic Agent
Mitoxantrone	Novantrone®	Genotoxic Agent
Oxaliplatin	Eloxatin [®]	Genotoxic Agent
<u>Paclitaxel</u>	Taxol®, Onxol™, Paxene®	Spindle Inhibitor
Streptozocin	Zanosar®	<u>Other</u>
Temozolomide	Temodar®	Genotoxic Agent
6-Thioguanine	Tabloid®, Lanvis®	<u>Antimetabolite</u>
Topotecan	Hycamtin [®]	Genotoxic Agent
<u>Vinblastine</u>	Velban®, Velbe®	Spindle Inhibitor
Vincristine	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 Oncology Drugs</u> website and/or the <u>Harrison's Principles</u> <u>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
<u>Exemestane</u>	Aromasin®	Aromatase Inhibitor
<u>Flutamide</u>	Eulexin®	Specific Androgen Receptor Modulator (SARM)
<u>Fulvestrant</u>	Faslodex®	Estrogen Receptor Down-Regulator
Letrozole	Femara®	Aromatase Inhibitor

Megestrol	Megace®	Additional Hormonal Treatments
Raloxifene	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

I .		Type of Drug
Aldesleukin, Interleukin-2 (IL-2)	Proleukin [®]	BRM
Alpha Interferon	Intron®, Roferon®-A	BRM
Imiquimod	Aldara®	BRM
<u>Lenalidomide</u>	Revlimid®	<u>BRM</u>

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
Rituximab	Rituxan®, Mabthera®	Antibody
<u>Tositumomab</u>	Bexxar®	Antibody
<u>Trastuzumab</u>	Herceptin®	Antibody

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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
<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
Gefitinib	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

More information on these drugs can be found at the <u>FDA Approved Over the Counter and Prescription 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>

More information on this topic may be found in Chapter 16 of <u>The Biology of Cancer</u> 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