

# 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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## 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  |
|--|--|---|
| <a href="#">Arabinosylcytosine (ARA-C), Cytarabine</a> | Cytosar-U®   | <a href="#">Antimetabolite</a>                                    |
| <a href="#">Bleomycin</a>                              | Blenoxane®   | <a href="#">Other</a>   |
| <a href="#">Busulfan</a>                               | Myleran®   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Capecitabine</a>                           | Xeloda®  | <a href="#">Antimetabolite</a>                                    |
| <a href="#">Carboplatin</a>                            | Paraplatin®  | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Carmustine</a>                             | Bicnu®, Gliadel®   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Chlorambucil</a>                           | Leukeran®  | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Cisplatin</a>                              | Platinol®, IntraDose® (Cisplatin; Collagen; Epinephrine) | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Cyclophosphamide</a>                       | Cytoxan®, Cytoxan® IV, Neosar®, Procytox®                | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Dacarbazine</a>                            | DTIC-Dome®   | <a href="#">Genotoxic Agent</a> or <a href="#">Antimetabolite</a> |
| <a href="#">Daunorubicin</a>                           | Cerubidine   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Docetaxel</a>                              | Taxotere®  | <a href="#">Spindle Inhibitor</a>                                 |
| <a href="#">Doxorubicin</a>                            | Adriamycin®, Rubex®, Doxil®, Caelyx®, Myocet™            | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Epirubicin</a>                             | Ellence®   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Etoposide</a>                              | Etopophos®, Vepesid®, Toposar®, VP-16®                   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Fludarabine</a>                            | Fludara®   | <a href="#">Antimetabolite</a>                                    |
| <a href="#">5-Fluorouracil</a>                         | Adrucil®, Carac®, Fluoroplex®, Efudex® (Injection)       | <a href="#">Antimetabolite</a>                                    |
| <a href="#">Gemcitabine</a>                            | Gemzar®  | <a href="#">Antimetabolite</a>                                    |
| <a href="#">Hydroxyurea</a>                            | Hydrea®  | <a href="#">Other</a>   |
| <a href="#">Idarubicin</a>                             | Idamycin PFS®  | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Ifosfamide</a>                             | Ifex®  | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Irinotecan</a>                             | Camptosar®   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Lomustine</a>                              | CeeNU®   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Methotrexate</a>                           | Mustargen®   | <a href="#">Genotoxic Agent</a>                                   |
| <a href="#">Melphalan</a>                              | Alkeran®   | <a href="#">Genotoxic Agent</a>                                   |

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

More information on these drugs can be found at the [FDA Approved 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                                   |
|------------------------------|------------|--|
| <a href="#">Anastrozole</a>  | Arimidex®  | <a href="#">Aromatase Inhibitor</a>                          |
| <a href="#">Bicalutamide</a> | Casodex®   | <a href="#">Exemestane</a>                                   |
| <a href="#">Exemestane</a>   | Aromasin®  | <a href="#">Aromatase Inhibitor</a>                          |
| <a href="#">Flutamide</a>    | Eulexin®   | <a href="#">Specific Androgen Receptor Modulator (SARM)</a>  |
| <a href="#">Fulvestrant</a>  | Faslodex®  | <a href="#">Estrogen Receptor Down-Regulator</a>             |
| <a href="#">Letrozole</a>    | Femara®    | <a href="#">Aromatase Inhibitor</a>                          |
| <a href="#">Megestrol</a>    | Megace®    | <a href="#">Additional Hormonal Treatments</a>               |
| <a href="#">Raloxifene</a>   | Evista®    | <a href="#">Selective Estrogen Receptor Modulator (SERM)</a> |
| <a href="#">Tamoxifen</a>    | Nolvadex®  | <a href="#">Selective Estrogen Receptor Modulator (SERM)</a> |
| <a href="#">Toremifene</a>   | Fareston®  | <a href="#">Selective Estrogen Receptor Modulator (SERM)</a> |

### Biological Treatments

| Generic Name                                      | Brand Name          | Type of Drug        |
|---|---------------------|---------------------|
| <a href="#">Aldesleukin, Interleukin-2 (IL-2)</a> | Proleukin®          | <a href="#">BRM</a> |
| <a href="#">Alpha Interferon</a>                  | Intron®, Roferon®-A | <a href="#">BRM</a> |
| <a href="#">Imiquimod</a>                         | Aldara®             | <a href="#">BRM</a> |
| <a href="#">Lenalidomide</a>                      | Revlimid®           | <a href="#">BRM</a> |

## Antibody Treatments

| Generic Name                | Brand Name          | Type of Drug             |
|-----------------------------|---------------------|--------------------------|
| <a href="#">Alemtuzumab</a> | Campath®            | <a href="#">Antibody</a> |
| <a href="#">Bevacizumab</a> | Avastin®            | <a href="#">Antibody</a> |
| <a href="#">Gemtuzumab</a>  | Mylotarg®           | <a href="#">Antibody</a> |
| <a href="#">Ibritumomab</a> | Zevalin®            | <a href="#">Antibody</a> |
| <a href="#">Rituximab</a>   | Rituxan®, Mabthera® | <a href="#">Antibody</a> |
| <a href="#">Tositumomab</a> | Bexxar®             | <a href="#">Antibody</a> |
| <a href="#">Trastuzumab</a> | Herceptin®          | <a href="#">Antibody</a> |

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## Targeted Therapies

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

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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           | <a href="#">Coenzyme Q10</a> , <a href="#">Shark Cartilage</a>  |
| Mind-Body Techniques     | <a href="#">Hypnosis</a> , <a href="#">Prayer</a> , <a href="#">Spirituality</a> , <a href="#">Support Groups</a> , <a href="#">Yoga</a> , <a href="#">Tai Chi</a>  |
| Phytochemicals           | <a href="#">Anthocyanin</a> , <a href="#">Cannabis and Hemp Oil</a> , <a href="#">Curcumin</a> , <a href="#">EGCG</a> , <a href="#">Lycopene</a> , <a href="#">Phytoestrogens</a> , <a href="#">Pycnogenol</a> , <a href="#">Resveratrol</a> , <a href="#">Selenium</a> , <a href="#">Essiac®</a> , <a href="#">Flor-Essence®</a> |
| Product / Treatment Plan | <a href="#">Controlled Amino Acid Therapy</a> , <a href="#">Essiac®</a> , <a href="#">Flor-Essence®</a> , <a href="#">Homeopathy</a>  |

| <b>Biological Process Affected</b> | <b>CAM Therapy</b>  |
|------------------------------------|---|
| Angiogenesis                       | <a href="#">Curcumin</a> , <a href="#">DCA</a> , <a href="#">EGCG</a> , <a href="#">Shark Cartilage</a> , <a href="#">Resveratrol</a>   |
| Apoptosis                          | <a href="#">Anthocyanin</a> , <a href="#">Curcumin</a> , <a href="#">DCA</a> , <a href="#">EGCG</a> , <a href="#">Lycopene</a> , <a href="#">Resveratrol</a> , <a href="#">Selenium</a>   |
| Inflammation                       | <a href="#">Anthocyanin</a> , <a href="#">Pycnogenol</a>  |
| Metabolism                         | <a href="#">DCA</a>   |
| Metastasis                         | <a href="#">Curcumin</a> , <a href="#">Resveratrol</a>  |
| Oxidation<br>(i.e. Antioxidants)   | <a href="#">Anthocyanin</a> , <a href="#">Curcumin</a> , <a href="#">EGCG</a> , <a href="#">Essiac®</a> , <a href="#">Flor-Essence®</a> , <a href="#">Lycopene</a> ,<br><a href="#">Phytoestrogens</a> , <a href="#">Pycnogenol</a> |
| Proliferation                      | <a href="#">Anthocyanin</a> , <a href="#">Coenzyme Q10</a> , <a href="#">Curcumin</a> , <a href="#">EGCG</a> , <a href="#">Selenium</a>   |