



*SRIRAM HERBALS*



THE BEST PROTECTION  
IS EARLY DETECTION

Cancer is a class of diseases characterized by out-of-control cell growth. There are over 100 different types of cancer, and each is classified by the type of cell that is initially affected.

Cancer harms the body when altered cells divide uncontrollably to form lumps or masses of tissue called tumors (except in the case of leukemia where cancer prohibits normal blood function by abnormal cell division in the blood stream). Tumors can grow and interfere with the digestive, nervous, and circulatory systems, and they can release hormones that alter body function. Tumors that stay in one spot and demonstrate limited growth are generally considered to be benign.

## Stages of Cancer :

Most types of cancer have 4 stages, numbered from 1 to 4.

- 1 Usually means that a cancer is relatively small and contained within the organ it started in.
- 2 Usually means the cancer has not started to spread into surrounding tissue but the tumour is larger than in stage
  - Sometimes stage
  - means that cancer cells have spread into lymph nodes close to the tumour. This depends on the particular type of cancer.
- 3 usually means the cancer is larger. It may have started to spread into surrounding tissues and there are cancer cells in the lymph nodes in the area.
- 4 means the cancer has spread from where it started to another body organ. This is also called secondary or metastatic cancer.

## Treatments For Cancer:

There are numerous treatments for cancer. The aim of any treatment is to remove cancerous cells to try to ensure the cancer doesn't return. This can be challenging because even if just one cancerous cell remains after treatment, it has the potential to create a new tumour. The main techniques used to treat cancer are listed below.

### Surgery

Surgery is a common treatment option. However, the type of surgery a person has and when they have it depends on which cancer it is and what stage it's at. Surgery removes the tumour and some normal tissue surrounding it. The removed tissue is sent to a laboratory for analysis and the results help doctors to decide whether further treatment, such as radiotherapy or chemotherapy, is needed.

## Chemotherapy

During chemotherapy, powerful medicine is used to kill cancerous cells. It can be given either as a tablet or directly into a vein, using an injection or infusion.

There are more than 100 different types of chemotherapy medication that can be used to treat hundreds of different types of cancer.

## Radiotherapy

Radiotherapy, also known as radiation treatment, can also be used to treat many forms of cancer. It can be given outside the body by using X-rays, or inside the body using a liquid that's either swallowed or injected, or by putting radioactive material in or close to the tumour. About half of all people with cancer have radiotherapy as part of their treatment plan.

## Hormone therapy

Hormone therapy works by lowering the levels of hormones in your body or by stopping their effects. Prostate cancer in particular needs testosterone to grow, and some breast cancers are stimulated by oestrogen or progesterone.

## Biological therapy

Biological therapies are treatments that affect the processes that occur in cells.

**They can:** stop cancerous cells dividing and growing seek out and destroy cancerous cells encourage the immune system to attack cancerous cells (immunotherapy) Interferon and interleukin are two substances that are sometimes used during immunotherapy to boost the immune system and help treat certain types of cancer, such as kidney cancer. Monoclonal antibodies directly target and attack specific proteins on cancerous cells. Angiogenesis inhibitors interfere with the development of blood vessels that deliver nutrients and oxygen, which tumours need to survive.

## Stem cell and bone marrow transplants

Stem cell and bone marrow transplants are often used to treat leukaemia (cancer of the blood cells) and lymphoma (cancer that develops in the lymphatic system).

## Complementary and alternative therapies

Complementary therapies can be used alongside conventional cancer treatments. They can sometimes improve a person's quality of life by helping them cope better with their cancer symptoms or the side effects of their cancer treatment. Examples of complementary therapies include acupuncture, herbal medicine, massage therapy and yoga. Alternative therapies are those used instead of conventional treatment, rather than in combination with them.

In the UK, up to one third of people with cancer (33%) use some sort of complementary therapy at some time during their illness. For some types of cancer, such as breast cancer, the number of people using complementary therapies is even higher at almost half (50%). People often use complementary therapies to help them feel better and cope with having cancer and treatment. Many complementary therapies concentrate on boosting relaxation and reducing stress. They may help to calm your emotions, relieve anxiety, and increase your general sense of health and well being.

Herbal medicine can boost their immune system and help fight their cancer. There is evidence that feeling good and reducing stress boosts the immune system but we don't know if this can help the body to control cancer.

Sriram Herbals is an **ISO, GMP & HALAL** certified manufacturing company that adds another dimension to herbal world and ayurveda where it deals "specific" health

problems specifically. We are a company that goes deep in rooting out the cause of imbalance and restoring harmony of body and mind. All our products are based on herbs,

botanical extracts and other natural ingredients and contains no animal products or steroids or chemicals.

TIG -10 booster is one of the best supplement after nearly 7 years of research from SRIRAM HERBALS. TIG-10 is one of the best natural boosters and a boon for people who have are affected by cancer.

## The ingredients of **TIG-10** are as follows:

Curcuma Aromatica, Balsam Odendron Mukul, Lepidium Sativum, Corallocarpus Epigaeus, Aegle Marmelos, Allivum sativum, Melia Azadirachta, Ocimum sanctum, Withania Somnifera, Aloe indica

**TIG-10**



## Curcuma Aromatica

**Curcuma Aromatica** is native to sub-himalayan mountain region and grown widely in many parts of the tropical and subtropical regions as an important commercial crop. The plant grows to a meter in height and features aromatic, miniature plantain-like leaves.

Curcuma Aromatica root features dark brown skin on the exterior and deep orange-yellow flesh internally. Its leaves as well as rhizome features unique flavor and fragrance.

Curcuma Aromatica has been in use since antiquity for its anti-inflammatory, carminative, anti-flatulent and anti-microbial properties. The herb contains health benefiting essential oils such as termerone, curlone, curumene, cineole, and p-cymene.

Its antioxidant actions enable it to protect the colon cells from free radicals that can damage cellular DNA—a significant benefit particularly in the colon where cell turnover is quite rapid, occurring approximately every three days. Because of their frequent replication, mutations in the DNA of colon cells can result in the formation of cancerous cells much more quickly. It also helps the body to destroy mutated cancer cells, so they cannot spread through the body and cause more harm. Additionally, other suggested mechanisms by which it may protect against cancer development include inhibiting the synthesis of a protein thought to be instrumental in tumor formation and preventing the development of additional blood supply necessary for cancer cell growth.

## BalsamOdendron Mukul:

BalsamOdendron Mukul has been used in ayurvedic medicine for centuries to treat abnormal growths, tumors, cysts, arthritis, glandular swelling, cancer, inflammation, and as a rasayana for promoting long life and health. It has anti-inflammatory and antioxidative properties and has recently attracted substantial attention due to its cancer chemopreventive and therapeutic potential exemplified by its antiproliferative, antimetastatic, and proapoptotic properties in many cancer cell lines and animal models

## Lepidium Sativum:

Lepidium Sativum seeds are known to contain several chemopreventive and chemotherapeutic constituents. The effect of L. sativum plant extract on cancers is generally attributed to the constituent isothiocyanates, specifically benzyl isothiocyanate, which are also present in the seeds.

## Corallocarpus Epigaeus :

Corallocarpus epigaeus rhizome is especially useful in syphilitic cases, old venereal complaints, chronic dysentery, cancer, anti-inflammatory and snake bite . The presence of terpenoids, flavonoids, phenols, glycosides, phytosterols, tannins and alkaloids in the methanolic extracts of Corallocarpus epigaeus, which could be responsible for this activity. The phytochemical constituents such as flavonoids and terpenoids are the major components that are responsible for the potential cytotoxic activity . The flavonoids have reported for their cytotoxic activity due to presence of phenolic groups . Terpenes have found to inhibit the growth of cancerous cells, decreases tumor size, decrease cholesterol level .

## Aegle Marmelos :

It belongs to the Rutaceae family, has been widely used in indigenous systems of Indian medicine due to its various medicinal properties. Aegle marmelos is native to Northern India, but widely found throughout the Indian Peninsula . Preclinical studies have shown that Aegle Marmelos leaf extracts were effective in inhibiting the growth of leukemic K562,

T-lymphoid Jurkat, B-lymphoid Raji, erythroleukemic HEL, melanoma Colo, and breast cancer cell lines MCF7 and MDA-MB-231. A. marmelos extracts may increase ER $\alpha$  gene expression in MDA-MB-231 (ER $\alpha$ -negative breast cancer cells) and inhibited cell proliferation. Marmelos fruit extracts has has the potential of providing an important means for cancer prevention.

### Allivum Sativum:

Allivum Sativum is sometimes recommended for cancer-prevention. It contains multiple anticancer compounds and antioxidants, more than 30 at the last count, which such powerful compounds as quercetin, diallyl sulphide, allin and ajoene. These have the ability to block cancer causing agents such as nitrosamine and Aflatoxins which have been specifically linked to stomach, lung and liver cancer. Allivum Sativum and allicin have also been shown to retard cancer cells as a type of natural chemotherapy.

### Melia Azadirachta:

Melia is an amazing plant that has been used therapeutically in India for at least 2,500 years. It is another superb broad spectrum anti-microbial showing effectiveness against various fungi, bacteria, parasites, virus (including herpes), and spirochetes. Melia has been used for cancer treatment of solid tumors as well as using it topically on skin cancers.

### Ocimum sanctum:

Ocimum Sanctum is considered to be the most sacred herb of India. It is based on its anti-stress and anticancer effects which modern herbalist call – the "adapto-gen" effect. The outstanding benefits of this herb came to the limelight when studies revealed that Ocimum Sanctum can act as a COX-2 inhibitor – which keeps inflammation at bay and decreases pain. The active constituent in Ocimum Sanctum leaf, eugenol is responsible for its anticancer potential. It turns out that eugenol inhibits the multiplication, migration and invasion of cancer cells and will also induce apoptosis (programmed cell death of tumors). Furthermore, Ocimum Sanctum has a host of cancer-fighting phytochemicals like apigenin, luteolin, rosmarinic acid, myretenal, beta-sitosterol and carnolic acid. These compounds increased the antioxidant activity and destroyed cancer cells.

### Withania Somnifera:

Withania Somnifera is a multiple benefit herb. It was beneficial effects over the complete human body in a natural way. Withania Somnifera helps in cases impotency, stress, constipation, rheumatism and many more chronic ailments. A look at these disorders tells us that they are all related to our life style. The increase in stress and manifold decrease in a healthy diet and lifestyle leads to stress induced disorders including many neurological disorders. People usually complain of stress, fatigue, memory and bodily weakness. Most of us face issues of low stamina and endurance power. Withania Somnifera herb plays a vital role in such cases. It is a great antioxidant and has anti-inflammatory properties. It helps to promote overall well-being of the body and nourishes it with strength and immunity. Withania Somnifera extracts have immunomodulating effects. They mobilize the white blood cells making them more capable of protecting the body. Perhaps more importantly these extracts protect the immune system from suppression by chemotherapy and steroids. Other studies suggest that Withania Somnifera can protect the bone marrow from injury from chemotherapy preventing the severe decrease in white blood cells that leaves may cancer patients prone to infection or unable to continue treatment.



## Aloe indica:

Aloe indica or Aloe vera is used in the boosting of the immune system's response to antigens (foreign elements in the body) that Aloe vera has shown the most promise in treating cancer. Aloe vera has been demonstrated to enhance the immune system's response to cancer, promote the growth of new and healthy cells, and reduce the overall viral load within the body thereby revitalizing the body in its fight against the cancer. When radiation and chemotherapy are necessary, Aloe vera helps to minimize the damage done to the body by these treatments, which destroy healthy cells - particularly immune system cells - crucial to the body's recovery. The use of Aloe vera enables the body to heal itself from cancer and the damage done to it by conventional treatment: the immune system is boosted, tumors shrink, metastases are reduced so the cancer does not spread, and new healthy cells begin to grow.



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