



Innovative Approaches for Cancer Therapies: Current Perspectives

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DESCRIPTION

There are a variety of cancer treatments available. Treatment options will vary depending on the sort of cancer you have and how far it has progressed.

Some cancer patients will just require one treatment. Most people, however, receive a combination of treatments, such as surgery along with chemotherapy and radiation. When it comes to cancer therapy, there is a lot to understand and consider. It's natural to feel befuddled and overwhelmed. However, speaking with your doctor and knowing about the various treatment options available to you might make you feel more in control. Our list of Treatment-Related Questions to Ask Your Doctor may be useful.

Biomarker testing for cancer treatment

Biomarker testing is a method of looking for cancer-related genes, proteins, and other chemicals (also known as biomarkers or tumour markers). Biomarker testing can assist you and your doctor in determining the best cancer treatment option.

Chemotherapy

Chemotherapy is a cancer treatment in which chemicals are used to kill cancer cells. Learn how chemotherapy fights cancer, why it has side effects, and how it's used in conjunction with other cancer treatments.

Hormone therapy

Hormone therapy is a treatment that slows or stops the growth of cancers that utilise hormones to proliferate, such as breast and prostate cancer. Learn about the many types of hormone therapy and the possible adverse effects.

Hyperthermia

Hyperthermia is a method of treatment in which bodily tissue is heated to temperatures as high as 113 degrees Fahrenheit in order to destroy and kill cancer cells while causing little or no injury to healthy tissue. Learn about the different types of

malignancies and precancers that hyperthermia is used to treat, how it's administered, and the advantages and disadvantages of using it.

Immunotherapy

Immunotherapy is a cancer treatment that boosts your immune system's ability to fight cancer. This article discusses the several types of immunotherapy, how they are used to treat cancer, and what to expect throughout treatment.

Photodynamic therapy

To eliminate cancer and other aberrant cells, photodynamic treatment uses a medication that is activated by light. Learn about photodynamic therapy, including how it works, the types of tumours and precancers it treats, and the benefits and cons of this treatment.

Radiation therapy

Radiation therapy is a cancer treatment that involves administering high doses of radiation to cancer cells in order to kill them and shrink tumours. Learn about the many forms of radiation, why they occur, potential side effects you might experience, and more.

Stem cell transplant

In persons who have had their stem cells damaged by strong doses of chemotherapy or radiation therapy, stem cell transplants are procedures that replenish stem cells that grow into blood cells. Learn about the many types of transplants, potential side effects, and how stem cell transplants are used to treat cancer.

Surgery

Surgery is a procedure in which a surgeon removes cancer from your body to treat cancer. Learn about the various methods that surgery can be used to treat cancer, as well as what to expect before, during, and after surgery.

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Targeted therapy

Targeted therapy is a cancer treatment that focuses on the modifications that help cancer cells grow, divide, and spread.

Learn how targeted therapy works against cancer and how to avoid the most common side effects.